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Bright futures start at Elgin Community College.

ECC is a two-year, Class I community college serving the residents of Community College District 509 in Kane, DuPage, Cook, DeKalb, and McHenry counties. We are a comprehensive community college serving students at every stage of their educational journeys. From university transfer programs to continuing education classes to childcare and arts center events for the community, ECC offers something for everyone.

Our Community

At ECC, you'll join a welcoming community of faculty and staff who care about your success. Our 9,000 students and more than 40,000 alumni respect a diverse range of backgrounds, ages, career interests, and goals—while sharing a strong sense of community and a commitment to success.

A Beautiful Campus in a Great Location.

Conveniently located halfway between Chicago and Rockford, ECC is easily accessible from several major highways. At our park-like campus setting, you'll enjoy peaceful vistas and state-of-the-art educational facilities.

Administrative offices of the college are located at the campus in southwest Elgin,

1700 Spartan Drive
Elgin IL 60123-7193
phone 847-697-1000

For college admissions, phone 847-214-7385; 847-214-7392 (TDD); email admissions@elgin.edu; or visit the website at elgin.edu (https://elgin.edu/admissions/).

Accreditation & Recognition

Accredited — The Higher Learning Commission
hlcommission.org (https://www.hlcommission.org/)

The Higher Learning Commission
230 South LaSalle Street, Suite 7-500
Chicago, IL 60604-1411
Phone: 800-621-7440 / 312-263-0456
Fax: 312-263-7462

Illinois Board of Higher Education
Illinois Community College Board

Notice of Disclaimer

This catalog is provided for informational purposes only. The college reserves the right to change, modify, or alter all fees, tuition, expenses, and costs of any kind, and further reserves the right to add or delete, without notice, any course or program offering, service, or information in this catalog. It is the responsibility of any student or employee to become familiar with any changes in the catalog.
PRESIDENT’S MESSAGE

Welcome to Elgin Community College!

You are now part of a first-class institution with award-winning faculty and more than 130 degree and certificate programs. In addition to fostering an inclusive community where every student has a voice, ECC provides an exceptional learning environment and rigorous academic studies to help get you to your next level of success.

Whether you are here to grow your skills to compete in the workforce or earn credits toward a four-year degree, ECC is the best choice for your bright future. With supportive adult education services and a robust First-Year Experience Program, our goal is to ensure that you are equipped with the tools you need to achieve your dreams.

If you are seeking ways to get involved, ECC students have access to more than 20 active student clubs and organizations. While you are here, take advantage of on-campus resources, such as tutoring, academic advising, wellness services, and career development to maximize your success.

If you are a veteran, our Veterans Resource Center located in Building F, Room F201 is a place for you to study, relax, and connect with other veterans. On behalf of the entire ECC family, thank you for your selfless service.

At ECC, we are here to help you navigate college life and want to do our part to help you cross the finish line. If you have time in between studying, working, and participating in student clubs, I welcome you to stop by my office in Building B, Room B235. I enjoy meeting new and returning students and look forward to seeing you at campus events.

Best wishes for an excellent year!

David Sam, PhD, JD, LLM

President
MISSION, VISION,
PHILOSOPHY, VALUES AND
GOALS

Mission Statement
To improve people’s lives through learning.

Vision Statement
We will pursue our Mission by focusing all our efforts on making Elgin Community College a national leader in promoting success for all students. This Vision will be attained through a commitment to provide innovative and affordable learning opportunities for all constituencies and to promote cultural competence and community partnership in our decisions and actions.

Philosophy on Learning
Learning is the primary driver behind our Mission and Vision. We believe learning is a lifelong process of intellectual and interpersonal growth that occurs when individuals expand their depth of knowledge, skills, and experiences. We further believe that learning empowers individuals to improve their lives and the economic, social, and cultural conditions of local and global communities.

Shared Values
Excellence
Our programs and services strive for the highest level of excellence to successfully achieve our Vision. We use research-based methods to strengthen curriculum and deliver high-quality learning-centered instruction and services.

Freedom of Inquiry
We believe learning is most engaging and viable when a spirit of free inquiry exists, allowing everyone the freedom to explore new and diverse ideas and to express their interests and attitudes. We strive to create environments where inquiry flourishes and guides innovation.

Equity
We are an inclusive community that provides students, employees, and community members with full access to all resources needed to achieve their individual goals. We commit to creating an environment that is equitable and inclusive to all.

Diversity
We value and honor diversity in all forms and perspectives. To successfully achieve our Vision, we provide a safe and inclusive community that promotes and affirms individual growth, social responsibility, and self-worth for success in a global world.

Ethical Practices
We are responsible for carrying out our work with honesty and integrity. Our decisions and actions are guided by our Vision and not by personal interests, and they will be enacted with a sense of service to students and community members.

Accountability
As a public institution, we commit to making the best use of resources. We strive to be transparent in reporting our decisions and actions and seek feedback from others as we continuously improve our practices.

Collaboration
We are actively committed to serving students, employees, and community members. The decisions and actions we undertake in carrying out our Vision derive from working cooperatively with local through global constituencies.

Institutional Goals
Equity and Learning
Identify and expand practices to raise academic achievement and completion.

Holistic Programming
Strategically build and maintain enrollment and purposeful pathways.

Community Partnerships
Advance relationships that benefit the college, students, and partnering organizations.

Service Excellence and Collaboration
Instill a culture of service excellence and collaboration.
## ACADEMIC CALENDAR

### Summer Session 2020
Beginning Fri., May 29, and ending Sun., Aug. 9, all general use facilities will be closed Fridays through Sundays. The University & Business Center, Early Childhood Lab School, Events Center, and Visual & Performing Arts Center will be open as scheduled.

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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<tr>
<td>Sat., May 23 - Mon., May 25</td>
<td>All Facilities Closed: Memorial Day Weekend</td>
</tr>
<tr>
<td>Mon., June 1</td>
<td>Summer Session I Begins</td>
</tr>
<tr>
<td>Mon., June 15</td>
<td>Summer Session II Begins</td>
</tr>
<tr>
<td>Mon., July 13</td>
<td>Summer Session III Begins</td>
</tr>
<tr>
<td>Sat., July 4</td>
<td>All Facilities Closed: Independence Day</td>
</tr>
<tr>
<td>Thurs., Aug. 6</td>
<td>End of Summer Session Classes</td>
</tr>
</tbody>
</table>

Note: Summer session grades due by 4:00 p.m. the Monday following the last day of class.

### Fall Semester 2020

<table>
<thead>
<tr>
<th>Date</th>
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<tr>
<td>Tues., Aug. 18 - Wed., Aug. 19</td>
<td>New Full-Time Faculty Orientation</td>
</tr>
<tr>
<td>Thurs., Aug. 20</td>
<td>College Convocation</td>
</tr>
<tr>
<td>Fri., Aug. 21</td>
<td>New Student Convocation</td>
</tr>
<tr>
<td>Mon., Aug. 24</td>
<td>Fall Semester Begins</td>
</tr>
<tr>
<td>Sat., Sept 5 - Mon., Sept. 7</td>
<td>All Facilities Closed: Labor Day (No Classes Labor Day Weekend)</td>
</tr>
<tr>
<td>Mon., Sept. 28</td>
<td>12-Week Fall Session Begins</td>
</tr>
<tr>
<td>Mon., Oct. 19</td>
<td>2nd 8-Week Fall Session Begins</td>
</tr>
<tr>
<td>5:00 p.m. Wed., Nov. 25 - Sun., Nov.29</td>
<td>All Facilities Closed: Thanksgiving Recess</td>
</tr>
<tr>
<td>Thurs., Dec. 17</td>
<td>Fall Semester Classes End</td>
</tr>
<tr>
<td>Fri., Dec. 18</td>
<td>Grading Day/Semester Ends</td>
</tr>
<tr>
<td>Sat., Dec. 19</td>
<td>Graduation</td>
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<tr>
<td>Mon., Dec. 21</td>
<td>Grades Due by 4:00 p.m.</td>
</tr>
<tr>
<td>5:00 p.m. Wed., Dec. 23 - Sun., Jan. 3</td>
<td>All Facilities Closed: Winter Recess</td>
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### Spring Semester 2021

<table>
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<tr>
<td>Thurs., Jan. 4</td>
<td>Offices Reopen</td>
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<tr>
<td>Thurs., Jan. 14</td>
<td>College Convocation</td>
</tr>
<tr>
<td>Fri., Jan. 15</td>
<td>New Student Convocation</td>
</tr>
<tr>
<td>Mon., Jan. 18</td>
<td>All Facilities Closed: Martin Luther King Jr. Day</td>
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<tr>
<td>Mon., Jan. 19</td>
<td>Spring Semester Begins</td>
</tr>
<tr>
<td>Mon., Feb. 15</td>
<td>All Facilities Closed: Presidents’ Day</td>
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<tr>
<td>Mon., Feb. 16</td>
<td>12-Week Spring Session Begins</td>
</tr>
<tr>
<td>Mon., Mar. 15</td>
<td>2nd 8-Week Spring Session Begins</td>
</tr>
<tr>
<td>Mon., Mar. 22 - Sun., Mar. 28</td>
<td>All Facilities Closed: Spring Recess</td>
</tr>
<tr>
<td>Thurs., May 20</td>
<td>Spring Semester Classes End</td>
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Final examinations or other appropriate final evaluation activities will be held within regularly scheduled class hours. The number of weeks classes are offered may vary.

Please check the college website, www.elgin.edu (https://www.elgin.edu), for information regarding registration, financial, aid, and payment.
COMMUNITY COLLEGE DISTRICT 509 BOARD OF TRUSTEES

The board is a deliberative, legislative body elected to govern the college in the best interest of the district and in accordance with Illinois law and the Constitution. They determine the policies which guide the institution, monitor its fiscal affairs, and oversee the administration of the college by the president and staff. The final resolution of any issue is decided by a vote of the majority.

Seven members of the board are elected at large from the district to six-year terms on a rotating basis. The student member is selected annually in April by fellow students.

The public is welcome to attend regular meetings and communicate with trustees. Go to elgin.edu/boardoftrustees (https://elgin.edu/about-ecc/trustees/) to see meeting dates and learn more.

Donna Redmer, EdD
Chair
Dundee
First elected 2009
Current term expires April 2021

Jennifer Rakow
Vice-Chair
St. Charles
First elected 2017
Current term expires April 2023

Jeffrey A. Meyer, JD
Secretary
Elgin
First elected 2015
Current term expires April 2021

John Duffy, MSEd
Elgin
First elected 1975
Current term expires April 2023

Candace D. McCready, DD
Streamwood
First elected 2017
Current term expires April 2023

Shane Nowak
Elgin
First elected 2019
Current term expires April 2025

Clare M. Ollayos, DC
Elgin
First elected 1995
Current term expires April 2025

Abigail Swick
Student Member
Elected by the student body
One-year term expires annually in April
LOCATIONS

All ECC facilities are accessible to people of all abilities via ramps and Braille signage, as well as motorized doors and elevators.

For a detailed interactive campus map, additional location details, driving directions, and other resources, please visit elgin.edu/maps (http://www.elgin.edu/maps/).

Spartan Drive Campus
1700 Spartan Drive
Elgin, IL 60123-7193

ECC’s primary location is on the west side of Elgin, easily accessible via McLean Boulevard and Randall Road, south of U.S. 20 and I-90. The safe and scenic campus is set on 209.5 acres of gently rolling lawns accented by Lake Spartan. Learning in modern facilities is augmented by advanced equipment, campus-wide wireless access, and technology-enhanced instruction across all disciplines.

Elgin Community College District 509 encompasses 360 square miles and is home to approximately 480,000 residents in more than 20 urban and rural communities, all within 15 miles of campus.

Elgin Community College Center for Emergency Services
815 East Plank Road
Burlington, IL 60109

The Elgin Community College Center for Emergency Services is located on 120 acres in Burlington, Illinois. The training facility offers essential resources to students and community members, most notably education for current and future first responders.

Education and Work Center
Hanover Square Plaza
6704 Barrington Road
Hanover Park, IL 60133

The Education and Work Center provides free education and job assistance, including classes in English as a second language (ESL), adult basic education (reading, math, and writing), high school equivalency courses (previously known as GED®) in English and Spanish, and an Illinois workNet® Center. The center was created through an innovative partnership between ECC, Harper College, the village of Hanover Park, the Chicago-Cook Workforce Partnership, and the state of Illinois. For more information, call 630-634-7400.

Streamwood Village Hall
301 East Irving Park Road
Streamwood, IL 60107

The Streamwood Village Hall includes computer and general-purpose classrooms, improving access to college for those who live in the eastern portions of ECC’s district.
COLLEGE POLICIES AND PROCEDURES

Policies and Procedures
College procedures lay the groundwork for strategic links between the college mission and our day-to-day operation. They help employees and students understand their roles and responsibilities within predefined limits; set forth a clear and easily understood plan of action; and support overall well-being by eliminating misunderstandings and establishing boundaries. Whenever in doubt, be sure to view elgin.edu/procedures (http://www.elgin.edu/procedures/) to see all college procedures; visit the Office of the Dean of Student Services and Development; or the Office of Student Life. We have provided links to commonly referenced policies and procedures in this section.

Rights and Privacy Act
For policies and procedures regarding student academic records, please refer to the Student Academic Records Administrative Procedure 4.103 (https://elgin.edu/about-ecc/college-administration/college-procedures/student-academic-records-policy/).

Evaluation of Credits Earned at Other Institutions
Students who have attended other institutions and who intend to earn a degree or certificate from ECC must have an official transcript from each institution on file in the ECC Admissions Office. After the student declares a major and creates an educational plan with the assistance of an ECC advisor, the student should request a transcript evaluation by completing the request for evaluation of prior educational experience form online at elgin.edu/evaluation (http://www.elgin.edu/evaluation/). During graduation evaluation, the cumulative grade point average for students earning the Associate in Arts, Associate in Science, Associate in Fine Arts, Associate in Liberal Studies, and Associate in Engineering Science degrees is determined by using all grades received from all courses numbered 100 and above taken at ECC and all grades A-D accepted from other colleges and universities. For students earning the Associate of Applied Science degree or any of the occupational certificates, only the grades received in the courses which apply to the Associate of Applied Science degree or certificate are counted for purposes of determining cumulative grade point average at the time of graduation.

Academic Residency
Academic Residency Requirements Administrative Procedure 1.301 (https://elgin.edu/about-ecc/college-administration/college-procedures/academic-residency-policy/)

Student Credit for Learning Experiences other than Formal Instruction
Student Credit for Learning Experiences other than Formal Instruction – Administrative Procedure 1.101 (https://elgin.edu/about-ecc/college-administration/college-procedures/student-credit-for-learning-experiences-policy/)

Public Notification of Nondiscrimination in Career and Technical Programs
Elgin Community College (herein “College”) offers career and technical education programs in:
- Business and Professional Services
- Digital Technologies
- Public Safety and Emergency Services
- Health Professions
- Human Service Professions
- Liberal, Visual, and Performing Arts
- Technical Education

Admission to these programs is based on the College's minimum competency requirements and/or departmental admission requirements, required course prerequisites, course availability, and interest in the subject. ECC will take steps to ensure that the lack of English language skills will not be a barrier to admission and participation in all educational and vocational programs.

Elgin Community College, as reflected in its vision and mission statements, strategic goals, and shared values, is committed to enhancing and promoting the diversity of the College community. It is the College's policy not to discriminate, or tolerate discrimination, against any member of its community on the basis of race, color, national origin, ancestry, sex/gender, age, religion, disability, pregnancy, veteran status, marital status, sexual orientation (including gender-related identity), order of protection status, or any other status protected by applicable federal, state or local law (as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972, and Section 504 of the Rehabilitation Act of 1973, as amended) in matters of admissions, or in any aspect of the educational programs or activities it offers.

For information about your rights or grievance procedures, contact the following:

Title IX Coordinator, Marilyn Prentice
1700 Spartan Drive, B235.08
Elgin, IL 60123
847-214-7992
mprentice@elgin.edu

and/or

Coordinator of ADA and Student Disabilities Services, Pietrina Probst
1700 Spartan Drive, B125
Elgin, IL 60123
847-214-7417
pprobst@elgin.edu

Notificación Pública de No Discriminación en Programas Profesionales y Técnicos
Elgin Community College (en adelante, “Colegio”) ofrece programas profesionales y técnicos en:
- Servicios Profesionales y Empresariales
- Tecnologías Digitales
La admisión a estos programas se basa en los requisitos mínimos de aptitud del Colegio y/o los requisitos de admisión departamentales, prerequisitos de cursos requeridos, disponibilidad del curso, e interés en la materia. ECC tomará los pasos para asegurarse de que la falta de habilidades en el idioma inglés no sean un obstáculo para la admisión y la participación en todos los programas educativos y vocacionales.

Elgin Community College, tal como se refleja en su visión, misión, objetivos estratégicos, y valores compartidos, se compromete a mejorar y promover la diversidad de la comunidad del Colegio. Es política del Colegio no discriminar, ni tolerar la discriminación, en contra de cualquier miembro de su comunidad en base a raza, color, origen nacional, ascendencia, sexo / género, edad, religión, discapacidad, embarazo, estatus de veteranos, estado civil, orientación sexual (incluyendo identidad de género), estatus de orden de protección, o cualquier otro estatus protegido por la ley federal, estatal o local que aplique (como lo exige el Título VI de la Ley de Derechos Civiles de 1964, según fue enmendada; el Título IX de las Enmiendas Educativas de 1972, y la Sección 504 de la Ley de Rehabilitación de 1973, según fue enmendada) en materia de admisiones, o en cualquier aspecto de los programas o actividades educativas que ofrece.

Para información sobre sus derechos o los procedimientos de reclamos, comuníquese con:

Coordinadora del Título IX, Marilyn Prentice
1700 Spartan Drive, B235.08
Elgin, IL 60123
847-214-7992
mprentice@elgin.edu

y/o

Coordinador de ADA y Servicios para Estudiantes con Discapacidades, Pietrina Probst
1700 Spartan Drive, B125
Elgin, IL 60123
847-214-7417
pprobst@elgin.edu

Anti-Discrimination, Harassment, Violence, and Retaliation Policy and Procedure

Administrative Procedure 3.403

Title IX and Campus SaVE Act Rights

Title IX and Campus SaVE Act are federal laws designed to protect college students, while on campus grounds, from domestic violence, dating violence, sexual assault, stalking, and sex discrimination (gender-based violence between any of the following groups: men, women, transgender people, and gender non-conforming persons).

Examples of Sexual Harassment (including, but not limited to):

• Unwelcomed sexual advances
• Repeated sexual advances
• Sexual gestures
• Explicit sexual cartoons or images
• Discussions about sexual activity/orientation
• Domestic violence
• Dating violence
• Sexual misconduct
• Sexual assault/sexual violence
• Stalking

What is Sexual Assault/Sexual Violence

Sexual assault/sexual violence is defined as a particular type of sexual harassment that includes physical sexual acts perpetrated against a person’s will or where a person is incapable of giving consent due to the victim’s use of drugs or alcohol or for any other reason. This includes, but is not necessarily limited to inappropriate touching, sexual intercourse of any kind without consent, rape, and attempted rape.

What is Stalking

Stalking is defined as a course of conduct directed at a specific person that would cause a reasonable person to fear for her, his, or others’ safety, or to suffer substantial emotional distress. All court ordered “Stalking/No Contact Orders” should be placed on file with Campus Safety.

How to File a Complaint

By filing a Title IX complaint, you have the right to ask for an internal investigation and reasonable academic accommodations. Any inquiries or complaints regarding Title IX, the Campus SaVE Act, or the College’s Anti-Discrimination and Anti-Harassment Policy should be directed to:

• Marilyn Prentice, Title IX Coordinator
  847-214-7992
  mprentice@elgin.edu

• DeSean Coleman, Manager of Upward Bound
  847-214-6942
  dcoleman@elgin.edu

• Lauren Nehlsen, Director of International Education and Programs
  847-214-7821
  lnehlsen@elgin.edu

• Campus Safety
  847-214-777

For Additional Services

The College has onsite wellness professionals who respect confidentiality and are not required to report your assault unlike most faculty and staff under Title IX policy. The wellness professionals will provide free and confidential counseling services and referrals to help you determine what is best to do for your self-care and healing. The College’s wellness professionals may be contacted at:

Vincent Cascio/Wellness Professional: 847-214-6963; vcascio@elgin.edu
Mary Grimm/Wellness Professional: 847-214-7418; mg Grimm@elgin.edu
Equal Opportunity and Affirmative Action Statement

Administrative Procedure 3.402

Elgin Community College (“the College”) does not discriminate, or tolerate discrimination, against any member of its community on the basis of race, color, national origin, ancestry, sex/gender, age, religion, disability, pregnancy, veteran status, marital status, sexual orientation (including gender-related identity), order of protection status, or any other status protected by applicable federal, state, or local law in matters of admissions, employment, or in any aspect of the educational programs or activities it offers. Elgin Community College, as reflected in its vision and mission statements, strategic goals, and shared values, is committed to enhancing and promoting the diversity of the College community. The College further recognizes that a complete education includes all segments of society. As a result, the College provides equal opportunity and supports affirmative action efforts to promote and achieve this goal. The President of the College has the ultimate responsibility for compliance with federal, state, and local laws that prohibit discrimination. The College’s policies and procedures regarding the investigation and resolution of alleged or suspected violations of the College’s policy against discrimination, harassment, and retaliation (as set forth in Administrative Procedure 3.403) are available from the College’s EEO/AA Officer.

The College recognizes the important distinction between equal opportunity and affirmative action. Equal opportunity requires that all academic and personnel decisions will be governed by the concept of merit and based on an individual’s ability to successfully engage in academic work or perform the essential functions of a position. As an employer committed to affirmative action, however, the College is also committed to increasing the diversity of its workforce and student body, believing that increased diversity is essential to the enhancement of student educational experiences and the improvement of society. As such, the College makes additional efforts to recruit, enroll or hire, retain, and graduate or promote qualified members of groups historically excluded on the basis of discriminatory factors unrelated to merit. The premise of affirmative action is that positive steps must be taken to overcome the effects of discrimination, consistent with the College’s obligation to treat all employees and students with fairness and dignity. In this belief, the College maintains an affirmative action program, consistent with applicable law, to promote and enhance diversity and equal opportunity and throughout its educational programs, activities, and operations.

The goals of affirmative action are to ensure equity of educational and economic opportunity, to increase the diversity of the College community, and to encourage the exchange of values and ideas across cultures and peoples. A commitment to affirmative action is in keeping with the College’s mission and values. The College views its commitment to affirmative action as essential to enhancing the educational experiences and outcomes of its students, who are being prepared to live, work, and serve in an increasingly diverse society.

In adopting this Equal Opportunity and Affirmative Action Statement, the College shall not be construed as admitting that women, minorities, persons with disabilities, or other members of legally protected groups have been, or are presently being, discriminated against in any way in violation of applicable law.

Administrative Procedures

Elgin Community College is committed to providing an environment in which you will learn new skills and reach your educational goals. The administrative procedures listed below outline student rights and responsibilities as well as provide links to our website for further information.

elgin.edu/procedures (http://www.elgin.edu/procedures/)

- Academic Integrity 4.407
- Academic Renewal (Fresh Start) 4.105
- Academic Residency 1.301
- Anti-Discrimination, Harassment, Violence, and Retaliation Policy and Procedure 3.403
- Appeal for Complaint Procedure 4.408
- Appeal of Final Grade 4.403
- College Admissions 4.101
- Communicable Diseases/Contagious Illness 3.601/4.601
- Complaint Procedure 4.401
- Copyright 3.301
- Course Audit and Pass/No Credit 1.201
- Course Retake 1.203
- Credit for Learning Experiences other than Formal Instruction 1.101
- Criminal Background Checks and Drug Testing of Health Professions Program Students 3.406
- Death of a Student/Former Student 4.406
- Drug-Free Campus 3.401
- Drug Testing of Truck Driving Program Students 3.405
- Emergency Procedures
- Equal Opportunity and Affirmative Action Statement 3.402
- Extended Absence Notification for Students 4.104
- Extra-curricular and Co-curricular Mandatory Attendance Procedure 4.405
- Firearms, Weapons and Concealed Carry Procedure 3.902
- Individuals with Disabilities Procedure (ADA) 3.501
- International Student Insurance Requirements 4.202
- Minimum Competencies and Placement Testing 1.104
- Placement Test Appeals 4.404
- Proctoring Policy 4.409
- Public Safety Procedure
- Refunds for Credit and Noncredit Courses 2.102 & 2.103
- Schedule Changes and Course Withdrawals 1.202
- Service Animals for Persons with Disabilities 3.904
- Smoking and Tobacco Use on Campus 3.801
- Standards of Academic Progress (SOAP) 1.102
- Student Academic Records 4.103
- Student Behavioral Threat Assessment and Intervention Team (BIT) 4.602
- Student Code of Conduct 4.402
- Student Grades 1.103
- Student Optional Disclosure of Private Mental Health Information 4.603
- Student Residency 4.102
- Student Substance Abuse Procedure
Student Waitlist Registration Procedures 4.502
• Tuition Adjustment Advisory Council (TAAC) 2.103
• Unattended Children on Campus 3.802
• Withdrawal Policy for Students Called to Active Duty 4.501

Catalog Guidelines

The ECC college catalog is published as a resource for enrolled students. It serves as a guide for current students to understand program requirements for ECC certificates or degrees. Prospective students and/or organizations may access this information via elgin.edu/catalog (http://www.elgin.edu/catalog/).

Notice of Disclaimer

This catalog is provided for informational purposes only. The college reserves the right to change, modify, or alter all fees, tuition, expenses, and costs of any kind, and further reserves the right to add or delete, without notice, any course or program offering, service, or information in this catalog. It is the responsibility of any student or employee to become familiar with any changes in the catalog.

Choice of Catalog

Choosing the year enrolled or any subsequent-year catalog.

Although academic requirements may change with each edition of the college catalog, students are responsible for the requirements outlined in the catalog in effect at the time of their initial ECC enrollment. Catalogs are valid for 10 years from the date they are published. Students may choose to fulfill the requirements outlined in subsequent editions, but they may not combine requirements from different catalogs. In the case of curriculum changes, instructional deans may make adjustments to a student’s educational plan to meet program requirements. Every effort will be made to coordinate earlier coursework in a way most beneficial to the student to fulfill current requirements. Course substitution forms must be signed by the appropriate instructional dean and submitted to the Records Office. Substitution forms are available at the Advising Center. Students are subject to all policies/regulations in effect during the current academic year. These can be found at elgin.edu/procedures (http://www.elgin.edu/procedures/).

Student Grades

Illinois Community College Act

Administrative Procedure 1.103

Evaluation of Credits Earned

For information regarding evaluation of credits earned see College Policies and Procedures (p. 10)

Calculation of Grade Point Average

The quality of a student’s work for one semester is measured by grade point average (GPA). The quality of all work a student has completed at the college through one or more semesters is indicated by the student’s cumulative GPA, which includes only courses that are numbered 100 and above.

A student’s GPA is determined by:

1. Multiplying the number of points equivalent to the letter grade received by the number of semester hours for that course.
2. Adding the grade points received in all courses during the semester.
3. Dividing the total number of grade points by the total number of semester hours attempted.

Example:

<table>
<thead>
<tr>
<th>Course</th>
<th>Grade</th>
<th>Grade Value</th>
<th>Semester Hours</th>
<th>Total Grade Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 101</td>
<td>B</td>
<td>3</td>
<td>3</td>
<td>9</td>
</tr>
<tr>
<td>PSY 100</td>
<td>A</td>
<td>4</td>
<td>3</td>
<td>12</td>
</tr>
<tr>
<td>MTH 112</td>
<td>C</td>
<td>2</td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td>BIO 110</td>
<td>D</td>
<td>1</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>PHC 170</td>
<td>A</td>
<td>4</td>
<td>1</td>
<td>4</td>
</tr>
</tbody>
</table>

Divide the 37 grade points by 15 semester hours for a semester grade point average of 2.466.

Students may see other types of grade point averages such as, Standards of Academic Progress (SOAP), Satisfactory Academic Progress (SAP), athletic eligibility and program GPA. Please contact records@elgin.edu for more information.

Grade Point System for Elgin Community College

<table>
<thead>
<tr>
<th>Letter Grade</th>
<th>Performance</th>
<th>Grade Points Per Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Superior</td>
<td>4.0</td>
</tr>
<tr>
<td>B</td>
<td>Good</td>
<td>3.0</td>
</tr>
<tr>
<td>C</td>
<td>Average</td>
<td>2.0</td>
</tr>
<tr>
<td>D</td>
<td>Poor</td>
<td>1.0</td>
</tr>
<tr>
<td>E</td>
<td>Failure (ended Spring 2005)</td>
<td>0.0</td>
</tr>
<tr>
<td>F</td>
<td>Failure (started Summer 2005)</td>
<td>0.0</td>
</tr>
<tr>
<td>WF</td>
<td>Withdrawal-Failure (ended Fall 2004)</td>
<td>0.0</td>
</tr>
</tbody>
</table>

Other Grades and Symbols not Used in GPA Calculation

<table>
<thead>
<tr>
<th>Letter</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>AU</td>
<td>Audit</td>
</tr>
<tr>
<td>AW</td>
<td>Administrative Withdrawal (started Spring 2005)</td>
</tr>
<tr>
<td>CIP</td>
<td>Course in Progress</td>
</tr>
<tr>
<td>CR</td>
<td>Satisfactory for Proficiency, CLEP, Advanced Placement, &amp; courses taken Pass/No Credit</td>
</tr>
<tr>
<td>I</td>
<td>Incomplete</td>
</tr>
<tr>
<td>NC</td>
<td>No Credit for courses taken Pass/No Credit</td>
</tr>
<tr>
<td>NR</td>
<td>Not Reported</td>
</tr>
<tr>
<td>R</td>
<td>Course Repeated</td>
</tr>
<tr>
<td>S</td>
<td>Satisfactory</td>
</tr>
<tr>
<td>U</td>
<td>Unsatisfactory</td>
</tr>
<tr>
<td>W</td>
<td>Withdrawal</td>
</tr>
<tr>
<td>Z</td>
<td>Drop Grace Period (started Summer 2014)</td>
</tr>
</tbody>
</table>
Catalog Disclaimer

Notice of Disclaimer

The catalog is provided for informational purposes only. The college reserves the right to change, modify, or alter all fees, tuition, expenses, and costs of any kind, and further reserves the right to add or delete, without notice, any course or program offering, service, or information in this catalog. It is the responsibility of any student or employee to become familiar with any changes in the catalog.
STUDENT RESOURCES

ECC is here to help you succeed!
ECC has the resources you need to support your education outside the classroom and help you sustain your academic pursuits. For services or departments not listed here, call 847-697-1000.

Services & Resources
• Academic & Transfer Advising (https://elgin.edu/life-at-ecc/academic-transfer-advising/)
• ADA & Student Disability Services (https://elgin.edu/life-at-ecc/disability-services/)
• Career Development Services (https://elgin.edu/life-at-ecc/career-development-services/)
• Financial Aid and Scholarships (https://elgin.edu/pay-for-college/financial-aid/)
• Register for Classes (https://elgin.edu/admissions/register-for-classes/) (Transcripts)
• Services & Resources (https://elgin.edu/life-at-ecc/services-resources/)
• Spartan Food Pantry (https://elgin.edu/life-at-ecc/services-resources/spartan-food-pantry/)
• Student Employment (https://elgin.edu/pay-for-college/student-employment-programs/)
• Student Records (https://elgin.edu/life-at-ecc/student-records-transcripts/)
• Study Abroad (http://studyabroad.elgin.edu/)
• Testing Services (https://elgin.edu/admissions/testing-services/)
• TRiO Support Services (https://elgin.edu/academics/special-programs/trio/)
• Veteran Support Services (https://elgin.edu/admissions/veterans-services/)
• Wellness Services (https://elgin.edu/life-at-ecc/wellness-services/)

Enrollment Procedures
ECC operates under the Open Door Admission Policy of the Illinois Community College Act. Once admitted to the college, students may enroll in any course as long as individual course prerequisites, placement procedures, and/or developmental admission requirements are met and space for effective instruction is available. Neither a high school diploma nor ACT or SAT scores are required for admission to the college. The college reserves the right to cancel courses which do not meet minimum enrollment standards or due to unforeseen circumstances.

Below are links to offices that will assist you in the enrollment process and a list of common topics or services each provides. You can also stop by First Stop in Building A, A100 for assistance.

Academic & Transfer Advising Services
elgin.edu/advising (http://www.elgin.edu/advising/)
• Academic Advising/Transfer Assistance
• Educational Success & Career Advising

Admissions
elgin.edu/admissions (http://www.elgin.edu/admissions/)
• College Admission (including programs with special requirements) – elgin.edu/apply (http://www.elgin.edu/apply/)

Health Profession Admissions
elgin.edu/healthprofessions (http://www.elgin.edu/healthprofessions/)

Honors Program
elgin.edu/honors (http://www.elgin.edu/honors/)
• ECC Honors Courses/Honors Program

Registration
elgin.edu/registrationprocedures (http://www.elgin.edu/registrationprocedures/)
• Academic Load
• Attendance Procedures
  • Extended Absence Notification from Dean of Students Office 4.401
  • Extra and Co-Curricular Mandatory Attendance Policy 4.405
• Class Cancellations
• Class Prerequisite
• Course Auditing
• Course Re-Take & Repeatable Courses
• Course Substitution/Waiver
• Pass/No Credit Registration
• Placement Test Appeals
• Schedule Changes
• Standards of Academic Progress 1.102 – elgin.edu/standardsofacademicprogress (http://www.elgin.edu/standardsofacademicprogress/)
• Student Waitlist Registration Procedure 4.502
• Withdrawal Procedure – elgin.edu/withdraw (http://www.elgin.edu/withdraw/)
  • Student Initiated
  • Faculty Initiated
  • Withdrawal for Non-Payment
  • Administrative Withdrawal
• Withdrawal Policy for Student Called to Active Duty 4.501

Student Records
elgin.edu/recordsprocedures (http://www.elgin.edu/recordsprocedures/)
• Appeal of Final Grade 4.403
• Calculation of Grade Point Average
• Course Substitution/Waiver
• Graduation Requirements – elgin.edu/graduation (http://www.elgin.edu/graduation/)
• Standards of Academic Progress 1.102
• Student Academic Records (FERPA) 4.103
• Student Credit for Learning Experiences other than Formal Instruction 1.101
Educational Planning

Choosing the right college major is the best way to ensure that you receive the most out of your education and enjoy a career that motivates and excites you. Understanding your strengths, knowing your options, and navigating resources can lead you in the right direction.

As a student, you are responsible for your educational choices and decisions. During the first semester, each student is assigned an academic advisor. The advisor/advisee relationship requires participation and involvement from both parties and is nurtured during the student’s entire educational experience at ECC.

Creating an education plan, a personalized sequence of courses, should be done in collaboration with an ECC academic advisor to ensure students meet their educational and occupational goals. Courses are selected that will:

- Meet ECC graduation requirements.
- Meet career degree/certificate requirements.
- Meet admissions and general education requirements of the student’s intended transfer college/university and major department.
- Meet the foundation course requirements for the student’s transfer college major.
- Allow students to explore educational possibilities.

Completion of an education plan is important for students intending to earn an ECC degree or certificate and for those planning to transfer to another institution. Since course requirements vary by major and transfer school, the best way to ensure your courses will transfer is to choose a major and transfer school and meet with your academic advisor as soon as possible.

Visit the Student Success Center to make an appointment with a career development specialist for assistance in choosing a major or with an academic advisor to complete an education plan. To schedule an appointment call 847-214-7390 or stop by the Student Success Center in Building B, Room B120.

Transfer Process

Plan ahead. The earlier you begin to prepare for transfer, the better. For a successful transfer to a four-year college or university, ECC recommends the following:

- Visit Academic and Transfer Advising Services where academic advisors can assist you with your educational choices and decisions.
- Choose a major. For assistance in choosing and/or confirming your major, make an appointment with a Career Development Specialist.
- Develop a transfer education plan or review Guided Transfer Pathways (https://elgin.edu/academics/university-transfer-partnerships/transfer-guides/guided-transfer-pathways/) with your academic advisor and keep her or him informed of your transfer plans.
- Discover your options. Meet with college representatives on ECC’s campus at College Night, State University Transfer Day, Private Illinois Colleges and Universities (PICU) fair and other transfer events (https://elgin.edu/academics/university-transfer-partnerships/university-transfer-partnerships-events-activities/) throughout the year.
- Discuss special transfer partnerships and opportunities with your academic advisor.
- Examine all of your options. Become familiar with transfer institutions’ entrance, graduation, and major requirements.
- Take a road trip. Visit the campuses of the schools you are considering.
- Compare information gathered on your transfer school options and make a decision on your transfer school.
- Contact the admissions department of your transfer school. Maintain contact with your academic advisor at ECC and at your transfer school to ensure you are on the right path.
- Use the Self Service module on accessECC to track your progress toward completion.
- Complete your associate degree. At the beginning of your last semester at ECC, apply for graduation. Apply for your degree even if you do not plan to participate in the graduation ceremony; go to elgin.edu/graduation (http://www.elgin.edu/graduation/).
- Attend orientation at your new school. These orientations help ease the transfer process.

Consider taking GSD 120, Exploring Careers and College Majors, to investigate career choice, college majors, and choosing a transfer college or university.

- For more information, or to make an appointment with an Academic Advisor or Career Development Specialist, call the Student Success Center at 847-214-7390, schedule directly through accessECC, or visit their web page elgin.edu/advising (http://www.elgin.edu/advising/).
Transfer Process

Plan ahead. The earlier you begin to prepare for transfer, the better. For a successful transfer to a four-year college or university, ECC recommends the following:

- Visit Academic and Transfer Advising Services where professional academic advisors can assist you with your educational choices and decisions.
- Choose a major. If you need assistance choosing a major, make an appointment with a Career Development Specialist.
- Shop around. Attend college night where over 150 college representatives visit ECC’s campus.
- Examine all your options. Obtain and study catalogs and the website of the four-year colleges or universities you are considering. Become familiar with their entrance, graduation, and major requirements.
- Take a road trip. Visit the campuses of the schools you are considering.
- Compare information gathered on your transfer school options and make a decision on your transfer school.
- Create a transfer educational plan with your academic advisor and keep him or her informed of your transfer plans.
- Contact the admissions department of your transfer school. Maintain contact with your academic advisor at ECC and at your transfer school to ensure you are on the right path.
- Use the Academic Planning, Registration, and Payment Module on accessECC to track your progress toward completion.
- Complete your associate degree. At the beginning of your last semester at ECC, apply for graduation. Apply for your degree even if you do not plan to participate in the graduation ceremony; go to elgin.edu/graduation (http://www.elgin.edu/graduation/).
- Attend orientation at your new school. These orientations help ease the transfer process.

Consider taking GSD 120, Exploring Careers and College Majors, to investigate career choice, college majors, and choosing a transfer college or university.

- For more information, or to make an appointment with an Academic Advisor or Career Development Specialist, call the Student Success Center at 847-214-7390 or visit their web page elgin.edu/advising (http://www.elgin.edu/advising/) or https://elgin.edu/life-at-ecc/career-development-services/.

Transfer Guarantee

It is the policy of the District 509 Board of Trustees that students completing a transfer associate degree from ECC be guaranteed the acceptance of credits earned at ECC by the transfer institution, backed by an offer of a refund of tuition for any courses not accepted, subject to the conditions outlined below.

1. The application for a refund must be submitted within one calendar year of completion or graduation with a transfer degree from ECC.
2. The course must have been completed with a grade of C or better.
3. The refund would be based upon the tuition paid at the time the course was completed.
4. The student has met with an authorized advisor from ECC, declared a major and a transfer college or university prior to taking any courses in the guarantee, and taking only those courses approved in writing by the ECC advisor.
5. The student transfers to the college or university declared within two years of initial enrollment at ECC.
6. The student requests an evaluation by the transfer institution of the ECC courses completed immediately upon transfer.
7. The student cooperates with ECC personnel in resolving any transfer difficulties by notifying the college and submitting any necessary consents or releases for student records or correspondence.
8. The student submits within 60 days of being notified by the transfer institution that a course has been refused for credit and makes a claim for the refund. The claim must state the reasons for the refusal offered by the institution, the name, position, address, and telephone number of the person notifying the student of the refusal and copies of any correspondence or documentation provided by the transfer institution. The college will first attempt to resolve the issue with the transfer institution. If a favorable resolution is not achieved within 120 days, the reimbursement will be authorized.

The sole recourse available to participants enrolled in this guarantee program shall be limited to the tuition reimbursement of the class at the time of enrollment, with no recourse for damages, court costs, or any associated costs of any kind, or right to appeal beyond those specified by ECC.

Illinois Articulation Initiative (IAI)

This statewide agreement, in which ECC participates, allows easy transfer of completed general education core curriculum between participating Illinois colleges and universities. Transferring students are assured that general education requirements for an associate degree or lower-division general education requirements for a bachelor's degree have been satisfied. Receiving institutions may require admitted transfer students to complete institution-wide and/or mission-related graduation requirements beyond the scope of the IAI general education core curriculum. All community colleges, all public state universities, and most private colleges/universities have endorsed the IAI.

The IAI recommends courses typically taken by freshmen and sophomores for a specific major and those recommendations are noted as part of the course description shown in this catalog. However, those recommendations are intended for students who are undecided about a transfer school. For students who know where they will transfer, see an ECC advisor for an educational plan designed for a particular transfer institution. You may also read about the IAI on the Web at itransfer.org (http://www.itransfer.org).

Transferology

Transferology is a nation-wide network designed to help students explore their college transfer options.

Simply enter or upload your courses to find equivalent courses at other schools. Matches are ranked by awarded credit, so you can eliminate the guesswork and maximize your transfer potential. Search for courses offered at ECC based on the required and prerequisite courses needed to complete your degree at the school you plan to transfer.

Students can create a free account at transferology.com (http://transferology.com) to view how courses, exams, and/or military credit they have taken or plan to take transfer to another college or university.
for credit. See your academic advisor in the Student Success Center (B120) for assistance.

The Center for Advanced Studies

elgin.edu/advancedstudies (http://www.elgin.edu/advancedstudies/)
Building E, Room E205

Bachelor's Degree Partners on Campus

Students can meet with representatives from Columbia College of Missouri, Judson University, Northern Illinois University, and Roosevelt University in offices located on ECC's campus. These partner schools offer opportunities to complete a bachelor's degree and certificates on ECC's campus, online, or at other locations in and near Elgin.

Columbia College of Missouri

ECC has partnered with Columbia College of Missouri to offer convenient access to upper-level courses leading to a bachelor's degree while allowing students to complete their entire bachelor's degree program on ECC's campus. Students complete the first two to three years of a bachelor's degree enrolling in ECC courses at ECC's lower tuition rates, then enjoy a seamless transition to Columbia College of Missouri.

Degree Options Include:

- Bachelor of Arts or Science in business administration with majors in management, marketing, or human resources management.
- Bachelor of Arts in criminal justice administration, human services, or interdisciplinary studies.

For more information, phone: 847-214-7197; email: elgin@ccis.edu; website: ccis.edu/elgin (http://www.ccis.edu/elgin/).

Judson University, Elgin

Earn your associate and bachelor's degrees without leaving Elgin. Complete your associate degree at Elgin Community College, then finish your bachelor's degree down the road at Judson University. Arrange an appointment to meet with a Judson University representative in offices located on ECC's campus.

For more information, phone: 847-214-7075 or 7076; email: judson@elgin.edu; website: judsonu.edu (http://www.judsonu.edu).

Northern Illinois University, DeKalb

Earn an associate degree at Elgin Community College, then finish your NIU bachelor's degree or certificate at nearby convenient locations or online. Programs include, but are not limited to:

- BS Elementary Education
- Health and Human Sciences
- Liberal Arts and Sciences
- Nursing – RN to BSN Completion Program

To find out the locations for the above programs or for more information, phone: 815-753-7097; 866-885-1239; email: admissions@niu.edu; website: niu.edu/offcampusacademics/ccp/ecc.shtml (http://www.niu.edu/offcampusacademics/ccp/ecc.shtml/).

Roosevelt University, Chicago and Schaumburg

Earn an associate degree at Elgin Community College, then finish your bachelor's degree in one of many program areas at Roosevelt University in Chicago, Schaumburg, or online.

To find out the locations for the above programs or for more information, phone: 847-619-7300; email: admissions@roosevelt.edu; website: roosevelt.edu/admission/transfer (http://www.roosevelt.edu/admission/transfer/).

Dual Enrollment Program

ECC partners with Columbia College of Missouri, Elmhurst (https://www.elmhurst.edu/admission/transfer-adult-students/community-college-partnerships/) College, Roosevelt (https://www.roosevelt.edu/admission/) University, and Western Illinois (http://www.wiu.edu/student_services/undergraduate_admissions/linkages.php) University to offer dual admission programs for students planning to pursue a baccalaureate degree following attendance at ECC. Students who are interested in participating in the Dual Admission Program while enrolled at ECC must complete a dual admission application with the intended transfer school. Admitted students begin their coursework at ECC, and starting their junior year enjoy a seamless transition to the university. For more information, visit University Transfer Partnerships (https://elgin.edu/academics/university-transfer-partnerships/transfer-guides/transfer-partnerships/).

Transfer - Compact Agreements

Students in good standing who have completed a baccalaureate-oriented associate degree (AA or AS) will be considered to have attained junior standing upon transfer from ECC to the following universities:

- Chicago State University
- Eastern Illinois University
- Governors State University
- Illinois State University
- Northern Illinois University
- Northeastern Illinois University
- Northern Illinois University Carbondale
- Southern Illinois University Edwardsville
- University of Illinois Springfield
- Western Illinois University

Note: Students are not guaranteed admission to every major or program. Additional courses or specific admission requirements for specialized major or programs may be required. Meet with your academic advisor early and often to ensure that you are taking the courses needed at your intended transfer university.

*Confirmation of all course work with the intended transfer institution is the responsibility of the student. It is recommended that students considering the University of Illinois Champaign-Urbana, University of Illinois-Chicago, any private school, or any out of state school work with an academic advisor to select ECC courses to match the specific freshman and sophomore requirements at those institutions.

Transfer Educational Plans by Major

ECC academic advisors will assist ECC students in creating an educational plan for successful transfer to any college or university.
Joint Agreements

Joint Agreement Guidelines

Joint educational agreements allow students from one community college to enroll in a specified career or occupational program at another community college at in-district tuition rates. Elgin Community College (ECC) has such agreements with all 39 community college districts across the state under the Comprehensive Agreement Regarding the Expansion of Educational Resources (CAREER Agreement).

Students residing in District 509 who wish to complete a degree or certificate not offered at ECC are advised to review catalogs of participating colleges to identify a program of study and the participating college at which they would like to study. Students pursuing a health-related program should be advised special admissions and entrance requirements often apply.

A list of participating colleges can be found at elgin.edu/jointagreements. Students should contact the Office of the assistant vice-president of student services and development/dean of students at 847-214-7715 to initiate the process.

Students are responsible for their own transportation to the college offering the program. Upon completion of a program, students receive the certificate or degree from the college offering the program. Students may take all course work at the college offering the instruction or they may take general education courses at ECC, transferring the credits at a later date.

The following guidelines are used by ECC in implementing joint agreement provisions of the Illinois Public Community College Act.

1. Definition of Resident
   A person is considered a resident of the college district who is 18 years of age or older and resides in District #509; or is less than 18 years of age and resides with a parent or legal guardian in District #509; or is an emancipated minor and resides in District #509.

2. Definition of a Program
   A program is defined as a sequence or cluster of related courses identified as a planned group of offerings leading to a certificate or Associate of Applied Science (AAS) degree which is publicized in the official catalog of an Illinois public community college and approved by the Illinois Community College Board and the Illinois Board of Higher Education. Individual courses, adult continuing education offerings, and non-credit offerings are not considered “programs” for approval purposes. Courses under 100 level and prerequisite courses are not covered under a joint agreement and must be completed at ECC. Persons enrolled at four-year institutions do not qualify for joint agreement for individual courses they may wish to enroll in during any given summer session.

3. Determination of Whether or not a Curriculum is Offered by ECC
   A joint agreement is not authorized if the desired curriculum is offered by ECC. The determination of whether or not the desired program is offered is made by comparing the relevant ECC programs with the desired curriculum and its component courses in the official catalog of the college the applicant wishes to attend. If ECC has a curriculum comparable, as determined by the assistant vice-president of student services and development/dean of students, no joint agreement will be authorized. If two or more such agreements cover the same program, the student may apply for attendance at any of the institutions participating in a formal joint agreement.

4. Distance and Inconvenience
   Distance and inconvenience are not legal grounds for approval of a joint agreement. If a program is offered by ECC, then it is judged to be available. The time of day, the day of the week, location, modality (online, fast track, or face-to-face), or the particular term or semester of offering for the program or its component parts has no bearing on approval of a joint agreement.

5. Enrollment Limitations
   The fact that an ECC program may have limited enrollment or is temporarily closed to enrollment are not considered factors affecting approval.

6. Failure to Meet Entrance Requirements
   The fact that an applicant for joint agreement was previously refused admission to an ECC program because of failure to meet entrance requirements is not legal grounds for authorizing a joint agreement for a comparable program at another public Illinois community college.

7. Split Program
   Even though ECC offers the general education or non-technical courses of a program authorized for a joint agreement, ECC will approve all courses of a program rather than ask the student to split their enrollment and take the general courses with ECC and the technical courses in the neighboring district. If the student wishes to take these courses at ECC, the student should clear the transfer of the courses with the school they attend prior to registration at ECC.

8. Limit on Number of Programs Per Applicant
   Authorization is limited to one program per applicant at any time.

9. Continuity of Authorization
   If ECC has authorized a joint agreement for the first year of a program in another district, and subsequently ECC develops a comparable program, the student is not required to transfer back to ECC for the balance of the program. Generally, once a program has been approved for a joint agreement, ECC continues that approval, upon annual reapplication, until the program is complete. However, should a student withdraw from a program authorized by a joint agreement (either by official notification or by not attending for three consecutive semesters), and that program is subsequently developed and implemented by ECC, a joint agreement will not be renewed and the student must attend the ECC program or pay out-of-district tuition should they elect to re-enter the program from which they withdrew. If a joint agreement is authorized and the student permanently moves out of the ECC district, authorization is valid only for the current unexpired term or semester. Joint agreement will not be continued or honored if the student does not follow the program for which joint agreement was issued.

10. Date for Filing Applications
    Applications for a joint agreement should be filed with ECC at least 30 calendar days prior to the official beginning of classes of the specific term or semester of the college the applicant expects to attend. Once the joint agreement is approved, it is usually valid for one academic year and must be renewed if the applicant wishes to continue for another year.

11. Compliance Guideline
    ECC will audit each semester a joint agreement is issued, and any courses taken which are not part of the approved program will not be honored for a joint agreement; that is, the entire out-of-district tuition for such courses must be borne by the student.

12. Appeal of Joint Agreement Denial
    Students residing in District 509 who wish to complete a degree or certificate not offered at ECC are advised to review catalogs of participating colleges to identify a program of study and the participating college at which they would like to study. Students pursuing a health-related program should be advised special admissions and entrance requirements often apply.

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12. Appeal of Joint Agreement Denial
If a request for a joint agreement is denied by the assistant vice-president of student services and development/dean of students, the student may appeal this decision. The student does this through a letter to initiate appeal submitted to the assistant vice-president of student services and development/dean of students. This letter should outline in detail the reasons why the student feels an exception to these rules should be made. The letter will be forwarded to the vice president for teaching, learning, and student development. The student will be notified of the vice president’s decision.

**Joint Agreement Institutions**

All certificate and AAS programs that ECC does not offer may be covered.

- Black Hawk College
- Carl Sandburg College
- City Colleges of Chicago
- College of DuPage
- College of Lake County
- Danville Community College
- Harper College
- Heartland Community College
- Highland Community College
- Illinois Central College
- Illinois Eastern Community Colleges
- Illinois Valley Community College
- John A. Logan College
- John Wood Community College
- Joliet Junior College
- Kankakee Community College
- Kaskaskia College
- Kishwaukee Community College
- Lake Land College
- Lewis and Clark Community College
- Lincoln Land Community College
- McHenry County College
- Moraine Valley Community College
- Morton College
- Oakton Community College
- Parkland College
- Prairie State College
- Rend Lake College
- Richland Community College
- Rock Valley College
- Sauk Valley Community College
- Shawnee Community College
- South Suburban College
- Southeastern Illinois College
- Southwestern Illinois College
- Spoon River College
- Triton College
- Waubonsee Community College

**Financial Aid, Tuition, and Fees**

**Pay for College**

Elgin Community College is committed to making education as affordable as possible. Find out more at elgin.edu/payforcollege (http://www.elgin.edu/payforcollege/)

**Financial Aid**

elgin.edu/financialaid (http://www.elgin.edu/financialaid/)

- Cost of Attendance
- Dates to Remember
- Financial Aid Forms
- Financial Aid Policies
- Grants
- How to Apply for Financial Aid
- Loans
- Right to Know
- Scholarships
- Student Employment Programs
- Financial Literacy

**Tuition & Fees**

elgin.edu/tuition (http://www.elgin.edu/tuition/)

**Tuition Payment**

- Payment Options – elgin.edu/pay (http://www.elgin.edu/pay/)
- Payment Plan – elgin.edu/paymentplan (http://www.elgin.edu/paymentplan/)
- Payment Calendar – elgin.edu/paymentcalendar (http://www.elgin.edu/paymentcalendar/)
- Payment Policies – elgin.edu/paymentpolicies (http://www.elgin.edu/paymentpolicies/)
  - Past Due Balances
  - Nonsufficient Funds
  - Drop for Nonpayment
  - Refunds for Credit and Non-Credit Courses 2.102
- Refund Schedule – elgin.edu/refunds (http://elgin.edu/refunds/)

**ECC Fees**

elgin.edu/fees (http://www.elgin.edu/fees/)

- Books and Supplies elgin.edu/bookstore (http://www.elgin.edu/bookstore/)
- Child Care Fees
- Course Fees
- Laboratory Fees
- Late Fees/Collection Fees
- Parking Fines – elgin.edu/police (http://www.elgin.edu/police/)
- Proficiency Fee
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## DEGREE PROGRAMS AND CERTIFICATES

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<td>Education - Early Childhood (p. 117)</td>
<td>AAS</td>
<td>Illinois Director's Credential Level I, Infant/Toddler credential, the ECC Credentials Level 2-4, and ESL/Bilingual Credential through Gateways for Illinois</td>
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<td>Illinois Director's Credential Level I, Infant/Toddler credential, the ECC Credentials Level 2-4, and ESL/Bilingual Credential through Gateways for Illinois</td>
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<td>Emergency Medical TechnicianBasic (p. 123)</td>
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<td>Emergency Medical Technology Paramedic (p. 123)</td>
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<td>Human Services – H.S. Generalist</td>
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<td>Human Services – Substance Abuse</td>
<td>Human Services Substance Abuse Counseling (p. 154)</td>
<td>VS Certificate</td>
<td>Illinois Alcohol and Other Drug Abuse Professional Certification Association, Inc. (IAODAPCA), the Council for Standards in Human Services Education (CSHSE), and by the National Addiction Studies Accreditation Commission (NASAC).</td>
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<td>Sterile Processing and Distribution</td>
<td>BVS Certificate</td>
<td>HPE</td>
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### General Education Outcomes

#### General Education at Elgin Community College

Through classroom and cross-campus experiences, ECC students develop skills and knowledge necessary for academic, career, and civic success. The curriculum provides students the foundation to create meaningful lives as contributors to their local communities and throughout the interconnected world.

To promote lifelong learning, ECC provides opportunities to develop knowledge, skills, attitudes, values, and perspectives under the guidance of the following General Education Learning Outcomes:

#### Communication

Students will demonstrate effective communication skills by being able to:

- Identify audience, context, and purpose of messages.
- Read or listen to a variety of written texts, media formats, and images to comprehend and apply information.
- Create clear, well-organized written, oral or visual messages.
- Produce mechanically correct texts.

#### Scientific Literacy

Students will demonstrate scientific understanding by being able to:

- Make observations and develop a testable hypothesis.
- Collect and examine scientific data.
- Evaluate, analyze, and draw valid conclusions.
- Make reasoned judgments about the impact of science on the individual, community, society, and environment.

#### Quantitative Literacy

Students will demonstrate an understanding of the language of mathematics and its real-world applications by being able to:

- Read and communicate with mathematical symbols and graphical representations.
- Accurately perform measurements and calculations.
- Analyze and interpret data.
- Estimate the reasonableness of conclusions.

#### Critical Thinking

Students will demonstrate critical thinking skills by being able to:

- Form logical arguments by interpreting, analyzing, and synthesizing multiple perspectives, experiences, assumptions, and evidence.
- Develop reasoned solutions to problems by evaluating issues, ideas, facts, and inferences.
• Make ethical, creative, and informed conclusions by using evidence and applying reasoning.

Information Literacy
Students will demonstrate information literacy by being able to:
• Engage in an ongoing process of forming questions and identifying gaps in their knowledge related to a particular subject matter.
• Utilize research tools to locate relevant sources that address their inquiry.
• Determine the credibility of a source utilizing indicators of authority and purpose (such as publication type, author’s credentials, intentions, and potential bias).
• Credit or cite sources correctly and ethically.

Global & Multi-cultural Literacy
Students will begin to develop a sense of global awareness, cultural competence, and civic responsibility by being able to:
• Identify the historical, cultural, and socioeconomic perspectives of living in a global society.
• Describe, interpret, and analyze culture in self and others.
• Take an active role in the community.

Waiver of General Education Requirements
An ECC student is expected to complete the general education requirements as outlined in each associate degree unless she/he has already received a bachelor’s degree from an accredited American college or university. Credit earned for academic courses completed at an institution in a country other than the U.S. may be accepted if it is recommended by Education Credential Evaluators (ECE) or World Education Services (WES).

An individual with a baccalaureate degree will have his/her general education courses within an associate degree considered completed unless his/her degree must meet specific requirements outlined by a professional accrediting body. e.g., National League for Nursing, American Bar Association, etc., or a specific course from the general education core is required for degree. In such cases, the coordinator of the department within which the associate degree is found must be consulted before substitutions are allowed.

University Transfer
ECC’s Transfer Program is a great place to start a four-year degree. It provides foundation courses equivalent to the first two years of a bachelor’s degree and leads to transfer with junior standing to the college or university of choice. Core, prerequisite and required courses are developed into a guided transfer education plan to mirror the requirements of your targeted degree program at your transfer institution. For students who have identified a program of study but not yet identified a transfer institution, Guided Transfer Pathways can be used with an academic advisor to plan courses most often required of their preferred major.

The following college majors are offered at many Illinois state universities.

Foundation courses required for the college majors listed below are available at ECC. Students can visit Elgin Community College’s University Transfer page at elgin.edu/universitytransfer to learn about the steps involved in transfer planning; gain access to transfer schools’ admissions information, articulation guides, and transfer contacts; identify majors and programs offered at several Illinois universities; view partnerships ECC has with other 4-year institutions; and access the calendar for upcoming transfer events.

• Accounting
• Art and Graphic Design
• Architecture
• Behavioral Sciences
• Biology
• Business
• Chemistry
• Communications and Languages
• Computer Sciences
• Criminal Justice
• Education
• Engineering and Technology
• English
• Family and Consumer Sciences
• Finance
• Health Professions
• Hospitality and Leisure
• Journalism
• Literature
• Mathematics
• Music
• Nutrition
• Philosophy and Humanities
• Physical Education and Recreation
• Psychology
• Physics
• Public Service Professions
• Sociology
• Theatre
• … and many more!

Preparation for post-graduate professions:
• Healthcare
• Higher Education
• Law
• Medicine
• Science and Technology
• Veterinary Medicine

Transfer Degrees
The following five associate degrees are available in the ECC University Transfer Program. They are detailed in this section of the catalog:
• Associate in Arts (p. 32)
• Associate in Science (p. 34)
• Associate in Fine Arts-Music Performance Emphasis (p. 36)
Degree Requirements

- Associate in Fine Arts-Visual Art Emphasis (p. 38)
- Associate in Engineering Science (p. 40)
- Associate in Liberal Studies (p. 42)

Should a student seek to earn more than one transfer degree, he or she will need to submit a Petition to Earn Multiple Associate Transfer Degrees form to the associate dean of advising, transfer, and career development services.

Associate in Arts Degree

The Associate of Arts degree is designed for transfer towards a variety of bachelor’s degrees. This degree fulfills most general education requirements and first two academic years for many (but not all) baccalaureate programs at four-year institutions. Students considering this degree are encouraged to meet with an academic advisor to determine the most appropriate or required course selections for their transfer goals.

Graduates earning this degree meet the requirement for coursework on improving human relations as defined in 110 ILCS 205/9.21 (formerly Ill. Rev. Stat. 1991 Ch. 144 sec. 189.21) or PA-87-581.

Students with previous academic, career and life experiences are encouraged to have a transcript analysis completed and to investigate CLEP and ECC proficiency credit to fulfill prerequisite, course, and/or degree requirements. An academic advisor can help with this process.

Each of the courses listed below has an Illinois Articulation Initiative (IAI) equivalent number. Refer to the Course Description section in this catalog for course titles, IAI numbers, and specifics.

Degree Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td><strong>General Education Requirement</strong></td>
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<tr>
<td><strong>Communications</strong></td>
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<td>9</td>
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<tr>
<td>Three courses including a two-course sequence in writing and one course in oral communication. A grade of C or better in ENG 101 and ENG 102 is required.</td>
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<tr>
<td>ENG 101</td>
<td>English Composition I</td>
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<tr>
<td>ENG 102</td>
<td>English Composition II</td>
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<tr>
<td>CMS 101</td>
<td>Fundamentals of Speech</td>
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<tr>
<td><strong>Mathematics</strong></td>
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<td>Select one of the following:</td>
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<tr>
<td>MTH 102</td>
<td>General Education Statistics</td>
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<tr>
<td>MTH 104</td>
<td>General Education Mathematics</td>
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<tr>
<td>MTH 120</td>
<td>Statistics I</td>
<td></td>
</tr>
<tr>
<td>MTH 125</td>
<td>Finite Math for Business &amp; Managmt</td>
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<tr>
<td>MTH 126</td>
<td>Calculus for Business/Social Science</td>
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<tr>
<td>MTH 190</td>
<td>Calculus with Analytic Geometry I</td>
<td></td>
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<tr>
<td>MTH 210</td>
<td>Calculus with Analytic Geometry II</td>
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<tr>
<td>MTH 230</td>
<td>Calculus with Analytic Geometry III</td>
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</tr>
<tr>
<td>MTH 113</td>
<td>Math for Elementary Teaching II (for elementary education majors only)</td>
<td></td>
</tr>
<tr>
<td><strong>Physical and Life Sciences</strong></td>
<td></td>
<td>7</td>
</tr>
<tr>
<td>Two courses with one course selected from the life sciences and one course from the physical sciences, one of these must include a lab. (Note: L=Lab)</td>
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</tbody>
</table>

Physical Sciences:

- APS 101 Earth Science (L)
- APS 111 Applied Physical Science (L)
- ATY 100 Astronomy
- CHM 101 Preparatory Chemistry (L)
- CHM 112 Elements of Chemistry: General (L)
- CHM 142 General Chemistry I (L)
- GEO 115 Intro to Physical Geography
- GLY 105 Environmental Geology
- GLY 112 Physical Geology (L)
- PHY 101 General Physics I (L)
- PHY 211 Engineering Physics I (L)

Life Sciences:

- BIO 105 Survey of Environmental Biology
- BIO 108 Biology for Contemporary Society (L)
- BIO 110 Principles of Biology (L)
- BIO 113 Molecular & Cellular Biology (L)
- BIO 114 Organismal Bio, Evolution, Ecology (L)
- BIO 115 Environmental Biology (L)

Human Relations

Take one course. The course selected can also satisfy the Humanities & Fine Arts requirement or the Social & Behavioral Sciences requirement and can be applied in both categories to fulfill the degree requirements. (Note: N=human diversity from a non-western perspective; D=human diversity within the United States)

- ART 154 Survey of Non-Western Art (N)
- ATR 120 Introduction to Anthropology (N)
- ATR 220 Cultural Anthropology (N)
- GEO 116 Human Geography (N)
- GEO 216 Geography of the Developing World (N)
- HIS 115 History of World Civilizations I (N)
- HIS 116 History of World Civilizations II (N)
- HIS 119 History & Politics of Gender (D)
- HIS 120 History of the Non-Western World I (N)
- HIS 121 History of the Non-Western World II (N)
- HIS 130 History of Latin America I (N)
- HIS 131 History of Latin America II (N)
- HIS 140 History of Asia & Pacific I (N)
- HIS 141 History of Asia & Pacific II (N)
- HIS 180 History of U.S. Latinas and Latinos (D)
- HIS 189 African American History I (D)
- HIS 190 African American History II (D)
- HUM 103 Intro to Non-Western Humanities (N)
- HUM 170 Introduction to Asian Philosophies (N)
- HUM 203 Comparative Religions (N)
- LIT 210 Multicultural American Literature (D)
- LIT 211 Intro to Literature by Women (D)
- LIT 220 LGBTQ Literature (D)
- LIT 223 International Literature (N)
- MUS 104 Musics of the World (N)
- POS 253 Non-Western Comparative Government (N)
- SOC 209 Racial and Ethnic Relations (D)
- SOC 220 Gender Roles and Social Change (D)
**THE 124** American Drama (D)

**Humanities and Fine Arts**

Three courses with at least one course from humanities and at least one course from fine arts. (Note: N=human diversity from a non-western perspective; D=human diversity within the United States)

<table>
<thead>
<tr>
<th>Humanities:</th>
<th>Fine Arts:</th>
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</thead>
<tbody>
<tr>
<td>FRN 202 Intermediate French II</td>
<td>ART 115 Art Appreciation</td>
</tr>
<tr>
<td>GRM 202 Intermediate German II</td>
<td>ART 130 Art of Film</td>
</tr>
<tr>
<td>SPN 202 Intermediate Spanish II</td>
<td>ART 151 History of Art I</td>
</tr>
<tr>
<td>HIS 118 Foundations of Civilization</td>
<td>ART 152 History of Art II</td>
</tr>
<tr>
<td>HIS 160 American Civilization</td>
<td>ART 154 Survey of Non-Western Art (N)</td>
</tr>
<tr>
<td>HUM 110 Introduction to Philosophy</td>
<td>ART 155 History of Photography</td>
</tr>
<tr>
<td>HUM 112 Western Philosophy I</td>
<td>MUS 104 Musics of the World (N)</td>
</tr>
<tr>
<td>HUM 113 Western Philosophy II</td>
<td>MUS 105 Music Appreciation</td>
</tr>
<tr>
<td>HUM 115 Critical Reasoning</td>
<td>MUS 106 Music Literature From 1400 to 1750</td>
</tr>
<tr>
<td>HUM 116 Logic</td>
<td>MUS 107 Music Liter. From 1750 to Present</td>
</tr>
<tr>
<td>HUM 170 Introduction to Asian Philosophies (N)</td>
<td>CMS 106 Introduction to Film Appreciation</td>
</tr>
<tr>
<td>HUM 202 Philosophy of Religion</td>
<td>THE 100 Theatre Appreciation</td>
</tr>
<tr>
<td>HUM 203 Comparative Religions (N)</td>
<td>THE 122 Intro-Theater History &amp; Literature</td>
</tr>
<tr>
<td>HUM 204 Introduction to Religious Studies</td>
<td>THE 124 American Drama</td>
</tr>
</tbody>
</table>
| HUM 205 Introduction to Mythology | Interdisciplinary Humanities and Fine Arts (May count as either Humanities or Fine Arts):
| HUM 216 Ethics | HUM 101 Introduction to Western Humanities I |
| LIT 201 Introduction to Literature: Fiction | HUM 102 Introduction to Western Humanities II |
| LIT 202 Introduction to Literature: Drama | HUM 103 Intro to Non-Western Humanities (N) |
| LIT 203 Introduction to Literature: Poetry | LIT 229 Novel and Film |
| LIT 205 Introduction to Shakespeare | Social & Behavioral Sciences
| LIT 210 Multicultural American Literature (D) | Three courses with at least one course from social sciences and at least one course from behavioral sciences. (Note: N=human diversity from a non-western perspective; D=human diversity within the United States)
| LIT 211 Intro to Literature by Women (D) | Social Sciences:
| LIT 220 LGBTQ Literature | ECN 101 Fundamentals of Economics |
| LIT 223 International Literature (N) | ECN 201 Principles of Microeconomics |
| LIT 225 Children's Literature | ECN 202 Principles of Macroeconomics |
| LIT 230 Masterpieces of World Lit | GEO 116 Human Geography (N) |
| LIT 235 Bible as Literature | GEO 216 Geography of the Developing World (N) |
| LIT 241 Great Books Seminar I | HIS 101 History of Western Civilization I |
| LIT 242 Great Books Seminar II | HIS 102 History of Western Civilization II |
| LIT 243 Great Books Seminar III | HIS 115 History of World Civilizations I (N) |
| LIT 244 Great Books Seminar IV | HIS 116 History of World Civilizations II (N) |
| LIT 245 Great Books Seminar V | HIS 119 History & Politics of Gender (D) |

<table>
<thead>
<tr>
<th>Social &amp; Behavioral Sciences</th>
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</thead>
<tbody>
<tr>
<td>LIT 229 Novel and Film</td>
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<tr>
<td>Social Sciences:</td>
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<tr>
<td>ECN 101 Fundamentals of Economics</td>
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<tr>
<td>ECN 201 Principles of Microeconomics</td>
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<tr>
<td>ECN 202 Principles of Macroeconomics</td>
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<tr>
<td>GEO 116 Human Geography (N)</td>
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<td>GEO 216 Geography of the Developing World (N)</td>
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<td>HIS 101 History of Western Civilization I</td>
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<td>HIS 116 History of World Civilizations II (N)</td>
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<tr>
<td>HIS 119 History &amp; Politics of Gender (D)</td>
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<td>HIS 120 History of the Non-Western World I (N)</td>
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<td>HIS 121 History of the Non-Western World II (N)</td>
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<td>HIS 130 History of Latin America I (N)</td>
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<td>HIS 131 History of Latin America II (N)</td>
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<tr>
<td>HIS 140 History of Asia &amp; Pacific I (N)</td>
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<tr>
<td>HIS 141 History of Asia &amp; Pacific II (N)</td>
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<tr>
<td>HIS 151 U S History to 1870</td>
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<tr>
<td>HIS 152 U S History Since 1865</td>
</tr>
<tr>
<td>POS 150 Amer Government - National</td>
</tr>
<tr>
<td>POS 151 Amer Govt State Local</td>
</tr>
<tr>
<td>POS 152 Principles of Political Science</td>
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<tr>
<td>POS 250 Comparative Political Systems</td>
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<tr>
<td>POS 251 International Relations</td>
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<tr>
<td>POS 253 Non-Western Comparative Government (N)</td>
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<tr>
<th>Behavioral Sciences:</th>
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<tbody>
<tr>
<td>ATR 120 Introduction to Anthropology (N)</td>
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<tr>
<td>ATR 210 General Prehistoric Archeology</td>
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<tr>
<td>ATR 220 Cultural Anthropology (N)</td>
</tr>
<tr>
<td>ATR 250 Human Evolution</td>
</tr>
<tr>
<td>PSY 100 Intro to Psychology</td>
</tr>
<tr>
<td>PSY 212 Child Psychology</td>
</tr>
<tr>
<td>PSY 214 Adulthood and Aging</td>
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<tr>
<td>PSY 215 Social Psychology</td>
</tr>
<tr>
<td>PSY 218 Human Growth and Development</td>
</tr>
<tr>
<td>SOC 100 Principles of Sociology</td>
</tr>
<tr>
<td>SOC 201 Social Problems</td>
</tr>
<tr>
<td>SOC 209 Racial and Ethnic Relations (D)</td>
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<tr>
<td>SOC 210 Marriage and Family</td>
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<tr>
<td>SOC 215 Social Psychology</td>
</tr>
<tr>
<td>SOC 220 Gender Roles and Social Change (D)</td>
</tr>
</tbody>
</table>
**College Requirements**

1. A total of 60 hours or more must be completed as specified. This total cannot include any credits earned in courses numbered below 100 or any courses with ABE, ASE, AMT, ARW, ECO, or ESL prefixes. The 60 hours total may include up to four hours of credit in physical education courses prefixed by PHC.

2. A minimum cumulative grade point average of 2.0 for all courses numbered 100 and above.

3. Meet the college's Academic Residency Requirement for University Transfer degrees: A minimum of 15 semester hours in courses numbered 100 and above and must have been achieved at ECC, excluding AP, CLEP, and proficiency credits.

4. Students may apply up to six hours of Independent Study credit toward any associate degree.

5. Students can earn only one transfer associate degree. Should a student seek to earn more than one transfer degree, a Petition to Earn Toward Any Associate Degree may be submitted to the associate dean of advising, transfer, and career development services.

**Associate in Science Degree**

The Associate in Science is designed for transfer towards specific science bachelor's degrees. The general education courses required for the Associate of Science degree are approved by the Illinois Articulation Initiative (IAI); however, the structure of the degree does not meet the minimum IAI general education core requirements. Students will need to complete the general education requirements of the school to which they transfer. Students considering this degree are encouraged to meet with an academic advisor to determine the most appropriate or required course selections for their transfer goals.

Graduates earning this degree meet the requirement for coursework on improving human relations as defined in 110 ILCS 205/9.21 (formerly Ill. Rev. Stat. 1991 Ch. 144 sec. 199.21) or PA-87-581.

Students with previous academic, career and life experiences are encouraged to have a transcript analysis completed and to investigate CLEP and ECC proficiency credit to fulfill prerequisite, course, and/or degree requirements. An academic advisor can help with this process.

**Degree Requirements**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tr>
<td><strong>General Education Requirement</strong></td>
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<tr>
<td>ENG 101</td>
<td>English Composition I</td>
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<td><strong>Total Credit Hours</strong></td>
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<tr>
<td>BIO 240</td>
<td>Human Anatomy and Physiology</td>
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<td>BIO 245</td>
<td>Human Anatomy and Physiology I</td>
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<td>BIO 246</td>
<td>Human Anatomy and Physiology II</td>
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<td>BIO 265</td>
<td>Microbiology</td>
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<td>CIS 121</td>
<td>Computer Science I</td>
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<td>CIS 123</td>
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<td>MTH 123</td>
<td>Computer Science for Engineers</td>
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<td>Discrete Structures</td>
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<td>CIS 226</td>
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<td><strong>Humanities and Fine Arts</strong></td>
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<td></td>
<td>Two courses with at least one course selected from humanities and one course from fine arts. (Note: N=human diversity from a non-western perspective; D=human diversity within the United States)</td>
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<td>Humanities:</td>
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<td>GRM 202</td>
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<td>SPN 202</td>
<td>Intermediate Spanish II</td>
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<tr>
<td>HIS 118</td>
<td>Foundations of Civilization</td>
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<tr>
<td>HIS 160</td>
<td>American Civilization</td>
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<tr>
<td>HUM 110</td>
<td>Introduction to Philosophy</td>
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<tr>
<td>HUM 112</td>
<td>Western Philosophy I</td>
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<td>HUM 113</td>
<td>Western Philosophy II</td>
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<td>HUM 115</td>
<td>Critical Reasoning</td>
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<tr>
<td>HUM 116</td>
<td>Logic</td>
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<td>HUM 170</td>
<td>Introduction to Asian Philosophies (N)</td>
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<tr>
<td>HUM 202</td>
<td>Philosophy of Religion</td>
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<td>HUM 203</td>
<td>Comparative Religions (N)</td>
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<td>HUM 204</td>
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<td>HUM 205</td>
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<td>HUM 216</td>
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<td>LIT 202</td>
<td>Introduction to Literature:Drama</td>
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<td>LIT 203</td>
<td>Introduction to Literature:Poetry</td>
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<td>LIT 205</td>
<td>Introduction to Shakespeare</td>
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<td>LIT 210</td>
<td>Multicultural American Literature (D)</td>
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<td>Bible as Literature</td>
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<td>LIT 243</td>
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<td>LIT 244</td>
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<td>LIT 245</td>
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<td>Fine Arts:</td>
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<td>ART 115</td>
<td>Art Appreciation</td>
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<tr>
<td>ART 130</td>
<td>Art of Film</td>
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<tr>
<td>ART 151</td>
<td>History of Art I</td>
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<tr>
<td>ART 152</td>
<td>History of Art II</td>
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<tr>
<td>ART 154</td>
<td>Survey of Non-Western Art (N)</td>
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<tr>
<td>ART 155</td>
<td>History of Photography</td>
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<tr>
<td>MUS 104</td>
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<td>MUS 105</td>
<td>Music Appreciation</td>
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<td>MUS 106</td>
<td>Music Literature From 1400 to 1750</td>
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<td>MUS 107</td>
<td>Music Liter. From 1750 to Present</td>
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<td>THE 100</td>
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<tr>
<td>THE 122</td>
<td>Intro-Theater History &amp; Literature</td>
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<td>THE 124</td>
<td>American Drama</td>
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<td>HUM 101</td>
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<td>HUM 102</td>
<td>Introduction to Western Humanities II</td>
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<tr>
<td>HUM 103</td>
<td>Intro to Non-Western Humanities (N)</td>
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<td>LIT 229</td>
<td>Novel and Film</td>
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<tr>
<td></td>
<td><strong>Social &amp; Behavioral Sciences</strong></td>
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<td>Principles of Microeconomics</td>
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<td>Principles of Macroeconomics</td>
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<td>Human Geography (N)</td>
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<td>Geography of the Developing World (N)</td>
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<td>History of Western Civilization II</td>
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<td>HIS 131</td>
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<td>HIS 141</td>
<td>History of Asia &amp; Pacific II (N)</td>
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<td>HIS 151</td>
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<td>HIS 152</td>
<td>U S History Since 1865</td>
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<td>POS 150</td>
<td>Amer Government - National</td>
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<td>POS 151</td>
<td>Amer Govt State Local</td>
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<td>POS 152</td>
<td>Principles of Political Science</td>
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<td>POS 250</td>
<td>Comparative Political Systems</td>
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<td>POS 251</td>
<td>International Relations</td>
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<td>POS 253</td>
<td>Non-Western Comparative Government (N)</td>
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<td>Behavioral Sciences:</td>
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<td>ATR 120</td>
<td>Introduction to Anthropology (N)</td>
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<td>ATR 210</td>
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<td>ATR 220</td>
<td>Cultural Anthropology (N)</td>
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<td>Human Evolution</td>
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PSY 212  Child Psychology  
PSY 214  Adulthood and Aging  
PSY 215  Social Psychology  
PSY 218  Human Growth and Development  
SOC 100  Principles of Sociology  
SOC 201  Social Problems  
SOC 209  Racial and Ethnic Relations (D)  
SOC 210  Marriage and Family  
SOC 215  Social Psychology  
SOC 220  Gender Roles and Social Change (D)  

Major Field and Elective Courses  23  

Students should choose an intended major at a transfer institution as soon as possible and select courses which are required for their major. After fulfilling required courses for their major, students may complete this area with electives. In general, any course numbered 100 or above with a 1.1 code in the course description may be used. If the student wishes to enroll in a course which does not have a 1.1 code he/she should see an advisor prior to enrolling to discuss the transferability of the course.

Total Credit Hours  60  

College Requirements  
1. A total of 60 hours or more must be completed as specified. This total cannot include any credits earned in courses numbered below 100 nor any courses with ABE, ASE, ECO, or ESL prefixes. The 60 hours total may include up to four hours of credit in physical education, courses prefixed by PHC.  
2. A minimum cumulative grade point average of 2.0 for all courses numbered 100 and above.  
3. Meet the college's Academic Residency Requirement for University Transfer degrees: A minimum of 15 semester hours in courses numbered 100 and above and must have been achieved at ECC, excluding AP, CLEP, and proficiency credits.  
4. Students may apply up to six hours of Independent Study credit toward any associate degree.  
5. Students can earn only one transfer associate degree. Should a student seek to earn more than one transfer degree, they will need to submit a Petition to Earn Multiple Transfer Degrees form to the associate dean of advising, transfer, and career development services.

Associate in Fine Arts Degree - Music Performance Emphasis  

Students who intend to major in music for the baccalaureate degree are strongly encouraged to complete the Associate in Fine Arts (AFA) degree in music, not the Associate in Arts (AA) degree or the Associate in Science (AS) degree, prior to transfer.

To transfer as a junior into a baccalaureate program with a major in music, students should select the option described below in consultation with a faculty member in the music department. Students will need to fulfill the general education requirements of the institution to which they transfer. Transfer admission is competitive. Completion of this option alone does not guarantee admission either to the baccalaureate program or to upper-division or specialty music courses. Students may be required to demonstrate skill level through auditions and placement testing at the institution to which they transfer. In some colleges and universities, a baccalaureate degree may also require competency in a foreign language.

The college recommends using the Academic Planning, Registration, and Payment Tool on accessECC to track your progress toward completion.

The general education courses required for the AFA degree are approved by the Illinois Articulation Initiative (IAI); however, the structure of the AFA degree does not meet the minimum IAI general education core requirements, nor does it meet the requirements for the AA or AS degrees.

Degree Requirements  

General Education Requirement  

Communications  9  
Three courses including a two-course sequence in writing and one course in oral communication. A grade of C or better in ENG 101 and ENG 102 is required.

ENG 101  English Composition I  
ENG 102  English Composition II  
CMS 101  Fundamentals of Speech  

Mathematics  3-4  
One course selected from the courses listed below.

MTH 102  General Education Statistics  
MTH 104  General Education Mathematics  
MTH 120  Statistics I  
MTH 125  Finite Math for Business & Managmt  
MTH 126  Calculus for Business/Social Science  
MTH 190  Calculus with Analytic Geometry I  
MTH 210  Calculus with Analytic Geometry II  
MTH 230  Calculus with Analytic Geometry III  

Physical & Life Sciences  7-8  
Two courses with one course selected from the physical sciences and one course from the life sciences, one of these must include a lab. (Note: L=Lab)

Physical Sciences:

APS 101  Earth Science (L)  
APS 111  Applied Physical Science (L)  
ATY 100  Astronomy  
CHM 101  Preparatory Chemistry (L)  
CHM 112  Elements of Chemistry: General (L)  
CHM 142  General Chemistry I (L)  
GEO 115  Intro to Physical Geography  
GLY 105  Environmental Geology  
GLY 112  Physical Geology (L)  
PHY 101  General Physics I (L)  
PHY 211  Engineering Physics I (L)  

Life Sciences:

BIO 105  Survey of Environmental Biology  
BIO 108  Biology for Contemporary Society (L)  
BIO 110  Principles of Biology (L)  
BIO 113  Molecular & Cellular Biology (L)  
BIO 114  Organismal Bio, Evolution, Ecology (L)  
BIO 115  Environmental Biology (L)  

Humanities  6-7  

Environmental Biology (L)  
Organismal Bio, Evolution, Ecology (L)  
Environmental Biology (L)
Humanities:

FRN 202 Intermediate French II
GRM 202 Intermediate German II
SPN 202 Intermediate Spanish II
HIS 118 Foundations of Civilization
HIS 160 American Civilization
HUM 101 Introduction to Western Humanities I
HUM 102 Introduction to Western Humanities II
HUM 103 Intro to Non-Western Humanities (N)
HUM 110 Introduction to Philosophy
HUM 112 Western Philosophy I
HUM 113 Western Philosophy II
HUM 115 Critical Reasoning
HUM 116 Logic
HUM 170 Introduction to Asian Philosophies (N)
HUM 202 Philosophy of Religion
HUM 203 Comparative Religions (N)
HUM 204 Introduction to Religious Studies
HUM 205 Introduction to Mythology
HUM 216 Ethics
LIT 201 Introduction to Literature: Fiction
LIT 202 Introduction to Literature: Drama
LIT 203 Introduction to Literature: Poetry
LIT 205 Introduction to Shakespeare
LIT 210 Multicultural American Literature (D)
LIT 211 Intro to Literature by Women (D)
LIT 220 LGBTQ Literature
LIT 223 International Literature (N)
LIT 225 Children’s Literature
LIT 229 Novel and Film
LIT 230 Masterpieces of World Lit
LIT 235 Bible as Literature
LIT 241 Great Books Seminar I
LIT 242 Great Books Seminar II
LIT 243 Great Books Seminar III
LIT 244 Great Books Seminar IV
LIT 245 Great Books Seminar V

Social & Behavioral Sciences

One course selected from the courses listed below. (Note: N=human diversity from a non-Western perspective; D=human diversity within the United States)

Social Sciences:

ECN 101 Fundamentals of Economics
ECN 201 Principles of Microeconomics
ECN 202 Principles of Macroeconomics
GEO 116 Human Geography (N)
GEO 216 Geography of the Developing World (N)
HIS 101 History of Western Civilization I
HIS 102 History of Western Civilization II
HIS 115 History of World Civilizations I (N)
HIS 116 History of World Civilizations II (N)

HIS 120 History of the Non-Western World I (N)
HIS 121 History of the Non-Western World II (N)
HIS 130 History of Latin America I (N)
HIS 131 History of Latin America II (N)
HIS 140 History of Asia & Pacific I (N)
HIS 141 History of Asia & Pacific II (N)
HIS 151 U S History to 1870
HIS 152 U S History Since 1865
POS 150 Amer Government - National
POS 151 Amer Govt State Local
POS 152 Principles of Political Science
POS 250 Comparative Political Systems
POS 251 International Relations
POS 253 Non-Western Comparative Government (N)

Behavioral Sciences:

ATR 120 Introduction to Anthropology (N)
ATR 210 General Prehistoric Archeology
ATR 220 Cultural Anthropology (N)
ATR 250 Human Evolution
PSY 100 Intro to Psychology
PSY 212 Child Psychology
PSY 214 Adulthood and Aging
PSY 215 Social Psychology
PSY 218 Human Growth and Development
SOC 100 Principles of Sociology
SOC 201 Social Problems
SOC 209 Racial and Ethnic Relations (D)
SOC 210 Marriage and Family
SOC 215 Social Psychology
SOC 220 Gender Roles and Social Change (D)

Major Field Courses

Music Theory & Aural Skills:

MUS 128 Theory & Ear Training I
MUS 129 Theory & Ear Training II
MUS 228 Theory & Ear Training III
MUS 229 Theory & Ear Training IV

Music Literature/History:

MUS 106 Music Literature From 1400 to 1750
MUS 107 Music Liter. From 1750 to Present

Keyboard Skills:

MUS 126 Class Piano I
MUS 127 Class Piano II

Ensemble:

MUS 101 Band
MUS 102 Jazz Lab Band
MUS 108 Elgin Area Honors Choir
MUS 110 Choir I
MUS 111 Choral Ensemble
MUS 112 Elgin Master Chorale
MUS 122 Percussion Ensemble
MUS 124 Symphony Orchestra

Applied Instruction:
College Requirements

1. A total of 60 hours or more must be completed as specified. This total cannot include any credits earned in courses numbered below 100 nor any courses with ABE, ASE, AMT, ARW, or ESL prefixes. The 60 hours total may include up to four hours of credit in physical education courses prefixed by PHC.

2. A minimum cumulative grade point average of 2.0 for all courses numbered 100 and above.

3. Meet the college’s Academic Residency Requirement for University Transfer degrees: A minimum of 15 semester hours in courses numbered 100 and above and must have been achieved at ECC, excluding AP, CLEP, and proficiency credits.

4. Students may apply up to six hours of Independent Study credit toward any associate degree.

5. Students can earn only one transfer associate degree. Should a student seek to earn more than one transfer degree, a Petition to Earn Multiple Transfer Degrees form must be submitted to the associate dean of advising, transfer, and career development services.

Associate in Fine Arts Degree - Visual Art Emphasis

Illinois colleges and universities offer two different bachelor’s degrees in art: the professional Bachelor of Fine Arts (BFA) degree and the Bachelor of Arts (BA) degree with a major in art. In general, the BFA degree requires about 135-semester credits for completion. The BFA degree generally requires more studio art courses than does the BA degree. In some colleges and universities, a BA degree requires competency in a foreign language, while the BFA degree often does not.

To transfer as a junior into either a BFA or a BA program with a major in art, students should select the option described below in consultation with a faculty member in the art department. Since transfer admission is competitive, completion of this option does not guarantee admission. Most institutions require a portfolio review for admission to a BFA program, for registration in advanced studio art courses, and/or for scholarship consideration. Community and junior college students are strongly encouraged to complete an associate degree before transferring.

The college recommends using the Academic Planning, Registration, and Payment Tool on accessECC to track your progress toward completion.

The general education courses required for the AFA degree are approved by the Illinois Articulation Initiative (IAI); however, the structure of the AFA degree does not meet the minimum IAI general education core requirements, nor does it meet the requirements for the AA or AS degrees.

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<tr>
<th>Course</th>
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<tr>
<td>ENG 101</td>
<td>English Composition I</td>
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<tr>
<td>ENG 102</td>
<td>English Composition II</td>
<td>3-4</td>
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</table>

One course selected from the courses listed below:

- MTH 102 General Education Statistics
- MTH 104 General Education Mathematics
- MTH 120 Statistics I
- MTH 125 Finite Math for Business & Management
- MTH 126 Calculus for Business/Social Science
- MTH 190 Calculus with Analytic Geometry I
- MTH 210 Calculus with Analytic Geometry II
- MTH 230 Calculus with Analytic Geometry III

Physical & Life Sciences

Two courses with one course selected from the physical sciences courses and one course from the life sciences, one of these must include a lab. (Note: L=Lab)

- Physical Sciences:
  - APS 101 Earth Science (L)
  - APS 111 Applied Physical Science (L)
  - AYT 100 Astronomy
  - CHM 101 Preparatory Chemistry (L)
  - CHM 112 Elements of Chemistry: General (L)
  - CHM 142 General Chemistry I (L)
  - GEO 115 Introduction to Physical Geography
  - GLY 105 Environmental Geology
  - GLY 112 Physical Geology (L)
  - PHY 101 General Physics I (L)
  - PHY 211 Engineering Physics I (L)

Life Sciences:

- BIO 105 Survey of Environmental Biology
- BIO 108 Biology for Contemporary Society (L)
- BIO 110 Principles of Biology (L)
- BIO 113 Molecular & Cellular Biology (L)
- BIO 114 Organismal Bio, Evolution, Ecology (L)
- BIO 115 Environmental Biology (L)

Humanities

6

(Note: N=human diversity from a non-Western perspective; D=human diversity within the United States)

Humanities:

- FRN 202 Intermediate French II
- GRM 202 Intermediate German II
- SPN 202 Intermediate Spanish II
- HIS 118 Foundations of Civilization
- HIS 160 American Civilization
- HUM 101 Introduction to Western Humanities I
- HUM 102 Introduction to Western Humanities II
- HUM 103 Intro to Non-Western Humanities (N)
- HUM 110 Introduction to Philosophy
- HUM 112 Western Philosophy I
- HUM 113 Western Philosophy II
- HUM 115 Critical Reasoning
- HUM 116 Logic
- HUM 170 Introduction to Asian Philosophies (N)
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<td>HUM 203</td>
<td>Comparative Religions (N)</td>
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<td>HUM 204</td>
<td>Introduction to Religious Studies</td>
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<td>HUM 205</td>
<td>Introduction to Mythology</td>
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<td>HUM 216</td>
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<td>Multicultural American Literature (D)</td>
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<td>Great Books Seminar I</td>
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**Social & Behavioral Sciences**

6 courses with one course selected from social sciences and one course from behavioral sciences. (Note: N=human diversity from a non-Western perspective; D=human diversity within the United States)

**Social Sciences:**

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<td>HIS 101</td>
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**Behavioral Sciences:**

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**Major Field & Elective Courses**

21 courses

**Art History:**

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**Drawing:**

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**Two-Dimensional Design:**

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**Three-Dimensional Design:**

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<tbody>
<tr>
<td>ART 110</td>
<td>Design II</td>
</tr>
</tbody>
</table>

**Life/figure Drawing:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 201</td>
<td>Life Drawing</td>
</tr>
</tbody>
</table>

**Electives:**

Select studio art courses from at least two of the following disciplines in consultation with an art faculty member:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 107</td>
<td>Painting I</td>
</tr>
<tr>
<td>ART 108</td>
<td>Painting II</td>
</tr>
<tr>
<td>ART 105</td>
<td>Ceramics I</td>
</tr>
<tr>
<td>ART 106</td>
<td>Ceramics II</td>
</tr>
<tr>
<td>ART 103</td>
<td>Sculpture I</td>
</tr>
<tr>
<td>ART 104</td>
<td>Sculpture II</td>
</tr>
<tr>
<td>ART 113</td>
<td>Printmaking I</td>
</tr>
<tr>
<td>ART 114</td>
<td>Printmaking II</td>
</tr>
<tr>
<td>ART 111</td>
<td>Jewelry I</td>
</tr>
<tr>
<td>ART 112</td>
<td>Jewelry II</td>
</tr>
<tr>
<td>ART 120</td>
<td>Darkroom Photography I</td>
</tr>
<tr>
<td>ART 121</td>
<td>Color Photography</td>
</tr>
</tbody>
</table>

**Total Credit Hours**

52-54

1 Transferability of ART 104 Sculpture II, ART 106 Ceramics II, ART 108 Painting II, ART 112 Jewelry II, ART 114 Printmaking II, or ART 121 Color Photography is dependent on a portfolio examination at the senior institution.

**College Requirements**

1. A total of 60 hours or more must be completed as specified. This total cannot include any credits earned in courses numbered below 100 nor any courses with ABE, ASE, AMT, ARW, or ESL prefixes.
Associate in Engineering Science Degree

Bachelor's engineering programs are highly structured to meet the Accreditation Board for Engineering and Technology (ABET) standards required for candidates seeking Illinois registration as a professional engineer. The Associate in Engineering Science (AES) degree is designed to parallel the first two years of pre-engineering programs at most Illinois universities and facilitates students transferring into a bachelor's engineering program with junior standing.

Due to the rigor of the AES curriculum, it is ideal for students to have taken a fourth course of math in high school, or at least have an aptitude in science and math.

Students should select courses in consultation with an academic advisor and should decide on their engineering specialty and their preferred transfer school at the beginning of their sophomore year (at 30 semester hours), since engineering course selections may vary by specialty and school.

Admission into engineering is very competitive. Completion of the pre-engineering courses alone does not guarantee admission to an engineering program.

The college recommends using the Academic Planning, Registration, and Payment Tool on accessECC to track your progress toward completion.

The general education courses required for the AES degree are approved by the Illinois Articulation Initiative (IAI); however, the structure of the AES does not meet the minimum IAI general education core requirements. Students will need to complete the general education requirements of the school to which they transfer.

Degree Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General Education Requirement</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Communications</strong></td>
<td></td>
<td>31-43</td>
</tr>
<tr>
<td>ENG 101</td>
<td>English Composition I</td>
<td></td>
</tr>
<tr>
<td>ENG 102</td>
<td>English Composition II</td>
<td></td>
</tr>
<tr>
<td><strong>Mathematics</strong></td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>MTH 190</td>
<td>Calculus with Analytic Geometry I</td>
<td></td>
</tr>
<tr>
<td>MTH 210</td>
<td>Calculus with Analytic Geometry II</td>
<td></td>
</tr>
<tr>
<td><strong>Life/Physical Sciences</strong></td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>CHM 142</td>
<td>General Chemistry I (L)</td>
<td></td>
</tr>
<tr>
<td>PHY 211</td>
<td>Engineering Physics I (L)</td>
<td></td>
</tr>
<tr>
<td><strong>Humanities/Fine Arts</strong></td>
<td></td>
<td>3-9</td>
</tr>
<tr>
<td>Humanities:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FRN 202</td>
<td>Intermediate French II</td>
<td></td>
</tr>
<tr>
<td>GRM 202</td>
<td>Intermediate German II</td>
<td></td>
</tr>
<tr>
<td>SPN 202</td>
<td>Intermediate Spanish II</td>
<td></td>
</tr>
<tr>
<td>HIS 118</td>
<td>Foundations of Civilization</td>
<td></td>
</tr>
<tr>
<td>HIS 160</td>
<td>American Civilization</td>
<td></td>
</tr>
<tr>
<td>HUM 101</td>
<td>Introduction to Western Humanities I</td>
<td></td>
</tr>
<tr>
<td>HUM 102</td>
<td>Introduction to Western Humanities II</td>
<td></td>
</tr>
<tr>
<td>HUM 103</td>
<td>Intro to Non-Western Humanities (N)</td>
<td></td>
</tr>
<tr>
<td>HUM 110</td>
<td>Introduction to Philosophy</td>
<td></td>
</tr>
<tr>
<td>HUM 112</td>
<td>Western Philosophy I</td>
<td></td>
</tr>
<tr>
<td>HUM 113</td>
<td>Western Philosophy II</td>
<td></td>
</tr>
<tr>
<td>HUM 115</td>
<td>Critical Reasoning</td>
<td></td>
</tr>
<tr>
<td>HUM 116</td>
<td>Logic</td>
<td></td>
</tr>
<tr>
<td>HUM 170</td>
<td>Introduction to Asian Philosophies (N)</td>
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</tr>
<tr>
<td>HUM 202</td>
<td>Philosophy of Religion</td>
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</tr>
<tr>
<td>HUM 203</td>
<td>Comparative Religions (N)</td>
<td></td>
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<tr>
<td>HUM 204</td>
<td>Introduction to Religious Studies</td>
<td></td>
</tr>
<tr>
<td>HUM 205</td>
<td>Introduction to Mythology</td>
<td></td>
</tr>
<tr>
<td>HUM 216</td>
<td>Ethics</td>
<td></td>
</tr>
<tr>
<td>LIT 201</td>
<td>Introduction to Literature:Fiction</td>
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<tr>
<td>LIT 202</td>
<td>Introduction to Literature:Drama</td>
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</tr>
<tr>
<td>LIT 203</td>
<td>Introduction to Literature:Poetry</td>
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</tr>
<tr>
<td>LIT 205</td>
<td>Introduction to Shakespeare</td>
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<tr>
<td>LIT 210</td>
<td>Multicultural American Literature (D)</td>
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</tr>
<tr>
<td>LIT 211</td>
<td>Intro to Literature by Women (D)</td>
<td></td>
</tr>
<tr>
<td>LIT 220</td>
<td>LGBTQ Literature</td>
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</tr>
<tr>
<td>LIT 223</td>
<td>International Literature (N)</td>
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</tr>
<tr>
<td>LIT 225</td>
<td>Children's Literature</td>
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</tr>
<tr>
<td>LIT 229</td>
<td>Novel and Film</td>
<td></td>
</tr>
<tr>
<td>LIT 230</td>
<td>Masterpieces of World Lit</td>
<td></td>
</tr>
<tr>
<td>LIT 235</td>
<td>Bible as Literature</td>
<td></td>
</tr>
<tr>
<td>LIT 241</td>
<td>Great Books Seminar I</td>
<td></td>
</tr>
<tr>
<td>LIT 242</td>
<td>Great Books Seminar II</td>
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</tr>
<tr>
<td>LIT 243</td>
<td>Great Books Seminar III</td>
<td></td>
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<tr>
<td>LIT 244</td>
<td>Great Books Seminar IV</td>
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</tr>
<tr>
<td>LIT 245</td>
<td>Great Books Seminar V</td>
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</tr>
<tr>
<td>Fine Arts:</td>
<td></td>
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</tr>
<tr>
<td>ART 115</td>
<td>Art Appreciation</td>
<td></td>
</tr>
<tr>
<td>ART 130</td>
<td>Art of Film</td>
<td></td>
</tr>
<tr>
<td>ART 151</td>
<td>History of Art I</td>
<td></td>
</tr>
<tr>
<td>ART 152</td>
<td>History of Art II</td>
<td></td>
</tr>
<tr>
<td>ART 154</td>
<td>Survey of Non-Western Art (N)</td>
<td></td>
</tr>
<tr>
<td>ART 155</td>
<td>History of Photography</td>
<td></td>
</tr>
<tr>
<td>HUM 101</td>
<td>Introduction to Western Humanities I</td>
<td></td>
</tr>
<tr>
<td>HUM 102</td>
<td>Introduction to Western Humanities II</td>
<td></td>
</tr>
</tbody>
</table>
### Essential Prerequisite and Pre-Engineering Specialty Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS/MTH 2113</td>
<td>Computer Science for Engineers</td>
</tr>
<tr>
<td>MTH 230</td>
<td>Calculus with Analytic Geometry III</td>
</tr>
<tr>
<td>MTH 250</td>
<td>Differential Equations</td>
</tr>
<tr>
<td>PHY 212</td>
<td>Engineering Physics II</td>
</tr>
</tbody>
</table>

### Pre-Engineering Specialty Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECN 201</td>
<td>Principles of Microeconomics</td>
</tr>
<tr>
<td>CHM 143</td>
<td>General Chemistry II</td>
</tr>
<tr>
<td>CHM 234</td>
<td>Organic Chemistry I</td>
</tr>
<tr>
<td>CHM 235</td>
<td>Organic Chemistry II</td>
</tr>
<tr>
<td>CIS 127</td>
<td>Discrete Structures</td>
</tr>
<tr>
<td>CIS 223</td>
<td>Computer Science II</td>
</tr>
<tr>
<td>CIS 226</td>
<td>Computer Science III</td>
</tr>
<tr>
<td>EGR 100</td>
<td>Introduction to Engineering</td>
</tr>
<tr>
<td>EGR 101</td>
<td>Engineering Design Graphics/Cad</td>
</tr>
<tr>
<td>EGR 152</td>
<td>Statics</td>
</tr>
<tr>
<td>EGR 172</td>
<td>Mechanics of Materials</td>
</tr>
<tr>
<td>EGR 252</td>
<td>Dynamics</td>
</tr>
<tr>
<td>MTH 240</td>
<td>Introduction to Linear Algebra</td>
</tr>
<tr>
<td>PHY 215</td>
<td>Thermal Physics</td>
</tr>
<tr>
<td>PHY 216</td>
<td>Quantum Physics</td>
</tr>
</tbody>
</table>

### Major Field and Elective Courses by Specialty

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>EGR 101</td>
<td>Engineering Design Graphics/Cad</td>
</tr>
<tr>
<td>EGR 152</td>
<td>Statics</td>
</tr>
<tr>
<td>EGR 252</td>
<td>Dynamics</td>
</tr>
<tr>
<td>EGR 192</td>
<td>Engineering Thermodynamics</td>
</tr>
<tr>
<td>EGR 272</td>
<td>Circuit Analysis and Theory</td>
</tr>
<tr>
<td>EGR 292</td>
<td>Introduction to Digital Systems</td>
</tr>
</tbody>
</table>

### Total Credit Hours

<table>
<thead>
<tr>
<th>Total Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>79-114</td>
</tr>
</tbody>
</table>

1. No math lower than MTH 190 Calculus with Analytic Geometry I will count towards the degree.

### College Requirements

1. A total of 60 hours or more must be completed as specified. This total cannot include any credits earned in courses numbered below 100 nor any courses with ABE, ASE, AMT, ARW, or ESL prefixes.

2. A minimum cumulative grade point average of 2.0 for all courses that are applied to the degree.

3. Meet the college’s Academic Residency Requirement for University Transfer degrees: A minimum of 15 semester hours in courses numbered 100 and above and must have been achieved at ECC, excluding AP, CLEP, and proficiency credits.

4. Students may apply up to six hours of Independent Study credit toward any associate degree.

5. Students can earn only one transfer associate degree. Should a student seek to earn more than one transfer degree, a Petition to Earn Multiple Transfer Degrees form must be submitted to the associate dean of advising, transfer, and career development services.
Associate in Liberal Studies Degree

This highly individualized degree combines both liberal arts and sciences and occupational education course work. It provides a greater element of freedom for the student and is especially beneficial for anyone with broad life or educational experiences.

Because of the individualized nature of this degree, all students pursuing it should develop an educational plan with an advisor and should discuss transfer implications as they develop the plan.

The college requires these students to have a plan of study approved by the dean of student services and development or associate dean of advising, transfer, and career development services on file.

The college recommends using the Academic Planning, Registration, and Payment Tool on accessECC to track your progress toward completion.

Students with previous academic, career and life experiences are encouraged to investigate the options of proficiency credit to substitute their acquired knowledge for prerequisite, course, and/or degree requirements.

This degree is intended to articulate to universities offering the Board of Governor’s baccalaureate degree. Transfer of this degree to institutions which do not offer it may result in some loss of credit. Universities offering the Board of Governor’s degree are:

- Chicago State University
- Eastern Illinois University
- Governors State University
- University of Illinois at Springfield
- Western Illinois University

Graduates earning this degree meet the requirement for coursework on improving human relations as defined in 110 ILCS 205/9.21 (formerly Ill. Rev. Stat. 1991 Ch. 144 sec. 189.21) or PA-87-581.

Degree Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General Education Requirement</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Communications</strong></td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>Three courses including a two-course sequence in writing and one course in oral communication. A grade of C or better in ENGL 101 and ENG 102 is required.</td>
<td></td>
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<tr>
<td>ENG 101</td>
<td>English Composition I</td>
<td></td>
</tr>
<tr>
<td>ENG 102</td>
<td>English Composition II</td>
<td></td>
</tr>
<tr>
<td>CMS 101</td>
<td>Fundamentals of Speech</td>
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</tr>
<tr>
<td><strong>Sciences</strong></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>APS 111</td>
<td>Applied Physical Science</td>
<td></td>
</tr>
<tr>
<td>ATY 100</td>
<td>Astronomy</td>
<td></td>
</tr>
<tr>
<td>BIO 105</td>
<td>Survey of Environmental Biology</td>
<td></td>
</tr>
<tr>
<td>BIO 108</td>
<td>Biology for Contemporary Society (L)</td>
<td></td>
</tr>
<tr>
<td>BIO 110</td>
<td>Principles of Biology (L)</td>
<td></td>
</tr>
<tr>
<td>BIO 113</td>
<td>Molecular &amp; Cellular Biology (L)</td>
<td></td>
</tr>
<tr>
<td>BIO 114</td>
<td>Organismal Bio, Evolution, Ecology (L)</td>
<td></td>
</tr>
<tr>
<td>BIO 115</td>
<td>Environmental Biology (L)</td>
<td></td>
</tr>
<tr>
<td>BIO 240</td>
<td>Human Anatomy and Physiology</td>
<td></td>
</tr>
<tr>
<td>BIO 245</td>
<td>Human Anatomy and Physiology I</td>
<td></td>
</tr>
<tr>
<td>BIO 265</td>
<td>Microbiology</td>
<td></td>
</tr>
<tr>
<td>CHM 101</td>
<td>Preparatory Chemistry</td>
<td></td>
</tr>
<tr>
<td>CHM 112</td>
<td>Elements of Chemistry: General</td>
<td></td>
</tr>
<tr>
<td>CHM 142</td>
<td>General Chemistry I</td>
<td></td>
</tr>
<tr>
<td>CHM 143</td>
<td>General Chemistry II</td>
<td></td>
</tr>
<tr>
<td>CHM 170</td>
<td>Elementary Organic Chemistry</td>
<td></td>
</tr>
<tr>
<td>CHM 234</td>
<td>Organic Chemistry I</td>
<td></td>
</tr>
<tr>
<td>CHM 235</td>
<td>Organic Chemistry II</td>
<td></td>
</tr>
<tr>
<td>GEO 115</td>
<td>Intro to Physical Geography</td>
<td></td>
</tr>
<tr>
<td>GY 112</td>
<td>Physical Geology</td>
<td></td>
</tr>
<tr>
<td><strong>Math</strong></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Select one of the following:</td>
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</tr>
<tr>
<td>Math-MTH</td>
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<tr>
<td>BUS 120 Business Mathematics</td>
<td></td>
<td></td>
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<tr>
<td><strong>Behavioral Sciences</strong></td>
<td>3</td>
<td></td>
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<tr>
<td>Select one of the following:</td>
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</tr>
<tr>
<td>Anthropology-ATR</td>
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<tr>
<td>Psychology-PSY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sociology-SOC</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Social Sciences</strong></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Select one of the following:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Economics-ECN</td>
<td></td>
<td></td>
</tr>
<tr>
<td>History-HIS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Geography-GEO, except GEO 115</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Political Science-POS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>International Studies-INS, excluding non-traditional languages</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Areas of Concentration</strong></td>
<td>39</td>
<td></td>
</tr>
<tr>
<td>Areas of concentration include coursework for all courses numbered 100 and above.</td>
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</tr>
<tr>
<td><strong>Total Credit Hours</strong></td>
<td>60</td>
<td></td>
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</tbody>
</table>

College Requirements

1. A total of 60 hours or more must be completed as specified above. This total cannot include any credits earned in courses numbered below 100 nor any courses with ABE, ASE, AMT, ARW, or ESL prefixes. The 60 hours total may include up to four hours of credit in physical education courses prefixed by PHC.

2. Meet the college’s Academic Residency Requirement for University Transfer degrees: A minimum of 15 semester hours in courses numbered 100 and above and must have been achieved at ECC, excluding AP, CLEP, and proficiency credits.

3. Students may apply up to six hours of Independent Study credit toward any associate degree.

4. Students can earn only one transfer associate degree. Should a student seek to earn more than one transfer degree, a Petition to Earn Multiple Transfer Degrees form must be submitted to the associate dean of advising, transfer, and career development services.

Career and Technical Programs

Train for the career you’ve always wanted at Elgin Community College (ECC). In today’s competitive economy, career and technical education
(CTE) programs will equip you with the skills, knowledge, and training you need to succeed in a high-demand career field.

Choose from short-term certificate programs that train you in a specific skill, build on your certificate training to learn more skills, or work toward an Associate of Applied Science (AAS) degree. Our area business partners give us the inside scoop on which skills they look for when they hire—meaning you’ll learn what is relevant, marketable, and in demand.

Vocational Skills Guarantee
It is the policy of the District 509 Board of Trustees that students graduating with an Associate of Applied Science degree in an occupational program be guaranteed competency in the technical skills represented in the degree. Should the graduate not be able to demonstrate the basic skills expected to his/her employer, the student will be offered up to 15 credit hours of retraining at no additional cost, subject to the following conditions:

1. The course work for the degree must have been completed at ECC.
2. The student must have graduated within three years of initial enrollment.
3. The student must be employed full-time in a job directly related to his/her program of study within one year of graduation from the approved program at ECC.
4. The employer must verify in writing within 90 days of the graduate's initial employment that the graduate lacks competency in specific technical skills, as represented in the degree.
5. Specific competencies must be identified and verified by the employer in written documentation submitted to ECC.
6. The retraining must be limited to courses regularly offered by the college and completed within one academic year.
7. A written retraining plan must be developed by the employer, the graduate, and the appropriate instructional dean specifying the courses needed for retraining and the competencies to be demonstrated.
8. Prerequisites, co-requisites and other admission requirements for retraining courses must be met and are not included in those courses covered in this policy.
9. Should the student audit, withdraw, or not receive a passing grade in a course identified in the retraining plan, it will be included in the offer of 15 credit hours.
10. The board will waive tuition and lab fees for those courses identified in the retraining plan, but the student must be responsible for any other costs that might be associated with taking the course.

This policy does not apply to those programs in which the graduates are licensed, including, but not limited to, nursing.

The sole recourse available to participants enrolled in this guarantee program shall be limited to retraining in the same class with no recourse for damages, court costs, or any associated costs of any kind, or right to appeal beyond those specified by ECC Career and Technical Degrees and Certificates.

Career and Technical Degrees/ Certificates

- Accounting (p. 43)
- Advanced Medical Imaging - Computed Tomography (CT) (p. 46)
- Advanced Medical Imaging - Mammography (p. 50)
- Advanced Medical Imaging – Magnetic Resonance Imaging (MRI) (p. 53)
- Automotive (p. 57)
- Basic Nurse Assistant Training Program - Nursing (p. 60)
- Business (p. 61)
- Clinical Laboratory Technology (p. 69)
- Clinical Laboratory Technology-Phlebotomy (p. 74)
- Communication Design (p. 78)
- Computer Aided Design (p. 83)
- Computer Information Systems (p. 87)
- Computer Integrated Manufacturing (p. 95)
- Criminal Justice (p. 101)
- Culinary Arts and Hospitality (p. 105)
- Dental Assisting (p. 113)
- Education - Early Childhood (p. 117)
- Emergency Services - Emergency Medical Technology - Paramedic (p. 123)
- Emergency Services - Fire Science and Safety (p. 125)
- Emergency Services - Public Safety Communications (p. 130)
- Energy Management (p. 132)
- Health and Wellness Management (p. 139)
- Heating, Ventilation, Air Conditioning, and Refrigeration (p. 142)
- Histotechnology (p. 147)
- Human Services - Generalist (p. 150)
- Human Services - Substance Abuse (p. 154)
- IST/Maintenance Technology (p. 157)
- Massage Therapy (p. 159)
- Medical Imaging - Radiography (p. 163)
- Modern Languages - Basic Spanish for Medical Personnel (p. 170)
- Music Production (p. 171)
- Nursing - Registered Nurse (p. 173)
- Paralegal (p. 175)
- Physical Therapist Assistant (p. 179)
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Accounting

Program Description

Accounting-Associate of Applied Science

‘Accounting: The One Degree with 360 Degrees of Possibilities’... there's one degree that gives you the education to succeed at just about anything in the business world. It's an accounting degree. Accounting opens doors in every kind of business coast to coast.” Excerpted from the American Institute of Certified Public Accountant (AICPA) pamphlet.

If this sounds like you, the accounting program at ECC can start you on this educational path by providing you the necessary skills to perform accounting functions from comparatively simple bookkeeping to financial analysis underlying management decisions. Understanding the language of business will allow you to be part of the accounting group providing a necessary function in business.
Bookkeeping-Basic Vocational Specialist

The two-year degree prepares students to meet the demands of today's businesses or for further study of accounting. With knowledge of accounting transactions and laws, along with understanding management business decisions, you can be part of an accounting services team. To meet the bookkeeping demand of today's businesses, the bookkeeping certificate covers the entire accounting cycle through procedural study and the manual and computerized recording of basic financial transactions. Earning an Intuit® QuickBooks® certification and MOS Excel® certification along with the degree or certificate will position you well in the job market.

Entrance Requirements

None

Program Requirements

None

- Identify and record business transactions applying GAAP rules and principles through the entire accounting cycle.
- Prepare basic financial statements (Income Statement, Balance Sheet, and Statement of Equity).
- Identify basic Internal Control principles and demonstrate ability to recognize weakness in the application.
- Prepare and calculate accounting schedules.
- Evaluate the business results by analyzing the financial statements and schedules.
- Compare, contrast, and interpret the financial results calculated under various accounting methods.
- Predict financial results for multiple identified alternatives.
- Use technology to manipulate and summarize information available for use in business decisions.
- Apply basic math and statistical processes and tools to common personal and business situations.

Accounting - Associate of Applied Science

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<th>Credit Hours</th>
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<td>ACC 100</td>
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<td>CIS 110</td>
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<td>ENG 101 or BUS 101</td>
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<td>ACC 225</td>
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<td>ENG 102 or BUS 142</td>
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<td>ECN 202</td>
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Fourth Semester

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Accounting Electives

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<tr>
<td>ACC 236</td>
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<td>ACC 260</td>
<td>Internship in Accounting</td>
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<td>ACC 261</td>
<td>Auditing</td>
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<td>ACC 235</td>
<td>Intermediate Accounting I</td>
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<td>ACC 245</td>
<td>Cost Accounting</td>
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<tr>
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<td>CMS 210</td>
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Bookkeeping - Vocational Specialist

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<td>CIS 110</td>
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Second Semester

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<td>CIS 242</td>
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Accounting Electives

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<tr>
<td>BUS 105</td>
<td>Personal Finance</td>
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</table>
Accounting Courses

All ACC courses numbered 100 and above may be applied to the major field and electives requirement for the Associate in Arts and Associate in Science degrees.

ACC 100 Introductory Accounting (3)  3.0
The first semester of fundamental financial accounting. Emphasis is on procedural aspects of financial accounting for the single proprietorship. Accrual basis is utilized. Entire accounting cycle is covered for both service and merchandising businesses, including adjustments, preparation of financial statements, and closing procedures. Also included are reconciliation of bank statements and petty cash. (1.2) Proficiency Credit Available (2 IET) Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None Recommended: BUS 120
Semester(s) Offered: Fall, Spring and Summer

ACC 200 Financial Accounting (4)  4.0
Foundation course required for further study of accounting and business. Principles and concepts of financial accounting are emphasized and advanced concepts are introduced. Topics include transaction analysis, development of financial reports, the accounting cycle, promissory notes, inventory costing, depreciation methods, corporation equity concepts, bonds payable, statement of cash flows and present value. (1.1) IAI Major: BUS903 Proficiency Credit Available (2 IET) Pass/No Credit Not Available.
In-District Tuition/Fees: $528 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)(https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in BUS 120 or MTH 125 or MTH 112 or MTH 126 or (2) consent of instructor. Recommended: (1) ACC 100 or previous course in bookkeeping or accounting and (2) Microsoft Excel proficiency or concurrent enrollment in CIS 242 or completion of CIS 242
Semester(s) Offered: Fall, Spring and Summer

ACC 210 QuickBooks Online (3)  3.0
Students complete numerous monthly accounting cycles of a new company, applying principles of accounting, and using QuickBooks Online, an accounting software commonly used by small businesses. The software will be used to process business transactions, generate reports and financial statements, and to export data into Excel. Students will use Excel to complete projects that analyze monthly results, perform trend analysis, and calculate common financial ratios. QuickBooks Online provides an easy to understand interface for students to grasp accounting concepts while honing cloud computing skills. Students will confirm their QuickBooks Online knowledge by passing the Intuit QuickBooks Certified User exam. (1.2) Proficiency Credit Available (2 IET) Pass/No Credit Available.
In-District Tuition/Fees: $495 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)(https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: (1) Grade of C or better in ACC 200 and CIS 110; or (2) Grade of C or better in ACC 100 and CIS 110; or (3) consent of instructor.
Semester(s) Offered: Fall and Spring

ACC 221 Payroll Accounting (2)  2.0
Introduces the processing of payroll. Emphasis is placed on legal requirements of withholding, employer's taxes, and preparation of tax forms and reports. (1.2) Proficiency Credit Available (2 IET) Pass/No Credit Available.
In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)(https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in ACC 100 or Grade of C or better in ACC 200
Semester(s) Offered: Fall and Spring

ACC 225 Income Tax Accounting (3)  3.0
This course is of value to anyone interested in learning about income taxes, whether for personal use or as a start toward a new vocational goal. Emphasis is on federal individual income taxes. Also, some attention is given to small businesses and corporations. Topics covered include filing status, taxable income, employee business expenses, itemized deductions, profit from business or profession, capital gains and losses, tax credits, corporations, and state of Illinois income tax. (1.2) Proficiency Credit Available (2 IET) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)(https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in ACC 200 or (2) consent of instructor.
Semester(s) Offered: Fall
ACC 235 Intermediate Accounting I (3)  
Provides review of the accounting cycle and discussion of the environment and conceptual framework underlying financial accounting. Deals in depth with income statement, balance sheet, and cash flow statement, account classification, disclosures and interpretation. Time value of money concepts are discussed and applied. Accounting for cash and receivables is covered. (1.1) Proficiency Credit Available (2 TEI) Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in ACC 240

Semester(s) Offered: Varies

ACC 236 Intermediate Accounting II (3)  
Continuation of intermediate financial accounting. Includes in-depth study of leases, plant and equipment, depreciation, intangible assets, current liabilities, pensions, bases of revenue recognition, and accounting for income taxes. Stresses authoritative pronouncements of APB and FASB. (1.1) Proficiency Credit Available (2 TIE) Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in ACC 235

Semester(s) Offered: Varies

ACC 240 Managerial Accounting (4)  
The second semester foundation course required for further study in accounting. Managerial accounting topics include ABC cost behavior analysis and use, job-order costing, process costing, cost-volume profit relationships, contribution approach to costing, budgeting, standard costs, JIT/FMS performance measures, relevant costs for decision making, balanced scorecard and capital budgeting. (1.1) IAI Major: BUS904 Proficiency Credit Available (2 TEI) Pass/No Credit Not Available.

In-District Tuition/Fees: $528 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in ACC 200 or (2)consent of instructor. Recommended: (1) ECN 201 or concurrent enrollment in ECN 201 and (2) Microsoft Excel proficiency or concurrent enrollment in CIS 242 or completion of CIS 242

Semester(s) Offered: Fall, Spring and Summer

ACC 245 Cost Accounting (3)  
Fundamentals of cost accounting, ABC, performance measurements, job order, process and estimated cost development and procedures. Emphasizes current practices in cost control through reports to management, applied to business establishments of relatively small and intermediate size. (1.1) Proficiency Credit Available (2 IET) Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in ACC 240

Semester(s) Offered: Varies

ACC 260 Internship in Accounting (1-3)  
Students work for a business, government agency, or other organization for approximately 10 hours per week for one semester performing accounting tasks. Students will keep a journal detailing work performed, write a short paper and make a presentation to a current accounting class summarizing their on-the-job experience. Course is repeatable to six credits; only three credits may apply toward a degree or certificate. (1.2) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in ACC 200 and Grade of C or better in CIS 242.

Semester(s) Offered: Varies

ACC 261 Auditing (3)  
An introductory course that directs students in the design and establishment of accounting systems and in the examination of financial statements. Learn documentation techniques used in expressing audit opinions through tests of controls and substantive tests that relate to selected transaction cycles. A variety of methods of sampling will be discussed as well as the legal liability of the auditor. (1.2) Proficiency Credit Available (2 EIT) Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in ACC 236

Semester(s) Offered: Varies

Advanced Medical Imaging - Computed Tomography (CT)

Computed tomography technologists are highly trained radiographers who work with special rotating X-ray equipment to obtain “slices” of anatomy at different levels within the body. CT technologists are essential members of the medical imaging team performing scans, which are vital to the diagnosis of a variety of injuries and diseases. Graduates of the advanced certificate program at ECC are highly skilled and qualify to sit for advanced certification examination by the American Registry of Radiologic Technologists (ARRT).

Accreditation

There is no mechanism for accreditation of CT programs at this time.

Entrance Requirements

Each applicant must be a graduate of a JRCERT-accredited radiography or radiation therapy program and must have passed the ARRT certification examination; or be ARRT- or NMTCB-registered in nuclear medicine technology and a graduate of a JRCNMT-accredited nuclear medicine technology program.

Approximately ten part-time and ten full-time applicants will be accepted on a first-come, first-served basis. Full-time students will be given priority for clinical placement. Click on the link to view enrollment options for full-time and part-time enrollment: https://elgin.edu/academics/departments/medical-imaging/program-options/.
Admission Procedures

Admission into the program is selective. For more information, please see admission requirements (https://elgin.edu/academics/departments/medical-imaging/program-admissions/).

Program Requirements

Students must complete all required courses with grades of C or better and meet graduation requirements in order to be eligible to apply to sit for the ARRT national certification exam in computed tomography offered by the American Registry of Radiologic Technologists.

Expected outcomes: Students/graduates will demonstrate competency by:

- Determining the need and adapting exposure factors and/or protocol for various patient conditions, equipment, accessories and contrast media to maintain appropriate image quality.
- Evaluating image quality and to make appropriate adjustments to obtain diagnostic images.

The student/graduate will practice effective communication skills in the clinical setting.

Expected outcomes: Students/graduates will practice effective communication skills in the clinical setting by:

- Demonstrating effective communication skills.

The student/graduate will conduct him or herself in a professional manner.

Expected outcomes: Students/graduates will conduct him or herself in a professional manner by:

- Demonstrating professional values and behavior in clinical practice.
- Demonstrating professional growth through participation in lifelong learning.

The student/graduate will provide excellent patient care for a diverse population of patients.

Expected outcomes: Students/graduates will provide excellent patient care for a diverse population of patients by:

- Demonstrating increased understanding of the importance of cultural competence in clinical practice.
- Demonstrating increased awareness of current trends and changes in healthcare affecting the global population.

The program will provide the healthcare community with qualified practitioners of advanced medical imaging modalities.

Expected outcomes:

- A retention rate of 75% percent or higher.
- The 5-year average employment rate of graduates within one year of graduation will be 75 percent or greater. A positive outcome is defined as employment in the field for those graduates who declare they are actively seeking employment in the field or pursuing continued education in the field.
- First-time pass rates of graduate cohorts on the ARRT credentialing exam will be consistent with or above the national passing rates each year of the exam, with a minimum pass rate of 75%.
- Mean scores of graduate cohorts on the ARRT credentialing exam will be consistent with or above the national mean scores each year.
- The mean score on the employers’ satisfaction survey of the graduates’ preparation for employment will be 3.0 (meets expectations) or higher on a 5.0 (exceeds expectations) point scale.

Policies and Procedures for Medical Imaging Certificate Programs

Any student demonstrating a positive background check will be denied admission to any health professions program.

Before attending clinical training, students must submit documentation through the Castlebranch portal including: completed medical form which includes proof of immunizations/titer results, proof of health insurance coverage, TB test, and proof of healthcare provider CPR certification. Background checks and drug testing are also conducted through Castlebranch.

Health professions students will be required to update their drug test, TB test/TB survey, and flu vaccine information on an annual basis. Any student demonstrating a positive drug test will be dismissed from the Health Professions Division.

The standards, policies, and procedures of the medical imaging programs are published in the advanced medical imaging student handbook. Copies of the student handbook may be obtained online at elgin.edu/medicalimaging (http://www.elgin.edu/medicalimaging/).

Advanced Medical Imaging Programs

Mission Statement

Elgin Community College’s advanced imaging programs in magnetic resonance, computed tomography and mammography provide accessible and relevant education in accordance with the highest professional standards. The programs, in partnership with its clinical affiliates, will provide the healthcare community with competent advanced imaging technologists who provide high-quality images and excellent patient-centered care to the diverse populations within the community.

Program Goals and Expected Outcomes

The program will graduate competent imaging technologists.

Expected outcomes: Students/graduates will demonstrate competency by:

- Producing quality images.
- Practicing safety for the patient, him or herself and others.
- Demonstrating overall competence in clinical practice.

The student/graduate will develop and practice proficiency in problem-solving and critical thinking skills.

Expected outcomes: Students/graduates will demonstrate proficiency in problem-solving and critical thinking skills by:

- Modifying standard procedures to accommodate patient conditions and other variables.

Computed Tomography - Basic Vocational Specialist

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<td>CT Physical Principles I</td>
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<tr>
<td>CTI 101</td>
<td>CT Procedures I</td>
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<td>AMI 110</td>
<td>Advanced Sectional Anatomy I</td>
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<td>AMI 102</td>
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<td>CTI 103</td>
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Advanced Medical Imaging Courses

SPECIAL NOTE: For more information on ECC’s advanced imaging programs, go to elgin.edu/medicalimaging (https://elgin.edu/academics/departments/medical-imaging/).

A criminal background check and drug test MAY be required prior to enrollment.

AMI 102 Patient Care and Safety (2) 1,2
Patient Care & Safety provides the student with patient care knowledge and skills related to specialized imaging procedures. The roles of the MR and CT technologists are defined as well as behavioral standards, and ethics and law related to the position. Medical records management concerns, including privacy and regulatory issues, are examined. This course will provide the student with patient assessment skills as it relates to advanced imaging procedures, a review of infection control and special considerations within these imaging environments. Contrast pharmacology, the theory and practice of basic techniques of venipuncture and administering diagnostic contrast agents and/or intravenous medications will be discussed. Course content will provide basic emergency medicine and management of medical emergencies related to adverse contrast reactions. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Acceptance in to the Computed Tomography Imaging or the Magnetic Resonance Imaging program
Semester(s) Offered: Fall
AMI 210 Advanced Sectional Anatomy II (2)  1,2
Advanced Sectional Anatomy II is the secondary anatomy and pathology course. It will further enhance the student’s knowledge of gross radiographic anatomy and increase understanding of this anatomy through the observation from a three dimensional perspective. The student will be introduced to gross anatomy from a cross sectional perspective including the following regions/systems: thorax, abdomen and pelvis. Pathological and traumatic disease processes associated with the respiratory, cardiovascular, abdomen, gastrointestinal, hepatobiliary, urinary, and reproductive systems. Anatomical structures and the plane that best demonstrates anatomy are discussed as well as signal characteristics of normal and abnormal structures will be discussed. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available
www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography)/

In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in AMI 110
Semester(s) Offered: Spring

Computed Tomography Courses

CTI 101 CT Procedures I (3)  2,2
This course provides detailed coverage of procedures for CT imaging. Procedures include, but are not limited to, indications for the procedure, patient education, preparation, orientation and positioning, patient history and assessment, contrast media usage, scout image, selectable scan parameters, filming and archiving of the images. CT procedures will be taught for differentiation of specific structures, patient symptomology and pathology. CT images studied will be reviewed for quality, anatomy and pathology. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available
www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/)

In-District Tuition/Fees: $499 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Acceptance in to the Computed Tomography Imaging program or consent of instructor
Semester(s) Offered: Fall

CTI 103 CT Clinical Practicum I (3)  0,15
In CT Clinical Practicum I content and clinical practice experiences should be designed to sequentially develop, apply, critically analyze, integrate, synthesize and evaluate concepts and theories in the performance of radiologic procedures. Through structured, sequential, competency-based clinical assignments, concepts of team practice, patient-centered clinical practice and professional development are discussed, examined and evaluated. Clinical practice experiences should be designed to provide patient care and assessment, competent performance of radiologic imaging and total quality management. Levels of competency and outcomes measurement ensure the well-being of the patient preparatory to, during and following the radiologic procedure. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available
www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/)

In-District Tuition/Fees: $499 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Acceptance into the Computed Tomography Imaging program or consent of instructor
Semester(s) Offered: Fall
CTI 200 CT Physical Principles II (3)  2,2
CT Physical Principles II introduces the student to the principles of single slice, multi-slice and volume scanning computed tomography as they pertain to radiation dose in adults and pediatrics. It will also cover post-processing techniques, PET/CT, and quality control. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available
www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $499 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in CTI 100 or consent of instructor
Semester(s) Offered: Spring

CTI 201 CT Procedures II (3)  2,2
Content provides detailed coverage of procedures for CT imaging. Procedures include, but are not limited to, indications for the procedure, patient education, preparation, orientation and positioning, patient history and assessment, contrast media usage, scout image, selectable scan parameters, filming and archiving of the images. CT procedures will be taught for differentiation of specific structures, patient symptomology and pathology. CT images studied will be reviewed for quality, anatomy and pathology. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available
www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $499 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in CTI 100 or consent of instructor
Semester(s) Offered: Spring

Advanced Medical Imaging - Mammography

Mammographers are highly trained radiographers who work with sophisticated low-dose X-ray equipment to produce screening and diagnostic images of the breast. Mammographers are essential members of the medical imaging team performing breast imaging procedures, which are vital to the diagnosis of a variety of breast conditions, including early detection of breast cancer. Graduates of the advanced certificate program at ECC are highly skilled and qualify to sit for advanced certification examination by the American Registry of Radiologic Technologists (ARRT).

Accreditation
There is no mechanism for accreditation of mammography programs at this time.

Entrance Requirements
Each applicant must be a graduate of a JRCERT-accredited radiography program and have passed the ARRT certification examination.

Approximately ten part-time and ten full-time applicants will be accepted on a first-come, first-served basis. Full-time students will be given priority for clinical placement. Click on the link to view enrollment options for full-time and part-time enrollment: https://elgin.edu/academics/departments/medical-imaging/program-options/.

Admission Procedures
Admission into the program is selective. For more information, please see admission requirements (https://elgin.edu/academics/departments/medical-imaging/program-admissions/).
Program Requirements
Students must complete all required courses with grades of C or better and meet graduation requirements in order to be eligible to apply to sit for the ARRT national certification exam in mammography offered by the American Registry of Radiologic Technologists.

Policies and Procedures for Medical Imaging Certificate Programs
Any student demonstrating a positive background check will be denied admission to any health professions program.

Before attending clinical training, students must submit documentation through the Castlebranch portal including: completed medical form which includes proof of immunizations/titer results, proof of health insurance coverage, TB test, and proof of healthcare provider CPR certification. Background checks and drug testing are also conducted through Castlebranch.

Health professions students will be required to update their drug test, TB test/TB survey, and flu vaccine on information an annual basis. Any student demonstrating a positive drug test will be dismissed from the Health Professions Division.

The standards, policies, and procedures of the medical imaging programs are published in the advanced medical imaging student handbook. Copies of the student handbook may be obtained online at elgin.edu/medicalimaging (http://www.elgin.edu/medicalimaging/).

Advanced Medical Imaging Programs
Mission Statement
Elgin Community College's advanced imaging programs in magnetic resonance, computed tomography and mammography provide accessible and relevant education in accordance with the highest professional standards. The programs, in partnership with its clinical affiliates, will provide the healthcare community with competent advanced imaging technologists who provide high-quality images and excellent patient-centered care to the diverse populations within the community.

Program Goals and Expected Outcomes
The program will graduate competent imaging technologists.

Expected outcomes: Students/graduates will demonstrate competency by:

- Producing quality images.
- Practicing safety for the patient, him or herself and others.
- Demonstrating overall competence in clinical practice.

The student/graduate will develop and practice proficiency in problem-solving and critical thinking skills.

Expected outcomes: Students/graduates will demonstrate proficiency in problem-solving and critical thinking skills by:

- Modifying standard procedures to accommodate patient conditions and other variables.
- Determining the need and adapting exposure factors and/or protocol for various patient conditions, equipment, accessories and contrast media to maintain appropriate image quality.
- Evaluating image quality and to make appropriate adjustments to obtain diagnostic images.

The student/graduate will practice effective communication skills in the clinical setting.

Expected outcomes: Students/graduates will practice effective communication skills in the clinical setting by:

- Demonstrating effective communication skills.

The student/graduate will conduct him or herself in a professional manner.

Expected outcomes: Students/graduates will conduct him or herself in a professional manner by:

- Demonstrating professional values and behavior in clinical practice.
- Demonstrating professional growth through participation in lifelong learning.

The student/graduate will provide excellent patient care for a diverse population of patients.

Expected outcomes: Students/graduates will provide excellent patient care for a diverse population of patients by:

- Demonstrating increased understanding of the importance of cultural competence in clinical practice.
- Demonstrating increased awareness of current trends and changes in healthcare affecting the global population.

The program will provide the healthcare community with qualified practitioners of advanced medical imaging modalities.

Expected outcomes:

- A retention rate of 75% percent or higher.
- The 5-year average employment rate of graduates within one year of graduation will be 75 percent or greater. A positive outcome is defined as employment in the field for those graduates who declare they are actively seeking employment in the field or pursuing continued education in the field.
- First-time pass rates of graduate cohorts on the ARRT credentialing exam will be consistent with or above the national passing rates each year of the exam, with a minimum pass rate of 75%.
- Mean scores of graduate cohorts on the ARRT credentialing exam will be consistent with or above the national mean scores each year.
- The mean score on the employers’ satisfaction survey of the graduates’ preparation for employment will be 3.0 (meets expectations) or higher or on a 5.0 (exceeds expectations) point scale.

Mammography - Basic Vocational Specialist

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<th>Course</th>
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<td>Fundamentals of Breast Imaging</td>
<td>1</td>
</tr>
<tr>
<td>MAM 102</td>
<td>Instrumentation and QA</td>
<td>2</td>
</tr>
<tr>
<td>MAM 103</td>
<td>Breast Anatomy and Pathology</td>
<td>2</td>
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<td>MAM 104</td>
<td>Breast Imaging Techniques</td>
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<td>MAM 105</td>
<td>Breast Imaging Procedures</td>
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<td>MAM 106</td>
<td>Mammography Clinical Practicum</td>
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MAM 101 Fundamentals of Breast Imaging (1)  1.0
This introductory course emphasizes the importance of patient care and education in the mammographic environment. Incidence and risk factors, signs and symptoms associated with breast cancer for the male and female patient are discussed. Tumor staging of breast cancers and treatment options for the patient with breast cancer are summarized including the surgical, nonsurgical, and reconstructive aspects for the patient. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Acceptance into the Mammography program or consent of instructor

Semester(s) Offered: Fall

MAM 102 Instrumentation and QA (2)  1.2
This course covers basic design of the mammography equipment and introduces the student to the role of technical components utilized in mammography and their affect on the mammographic image. Both analog and digital imaging equipment and the use of computer aided detection (CAD) are also discussed. The MQSA regulations and the various agencies that govern mammography including their purposes, processes, and frequency of inspection are included in this course, as well as the quality control testing required to maintain accreditation and the roles that technologists and the physicist play in performing these tests. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Acceptance into the Mammography program or consent of instructor

Semester(s) Offered: Fall

MAM 103 Breast Anatomy and Pathology (2)  2.0
Breast Anatomy and Pathology introduces the student to the basic terminology associated with the breast anatomy. Also defined are the aspects of the internal and external breast anatomy, cellular components and the TDL (Terminal Ductal Lobular Unit) identifying their role in the breast anatomy. The student is also introduced to breast imaging terminology associated with mammography, the role of the pathologist, and how breast pathology is correlated to breast cancer. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $354 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Acceptance into the Mammography program or consent of instructor

Semester(s) Offered: Fall

MAM 104 Breast Imaging Techniques (2)  1.2
Breast Imaging Techniques introduces the student to the technical factors that influence the mammographic image allows the student the opportunity to evaluate and critique mammographic images. Also discussed is the required labeling required for mammograms and the acceptable abbreviations. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $354 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Acceptance into the Mammography program or consent of instructor

Semester(s) Offered: Fall
Using a combination of magnetic fields and radiofrequency to produce high-resolution images of the body, MR technologists are essential members of the medical imaging team performing scans that are vital to the diagnosis of a variety of injuries and diseases. Graduates of the advanced certificate program at ECC are highly skilled and qualify to sit for advanced certification by the American Registry of Radiologic Technologists (ARRT).

### Accreditation

The Magnetic Resonance Program is accredited by:

The Joint Review Committee on Education in Radiologic Technology (JRCERT)
20 N. Wacker Drive, Suite 2850
Chicago, IL 60606
312-704-5300
jrcert.org

### Entrance Requirements

Each applicant must be a graduate of a JRCERT-accredited radiography or radiation therapy program and must have passed the ARRT certification examination; or be ARRT- or NMTCB-registered in nuclear medicine technology and a graduate of a JRCNMT-accredited nuclear medicine technology program; or be a graduate of a JRCRDMC-accredited sonography program and have passed the ARRT or ARDMS certification examination.

Approximately ten part-time and ten full-time applicants will be accepted on a first-come, first-served basis. Full-time students will be given priority for clinical placement. Click on the link to view enrollment options for full-time and part-time enrollment: https://elgin.edu/academics/departments/medical-imaging/program-options/.

### Admission Procedures

Admission into the program is selective. For more information, please see admission requirements (https://elgin.edu/academics/departments/medical-imaging/program-admissions/).

### Program Requirements

Students must complete all required courses with grades of C or better and meet graduation requirements in order to be eligible to apply to sit for the ARRT national certification exam in magnetic resonance offered by the American Registry of Radiologic Technologists.

### Policies and Procedures for Medical Imaging Certificate Programs

Any student demonstrating a positive background check will be denied admission to any health professions program.

Before attending clinical training, students must submit documentation through the Castlebranch portal including: completed medical form which includes proof of immunizations/titer results, proof of health insurance coverage, TB test, and proof of healthcare provider CPR certification. Background checks and drug testing are also conducted through Castlebranch.

Health professions students will be required to update their drug test, TB test/TB survey, and flu vaccine on information an annual basis. Any student demonstrating a positive drug test will be dismissed from the Health Professions Division.

### MAM 105 Breast Imaging Procedures (3) 2,2.5

This course introduces the standard views required for obtaining a mammogram, and any additional views and positioning techniques associated with obtaining the required images. The course also discusses special patient situations which the mammographer may encounter during the mammographic exam and offers the student the opportunity to apply critical thinking skills. The course will also define and discuss the differences between a screening and diagnostic mammogram. Alternative imaging options and diagnostic procedures associated with the breast will also be reviewed. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $486 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Acceptance into the Mammography program or consent of instructor
Semester(s) Offered: Fall

### MAM 106 Mammography Clinical Practicum (3) 0,15

This course allows the student to apply the knowledge gained in the previous courses and practice positioning and quality control testing under the supervision of a registered mammographer in a clinical setting. This course also provides the opportunity to document clinical competence as required by the ARRT to apply for the advanced certification in mammography. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $486 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Prerequisite: Acceptance into the Mammography program or consent of instructor
Semester(s) Offered: Fall

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**Advanced Medical Imaging – Magnetic Resonance Imaging (MRI)**

Magnetic resonance technologists are highly trained radiographers who operate magnetic resonance (MR) equipment that scans the patient using a combination of magnetic fields and radiofrequency to produce high-resolution images of the body. MR technologists are essential members of the medical imaging team performing scans that are vital to the diagnosis of a variety of injuries and diseases. Graduates of the advanced certificate program at ECC are highly skilled and qualify to sit for advanced certification by the American Registry of Radiologic Technologists (ARRT).

### Admission Procedures

Admission into the program is selective. For more information, please see admission requirements (https://elgin.edu/academics/departments/medical-imaging/program-admissions/).

### Program Requirements

Students must complete all required courses with grades of C or better and meet graduation requirements in order to be eligible to apply to sit for the ARRT national certification exam in magnetic resonance offered by the American Registry of Radiologic Technologists.

### Policies and Procedures for Medical Imaging Certificate Programs

Any student demonstrating a positive background check will be denied admission to any health professions program.

Before attending clinical training, students must submit documentation through the Castlebranch portal including: completed medical form which includes proof of immunizations/titer results, proof of health insurance coverage, TB test, and proof of healthcare provider CPR certification. Background checks and drug testing are also conducted through Castlebranch.

Health professions students will be required to update their drug test, TB test/TB survey, and flu vaccine on information an annual basis. Any student demonstrating a positive drug test will be dismissed from the Health Professions Division.
The standards, policies, and procedures of the medical imaging programs are published in the advanced medical imaging student handbook. Copies of the student handbook may be obtained online at elgin.edu/medicalimaging.

Advanced Medical Imaging Programs

Mission Statement
Elgin Community College’s advanced imaging programs in magnetic resonance, computed tomography and mammography provide accessible and relevant education in accordance with the highest professional standards. The programs, in partnership with its clinical affiliates, will provide the healthcare community with competent advanced imaging technologists who provide high-quality images and excellent patient-centered care to the diverse populations within the community.

Program Goals and Expected Outcomes
The program will graduate competent imaging technologists.

Expected outcomes: Students/graduates will demonstrate competency by:

- Producing quality images.
- Practicing safety for the patient, him or herself and others.
- Demonstrating overall competence in clinical practice.

The student/graduate will develop and practice proficiency in problem-solving and critical thinking skills.

Expected outcomes: Students/graduates will demonstrate proficiency in problem-solving and critical thinking skills by:

- Modifying standard procedures to accommodate patient conditions and other variables.
- Determining the need and adapting exposure factors and/or protocol for various patient conditions, equipment, accessories and contrast media to maintain appropriate image quality.
- Evaluating image quality and to make appropriate adjustments to obtain diagnostic images.

The student/graduate will practice effective communication skills in the clinical setting.

Expected outcomes: Students/graduates will practice effective communication skills in the clinical setting by:

- Demonstrating effective communication skills.

The student/graduate will conduct him or herself in a professional manner.

Expected outcomes: Students/graduates will conduct him or herself in a professional manner by:

- Demonstrating professional values and behavior in clinical practice.
- Demonstrating professional growth through participation in lifelong learning.

The student/graduate will provide excellent patient care for a diverse population of patients.

Expected outcomes: Students/graduates will provide excellent patient care for a diverse population of patients by:

- Demonstrating increased awareness of current trends and changes in healthcare affecting the global population.

The program will provide the healthcare community with qualified practitioners of advanced medical imaging modalities.

Expected outcomes:

- A retention rate of 75% percent or higher.
- The 5-year average employment rate of graduates within one year of graduation will be 75 percent or greater. A positive outcome is defined as employment in the field for those graduates who declare they are actively seeking employment in the field or pursuing continued education in the field.
- First-time pass rates of graduate cohorts on the ARRT credentialing exam will be consistent with or above the national passing rates each year of the exam, with a minimum pass rate of 75%.
- Mean scores of graduate cohorts on the ARRT credentialing exam will be consistent with or above the national mean scores each year.
- The mean score on the employers’ satisfaction survey of the graduates' preparation for employment will be 3.0 (meets expectations) or higher on a 5.0 (exceeds expectations) point scale.

Magnetic Resonance Imaging - Basic Vocational Specialist

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<tr>
<th>Course</th>
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<td>MRI 100</td>
<td>MR Physical Principles</td>
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<td>MR Procedures I</td>
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<td>AMI 110</td>
<td>Advanced Sectional Anatomy I</td>
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<td>AMI 102</td>
<td>Patient Care and Safety</td>
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Advanced Medical Imaging Courses

SPECIAL NOTE: For more information on ECC’s advanced imaging programs, go to elgin.edu/medicalimaging.

A criminal background check and drug test MAY be required prior to enrollment.
AMI 102 Patient Care and Safety (2) 1,2
Patient Care & Safety provides the student with patient care knowledge and skills related to specialized imaging procedures. The roles of the MR and CT technologists are defined as well as behavioral standards, and ethics and law related to the position. Medical records management concerns, including privacy and regulatory issues, are examined. This course will provide the student with patient assessment skills as it relates to advanced imaging procedures, a review of infection control and special considerations within these imaging environments. Contrast pharmacology, the theory and practice of basic techniques of venipuncture and administering diagnostic contrast agents and/or intravenous medications will be discussed. Course content will provide basic emergency medicine and management of medical emergencies related to adverse contrast reactions. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available
www.elgin.edu/radiography

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography.

In-District Tuition/Fees: $393 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Acceptance in to the Computed Tomography Imaging or the Magnetic Resonance Imaging program
Semester(s) Offered: Fall

AMI 110 Advanced Sectional Anatomy I (2) 1,2
Advanced Sectional Anatomy I will enhance the student's knowledge of gross radiographic anatomy through the observation of the human body from multiple orthogonal planes. The following anatomical regions of interest included in this course are: brain, face, neck, spine, upper and lower musculoskeletal regions. This course also familiarizes the student with the common pathologies found in magnetic resonance imaging and computed tomography through the appearance of normal and abnormal pathologies in various imaging planes. Pathological and traumatic disease processes associated with the skeletal, endocrine, and hemopoietic systems will be discussed to help the student identify these disease processes in common practice and make the associated imaging changes required to adequately demonstrate the patient's anatomy and pathology. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available
www.elgin.edu/radiography

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography.

In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Acceptance in to the Computed Tomography Imaging or the Magnetic Resonance Imaging program
Semester(s) Offered: Fall
AMI 210 Advanced Sectional Anatomy II (2) 1,2
Advanced Sectional Anatomy II is the secondary anatomy and pathology course. It will further enhance the student’s knowledge of gross radiographic anatomy and increase understanding of this anatomy through the observation from a three dimensional perspective. The student will be introduced to gross anatomy from a cross sectional perspective including the following regions/systems: thorax, abdomen and pelvis. Pathological and traumatic disease processes associated with the respiratory, cardiovascular, abdominal, gastrointestinal, hepatobiliary, urinary, and reproductive systems. Anatomical structures and the plane that best demonstrates anatomy are discussed as well as signal characteristics of normal and abnormal structures will be discussed. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in AMI 110

Semester(s) Offered: Spring

Magnetic Resonance Imaging Courses

MRI 101 MR Procedures I (3) 2,2
This course will help the student begin to apply their knowledge of MR physical principles, MR safety, sectional anatomy, MR instrumentation and image formation, and patient care within the MR environment. The student will be introduced to intravenous puncture techniques and contrast administration. This course also provides the student with slice and patient positioning, proper coil selection and positioning, imaging protocols and techniques related to the central nervous system (CNS), neck, and spine. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $525 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Acceptance into the MRI program or consent of instructor

Semester(s) Offered: Fall

MRI 103 MR Clinical Practicum I (3) 0,15
MR Clinical Practicum I encompasses the clinical application of technical and professional aspects of magnetic resonance imaging within a healthcare setting. Content is presented as a progression in competency levels through clinical performance objectives and competency exams. Students will be rotated through different MR facilities and be exposed to MR personnel, examinations and educational materials necessary to competently achieve content objectives. The student will be required to demonstrate clinical competency in a number and variety of procedures as required by the American Registry of Radiologic Technologists (ARRT). Activities include demonstration and observation, after which the student assists in performing the activity. When a satisfactory degree of proficieny is apparent, the student can perform the activity under direct supervision. When both the student and instructor are satisfied with the student’s proficiency, the student performs studies under indirect supervision to gain experience and expertise in MR imaging and meet the clinical procedural examination requirements outlined in this course. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

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A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $525 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Acceptance in the MRI Program or consent of instructor

Semester(s) Offered: Fall

AMI 210 Advanced Sectional Anatomy II (2) 1,2
Advanced Sectional Anatomy II is the secondary anatomy and pathology course. It will further enhance the student’s knowledge of gross radiographic anatomy and increase understanding of this anatomy through the observation from a three dimensional perspective. The student will be introduced to gross anatomy from a cross sectional perspective including the following regions/systems: thorax, abdomen and pelvis. Pathological and traumatic disease processes associated with the respiratory, cardiovascular, abdominal, gastrointestinal, hepatobiliary, urinary, and reproductive systems. Anatomical structures and the plane that best demonstrates anatomy are discussed as well as signal characteristics of normal and abnormal structures will be discussed. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in AMI 110

Semester(s) Offered: Spring
MRI 200 Clinical Aspects of MR (3) 2, 2
Clinical Aspects of MR will introduce the student to clinical aspects of magnetic resonance imaging. Topics include pulse sequences, vascular imaging, artifacts and their compensation, contrast agent and their effects on the overall image, advanced imaging techniques and quality assurance. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

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In-District Tuition/Fees: $525 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in MRI 100 or consent of instructor Semester(s) Offered: Spring

MRI 201 MR Procedures I (3) 2, 2
This procedures course will help the student begin to apply their knowledge of MR physical principles, MR safety, sectional anatomy, MR instrumentation and image formation, and patient care within the MR environment. The student will be introduced to intravenous puncture techniques and contrast administration. This course also provides the student with slice and patient positioning, proper coil selection and positioning, imaging protocols and techniques related to the muscular skeletal system, thorax, abdomen, pelvis, vascular examinations, and special procedures. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

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A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $525 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in MRI 101 or consent of instructor Semester(s) Offered: Spring

MRI 204 MR Clinical Practicum II (4) 0, 20
This clinical course provides the student with additional clinical experience necessary to comply with the ARRT clinical experience requirements in order to be eligible to take the ARRT Advanced Certification Examination. It will encompass many of the same technical and professional aspects the prerequisite course, MRI 103; however, the focus here will be to increase the student’s knowledge and confidence with more repetition within a healthcare setting. Technologists performing magnetic resonance imaging must competently apply basic protocols, recognize when and how to appropriately alter the standard protocol and recognize equipment and patient considerations that affect image quality. The technologist is responsible for maintaining a safe MRI environment. This course provides the necessary supervised clinical education to become proficient in these skills. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

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A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $657 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in MRI 103 or consent of instructor Semester(s) Offered: Spring

MRI 205 MR Clinical Practicum III (2) 0, 10
This clinical course provides the student with additional clinical experience necessary to comply with the ARRT clinical experience requirements in order to be eligible to take the ARRT Advanced Certification Examination. It will encompass many of the same technical and professional aspects the prerequisite courses, MRI 103 and 204. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

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A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $393 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in MRI 204 or consent of instructor Semester(s) Offered: Summer

Automotive

The degree in automotive service provides training in all phases of automotive maintenance work for all types of vehicles. The specialty study covers the function, construction, operation, and servicing of automotive components including fuel systems, manual and automatic
transmissions, suspension and brake systems, driveline units, heating and air conditioning, electrical systems, computer controls, and emission systems. Diagnosis and troubleshooting, shop safety, and shop procedures are also covered.

The certificates in automotive — electrical, brake and suspension, engine mechanical repair, transmission and drivetrain, engine performance, and auto heating and air conditioning — are ideal for building specialty skills and make nice enhancements to the degree.

**Entrance Requirements**
None

**Program Requirements**
ECC automotive students are required to provide their own hand tools, safety glasses, and protective clothing. Complete lists of special tools are available from ECC automotive instructors.

- Describe and demonstrate shop safety practices
- Demonstrate proficiency with various tools
- Identify components and describe the purpose and function of various systems
- Identify and describe basic operation of major systems
- Describe the importance of and perform basic preventative maintenance
- Perform diagnosis and repair on various systems

### Automotive Service Technology - Associate of Applied Science

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUT 151</td>
<td>Automotive Engine Service &amp; Repair</td>
<td>7</td>
</tr>
<tr>
<td>AUT 153</td>
<td>Manual Transmissions &amp; Drivetrains</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td>Required Communication Course (p. 192)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>17</strong></td>
</tr>
<tr>
<td>AUT 160</td>
<td>Automotive Electricity I</td>
<td>6</td>
</tr>
<tr>
<td>AUT 163</td>
<td>Automotive Electricity II</td>
<td>4</td>
</tr>
<tr>
<td>AUT 290</td>
<td>Auto Heating &amp; Air Conditioning</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>Required Communication Course (p. 192)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>18</strong></td>
</tr>
<tr>
<td>AUT 171</td>
<td>Auto Suspensions &amp; Wheel Alignment</td>
<td>5</td>
</tr>
<tr>
<td>AUT 172</td>
<td>Automotive Brake Systems</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>Required Math or Science Course (p. 192)</td>
<td>3-4</td>
</tr>
<tr>
<td></td>
<td>Required Social or Behavioral Course (p. 192)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>16-17</strong></td>
</tr>
<tr>
<td>AUT 180</td>
<td>Fuel &amp; Ignition System Fundamentals</td>
<td>7</td>
</tr>
<tr>
<td>AUT 271</td>
<td>Diagnostics &amp; Engine Performance</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td>Required Liberal Education Course (p. 192)</td>
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<td><strong>Total</strong></td>
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<tr>
<td></td>
<td><strong>Program Total</strong></td>
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### Automotive Electrical Specialist - Basic Vocational Specialist

<table>
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<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>AUT 160</td>
<td>Automotive Electricity I</td>
<td>6</td>
</tr>
<tr>
<td>AUT 163</td>
<td>Automotive Electricity II</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td><strong>Total Credit Hours</strong></td>
<td><strong>10</strong></td>
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</table>

### Brake and Suspension Specialist - Basic Vocational Specialist

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>AUT 171</td>
<td>Auto Suspensions &amp; Wheel Alignment</td>
<td>5</td>
</tr>
<tr>
<td>AUT 172</td>
<td>Automotive Brake Systems</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td><strong>Total Credit Hours</strong></td>
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### Engine Mechanical Repair Specialist - Basic Vocational Specialist

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>AUT 151</td>
<td>Automotive Engine Service &amp; Repair</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td><strong>Total Credit Hours</strong></td>
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</tr>
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</table>

### Engine Performance Specialist - Basic Vocational Specialist

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUT 180</td>
<td>Fuel &amp; Ignition System Fundamentals</td>
<td>7</td>
</tr>
<tr>
<td>AUT 271</td>
<td>Diagnostics &amp; Engine Performance</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td><strong>Total Credit Hours</strong></td>
<td><strong>14</strong></td>
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### Transmission & Drivetrain Specialist - Basic Vocational Specialist

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUT 153</td>
<td>Manual Transmissions &amp; Drivetrains</td>
<td>7</td>
</tr>
<tr>
<td>AUT 253</td>
<td>Automatic Transmissions</td>
<td>5</td>
</tr>
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<td><strong>Total Credit Hours</strong></td>
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</tr>
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</table>

### Auto Heating & Air Conditioning - Basic Vocational Specialist

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUT 290</td>
<td>Auto Heating &amp; Air Conditioning</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td><strong>Total Credit Hours</strong></td>
<td><strong>5</strong></td>
</tr>
</tbody>
</table>

### Automotive Courses

All AUT courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.

All repeatable AUT courses can be counted only once toward GPA and graduation.
AUT 100 Sml Eng Tune-Up, Ovhl and Diagnosis (4)  2,4
Live overhaul and tune-ups on major manufacturers’ engine types, both
two and four cycle engines. Fuel systems, carburetion, governors and
preventive maintenance procedures on small engines. (1.2) Proficiency
Credit Available (3 LETSIR) Pass/No Credit Not Available.
In-District Tuition/Fees: $553 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://
elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/
tuition-fees/).
Prerequisite: None
Semester(s) Offered: Varies

AUT 151 Automotive Engine Service & Repair (7)  5,4
A comprehensive course to provide knowledge in the operation and
repair of the automotive engine. Classroom and hands-on experiences
combine to provide skills in all areas of engine service, including engine
disassembly, inspection, measurement, and reassembly. Training is also
provided on machining practices common to the automotive engine.
Topics include cylinder head valve guide and seat service, piston and
cylinder service, crack detection and cleaning practices. Repeatable to 14
credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $969 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://
elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/
tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring

AUT 152 Intro to Auto Operation and Maint. (3)  2,2
This course is designed to provide students an introduction to the
operation and basic maintenance of the automobile. It requires no
previous automotive experience or training, only a desire to learn more
about how your car operates and what type of maintenance will help
provide it a longer life with minimal problems. The parts and operation
of each of the following systems will be discussed followed by hands-on
lab activities reinforcing the inspection and basic maintenance each area
requires. Systems included are the engine, cooling, lubrication, steering,
 suspension, brake, electrical, ignition, fuel and basic computer control.
Preventive maintenance is stressed in each unit of instruction. Students
desiring to perform inspection and maintenance on the vehicle of their
choice are encouraged to have a basic set of tools available to them. (1.2)
Proficiency Credit Available (2 LETSIR) Pass/No Credit Available.
In-District Tuition/Fees: $421 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://
elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/
tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring

AUT 153 Manual Transmissions & Drivetrains (7)  5,4
Lab work and lecture combine to present service skills in the repair of
manual transmissions and drivetrain components. Instruction includes
servicing clutches, front-wheel drive manual transaxles, drivshafts, rear-
wheel drive manual transmissions and axle assemblies. Repeatable to 14
credits. (1.2) Proficiency Credit Available (2 TFSEI) Pass/No Credit Not Available.
In-District Tuition/Fees: $964 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://
elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/
tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall

AUT 160 Automotive Electricity I (6)  4,4
A course that will help unravel the mysteries that seem to surround
electricity. Hands on experiences, demonstrations, and lecture are
utilized to explore and understand electricity and electronics as they
apply to the automobile. A working knowledge of basic electrical theory,
electrical circuitry, wiring diagrams, electronics, and an understanding
of automotive computer operation can be gained through this course.
Use of test equipment, automobile body circuit, and accessory diagnosis
are stressed. Repeatable to 12 credits. (1.2) Proficiency Credit Available
Pass/No Credit Not Available.
In-District Tuition/Fees: $832 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://
elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/
tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

AUT 163 Automotive Electricity II (4)  2,4
An operation, diagnosis, and service approach is taken to provide
knowledge of automotive batteries, starting, and charging systems. In-
depth understanding of these systems can be gained from exposure to a
wide variety of current test equipment and service techniques. Hands-on
testing and repair is emphasized in the service of charging and starting
systems. Repeatable to eight credits (1.2) Proficiency Credit Available
Pass/No Credit Not Available.
In-District Tuition/Fees: $563 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://
elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/
tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall or consent of instructor

AUT 171 Auto Suspensions & Wheel Alignment (5)  3,4
A comprehensive course providing service skills involving automotive
suspension and steering systems. Shop exercises and lecture combine
to provide knowledge regarding service procedures on front and rear
suspension systems, wheels and tires, wheel balance, steering systems,
and four-wheel alignment. Included is information on MacPherson struts,
rack and pinion steering, and rear wheel alignment. Repeatable to 10
credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $700 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://
elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/
tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring

AUT 172 Automotive Brake Systems (5)  3,4
A service-oriented course that will provide experiences in all areas
of brake repair. Topics will include drum brakes, front and rear disc
brakes, hydraulic system service, machining drums and rotors, and anti-
lock brake systems. An emphasis is placed on hands-on experience.
Repeatable to 10 credits. (1.2) Proficiency Credit Available Pass/No
Credit Not Available.
In-District Tuition/Fees: $700 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://
elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/
tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring
AUT 180 Fuel & Ignition System Fundamentals (7) 5,4
An introductory course that will provide knowledge and service skills involving fuel and ignition systems. Included is instruction on fuel injection, infrared exhaust emission testing, electronic ignition systems, diagnostic engine analyzers, basic computer controls and an introduction to OBD II. Basic fuel injection service, oscilloscope testing, and ignition service will be part of the lab experiences. Repeatable to 14 credits; only seven credits may apply toward a degree or certificate. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $964 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: AUT 160 or consent of instructor
Semester(s) Offered: Fall and Spring

AUT 253 Automatic Transmissions (5) 3,4
An introductory course that covers the operation, service and troubleshooting of front and rear-wheel drive automatic transmissions. Included are units on torque converters, transmission maintenance, basic overhaul, removal and installation. Disassembly and basic overhaul techniques are practiced on selected models of transmissions. Repeatable to 10 credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $700 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring

AUT 271 Diagnostics & Engine Performance (7) 5,4
A continuation of AUT 180, this course provides and integration of fuel and ignition systems to provide an advanced understanding of operation and service. Diagnosis of fuel injection, computer-controlled DI, EI, CNP and COP ignition systems, and computerized engine controls is included. Emphasis is placed on operation and diagnosis of on-board computers as they relate to engine performance. OBD II and IEPA vehicle testing and failure analysis is included along with advanced scan tool diagnosis. Repeatable to 14 credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $964 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: AUT 160 and AUT 180 or consent of instructor
Semester(s) Offered: Spring

AUT 296 Introduction to Automotive Certif (2) 2,0
A special course designed to assist the experienced automotive technician who is preparing to take the Automotive Service Excellence (ASE) certification tests. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Two years experience or consent of instructor
Semester(s) Offered: Varies

Basic Nurse Assistant Training Program - Nursing

Nurse assistants provide daily care to patients in the areas of performing vital signs, bathing, providing personal care, assisting patients in and out of bed, helping bedridden patients maintain their ability to move, and caring for the patient’s overall environment. Successful nurse assistants have a blend of physical stamina and compassionate communication skills. The Basic Nurse Assistant (BNA) Training Program prepares students to take the State Competency Written Evaluation for certification, which is necessary for employment as a certified nurse assistant (CNA) in various health care agencies.

Program Approval
The ECC Basic Nurse Assistant Training Program is approved by the Illinois Department of Public Health.

Admission Procedures and Entrance Requirements
To be considered for admission to the Basic Nurse Assistant Training Program students must:

• Apply to ECC (elgin.edu/apply (https://elgin.edu/admissions/apply/))
• Be at least 16 years of age.
• Score in the 12th percentile or better in each section of the PSB-HOA exam.

Note: PSB-HOA testing information may be found at https://elgin.edu/admissions/testing-services/types-of-testing/psb-admission-testing-instructions/. PSB-HOA scores are valid for two years from the date the test is taken. New basic nurse assistant training classes begin in January, May, and August.

Program Requirements
Students must complete the required course with a minimum grade of C. Students must provide their own uniforms, gait belts, and transportation to and from all clinical sites. All students in the program are required to attend the BNA orientation day, which will take place the week before the start of the semester. Students must attend the first class day of the semester and the last class day of the semester for the BNA course. Failure to do so will result in automatic withdrawal and/or failure from the program.

Policies and Procedures
Students registering for the Basic Nurse Assistant Training Program must provide a valid Social Security number in order to be screened for placement on the Illinois Health Care Worker Background Check.
Registry. Students must be listed on this registry in order to be eligible to complete required clinical training. Any student demonstrating a positive background check may be denied admission to any health professions program. A valid Social Security number is also needed to apply for the state CNA certification exam.

Prior to the first day of class, students must have the following documentation on file with the CastleBranch requirement tracking system: negative drug test results, completed medical form, proof of immunizations/titer results, proof of health insurance coverage, and proof of American Heart Association Basic Life Support for Healthcare Providers CPR certification. Any student demonstrating a positive drug test will be dismissed from the Health Professions Division.

The standards, policies, and procedures of the Basic Nurse Assistant Training Program are published in the BNA Program Handbook. Copies of the student handbook may be obtained at elgin.edu/nursing (http://www.elgin.edu/nursing/).

**Basic Nurse Assistant Program Outcomes**

- Describe the health care team and the role of the nurse assistant.
- Identify the scope of practice for the nurse assistant, including ethical and legal responsibilities to the patient/resident.
- Provide quality and safe nurse assistant care in performance of procedure skills for the patient/resident.
- Apply knowledge and skills when caring for a patient/resident with acute, chronic, or terminal health care needs.
- Demonstrate assisting with rehabilitation and restorative nursing care to the adult and older adult.

**Basic Nurse Assistant Training Program - Basic Vocational Specialist**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUR 105</td>
<td>Basic Nurse Assistant Trng Program</td>
<td>7</td>
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</tbody>
</table>

Total Credit Hours 7

**Basic Nurse Assistant Training Program Course**

All NUR courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees. NUR 105 Basic Nurse Assistant Trng Program may only be counted in the GPA for seven hours.

**NUR 105 Basic Nurse Assistant Trng Program (7)**

The Basic Nurse Assistant course of Elgin Community College is designed to prepare qualified nurse assistants to provide patient care as members of a health care team in hospitals, extended care facilities, community agencies and home health care agencies. The nurse assistant course is a seven credit course. It meets the requirements and guidelines set by the state of Illinois Department of Public Health for the Basic Nurse Aide Training Program. Successful completion of the Basic Nurse Assistant Program at ECC involves completing the mandatory hours of theory and hours of clinical instruction and demonstrating manual skills competency. For certification one must pass the Illinois State Competency Written Examination. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/nursing (http://www.elgin.edu/nursing/)

SPECIAL NOTE: Students enrolled in this program are required to have the following: 1) criminal background check, 2) drug test, 3) completed medical form (includes lab tests to prove immunity to common illnesses, TB test, Tdap and flu shot), 4) health insurance, 5) BLS healthcare provider CPR certification, 6) textbook, uniform, and gait belt, and 7) social security number in order to take the Illinois certification exam, which is required to work as a nurse assistant. The cost associated with these requirements is approximately $450 plus the cost for health insurance. Please refer to the college catalog or elgin.edu/nursing for more information. The last day to register for NUR 105 is 11 days before the start of the term. Students must take the PSB exam prior to registering for class and score in the 12th percentile or better in all sections. All students in the program must attend the BNA orientation day which will take place prior to the start of the actual ECC semester to begin to learn strategies to be successful in the program. In addition, students must attend the first class day of the semester and the last class day of the semester for the BNA course. Failure to do so will result in automatic withdrawal and/or failure from the program.

www.elgin.edu/nursing (http://www.elgin.edu/nursing/)

**In-District Tuition/Fees:** $1019 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

**Prerequisite:** Completion of PSB-HOA (Psychological Services Bureau Exam for Health Occupations Aptitude) with a 12th percentile in all categories of the exam

**Semester(s) Offered:** Fall, Spring and Summer

**Business**

The degree in business at Elgin Community College provides the student an opportunity to study the many facets of a business. Students learn the skills needed to meet the demands of business environment functions.

The two-year degree prepares students for employment in today’s ever-changing business world. Topics covered include: business basics, principles of management, concepts of marketing, financial accounting, e-commerce, sales, and global business needs. Additional business skills are developed through the study of economics, business law, communication concepts, and applications of math for business.

Within the two-year degree, concentrations are available in entrepreneurship, marketing, management, and retail management. These concentrations allow the student an in-depth study of a specific aspect of business.
If the student is passionate about starting a business and interested in entrepreneurial pursuits, three certificate options exist in addition to the concentration for the two-year degree. Entrepreneurial-minded students should be self-motivated and understand the demand for the product or service they want to provide.

Instruction to lead to a rewarding and interesting career in marketing and retail management can be pursued at Elgin Community College. The available concentration in the two-year degree plus additional certificates provide the student with opportunities to study the following: marketing concepts, pricing, advertising, merchandise planning, product planning/development, promotion, and sales techniques.

The management concentration in the two-year degree, along with two certificate options, allows the student to study the field of management. The success of a business can depend on the manager’s ability to plan, organize, staff, and lead the business. To be effective, the manager must understand the principles and concepts of business and how the entire environment functions. Understanding the interaction between individuals and how to correctly allocate resources will help the manager to be more effective.

The supply chain management program at Elgin Community College provides you with the necessary skills to perform supply chain management functions within a variety of industries. The certificate includes study of the inter-connected components of supply chain, transportation and logistics, and warehouse operations. In addition, students will be provided training on common business technology including Microsoft Excel. The two year degree includes additional study in many aspects of business including accounting, economics, and business law as well as general education classes. Students will be prepared for entry level work in the various aspects of supply chain by completing an internship within the program.

**Entrance Requirements**
None

**Program Requirements**
None

**Business**
- Explain how entrepreneurship and the other factors of production contribute to the creation of wealth.
- Explain what capitalism is and how free markets work.
- Explain the differences between leaders and managers and describe the various leadership styles.
- Describe the current state of US manufacturing and what manufacturers have done to become more competitive.
- Explain the importance of human resource management, and describe current issues in managing human resources.
- Explain how marketers apply the tools of market segmentation, relationship marketing and the study of consumer behavior.
- Demonstrate the role that accounting and financial information play for a business and its stakeholders.
- Describe the role of securities and investment bankers.

### Business - Associate of Applied Science

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
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<tbody>
<tr>
<td>BUS 120</td>
<td>Business Mathematics</td>
<td>3-4</td>
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<tr>
<td>MTH 125</td>
<td>Finite Math for Business &amp; Management</td>
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<tr>
<td>MTH 126</td>
<td>Calculus for Business/Social Science</td>
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<tr>
<td>BUS 101</td>
<td>Business Communications</td>
<td>3</td>
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<td>or ENG 101</td>
<td>or English Composition I</td>
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<tr>
<td>BUS 100</td>
<td>Introduction to Business</td>
<td>3</td>
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<td>MMT 101</td>
<td>Principles of Management</td>
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<tr>
<td>CIS 110</td>
<td>Introduction to Computers</td>
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<td>or Introduction to Computer Programming</td>
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#### Second Semester

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<td>CMS 101</td>
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<td>Intro to Psychology</td>
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<td>or SOC 100</td>
<td>or Principles of Sociology</td>
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<tr>
<td>MKT 103</td>
<td>Marketing</td>
<td>3</td>
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<td>ECN 201</td>
<td>Principles of Microeconomics</td>
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#### Third Semester

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<tr>
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<td>or BUS 142</td>
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<td>ACC 200</td>
<td>Financial Accounting</td>
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<td>BUS 145</td>
<td>E-Commerce</td>
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#### Fourth Semester

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<tr>
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<td>or BUS 113</td>
<td>or Business Law</td>
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<td>BUS 260</td>
<td>Global Business</td>
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<td>HUM 216</td>
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**Electives by Concentration**

### Entrepreneurship Concentration

<table>
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<tbody>
<tr>
<td>ENT 111</td>
<td>Small Business Management</td>
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<td>ENT 101</td>
<td>Entrepreneurship</td>
<td>3</td>
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<tr>
<td>ENT 220</td>
<td>Business Plan Writing</td>
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<td>ENT 210</td>
<td>Small Business Finance</td>
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### Management Concentration

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<tr>
<td>MMT 125</td>
<td>Leadership Development</td>
<td>3</td>
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<tr>
<td>MMT 102</td>
<td>Organizational Behavior</td>
<td>3</td>
</tr>
<tr>
<td>MMT 107</td>
<td>Human Resource Management</td>
<td>3</td>
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<tr>
<td>BUS 254</td>
<td>Business Ethics</td>
<td>3</td>
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<tr>
<td>SCM 101</td>
<td>Supply Chain Operations Management</td>
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## Marketing Concentration

<table>
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<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>MKT 115</td>
<td>Advertising and Promotion</td>
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<tr>
<td>MMR 101</td>
<td>Principles of Retailing</td>
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<tr>
<td>ENT 101</td>
<td>Entrepreneurship</td>
<td>3</td>
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</table>

Select one of the following:
- CMS 215: Intercultural Communication
- BUS 254: Business Ethics
- MKT 290: Marketing Internship

## Retail Marketing Concentration

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>ENT 101</td>
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<td>MMR 101</td>
<td>Principles of Retailing</td>
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<td>MMR 206</td>
<td>Retail Management</td>
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<td>MKT 115</td>
<td>Advertising and Promotion</td>
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<tr>
<td>CMS 215</td>
<td>Intercultural Communication</td>
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## Business-Supply Chain Management Associate of Applied Science

### First Semester

<table>
<thead>
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<th>Course</th>
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<th>Credits</th>
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<tbody>
<tr>
<td>SCM 101</td>
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<td>SCM 105</td>
<td>Transportation and Logistics</td>
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<td>Introduction to Computers</td>
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<td>BUS 100</td>
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### Second Semester

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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>CIS 242</td>
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<td>BUS 120</td>
<td>Business Mathematics</td>
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<td>or Finite Math for Business &amp; Managmt</td>
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<td>or MTH 126</td>
<td>or Calculus for Business/Social Science</td>
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<tr>
<td>or MTH 112</td>
<td>or College Algebra</td>
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<tr>
<td>CMS 101</td>
<td>Fundamentals of Speech</td>
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<tr>
<td>BUS 131</td>
<td>Customer Service Solutions</td>
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<tr>
<td>SCM 120</td>
<td>Warehouse Management</td>
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**Total:** 15

### Third Semester

<table>
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<tr>
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<tbody>
<tr>
<td>ENG 102</td>
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<tr>
<td>or BUS 142</td>
<td>or Report Writing</td>
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<td>ECN 201</td>
<td>Principles of Microeconomics</td>
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<td>Legal Environment of Business</td>
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<tr>
<td>or BUS 113</td>
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**Total:** 15

### Fourth Semester

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<tbody>
<tr>
<td>SCM 190</td>
<td>Internship - Supply Chain Management</td>
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<tr>
<td>or CIS 244</td>
<td>or Database Applications</td>
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<tr>
<td>ACC 240</td>
<td>Managerial Accounting</td>
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<tr>
<td>BUS 140</td>
<td>Business Statistics</td>
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<td>or BUS 145</td>
<td>or E-Commerce</td>
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<td>ECN 202</td>
<td>Principles of Macroeconomics</td>
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<td>or BUS 260</td>
<td>or Global Business</td>
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## Business-Supply Chain Management Associate of Applied Science

### First Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ENT 101</td>
<td>Entrepreneurship</td>
<td>3</td>
</tr>
<tr>
<td>BUS 100</td>
<td>Introduction to Business</td>
<td>3</td>
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</table>

Select one of the following:
- BUS 120: Business Mathematics
- MTH 125: Finite Math for Business & Management
- MTH 126: Calculus for Business/Social Science
- MTK 103: Marketing
- MMT 101: Principles of Management

**Total:** 15

### Second Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>BUS 101</td>
<td>Business Communications</td>
<td>3</td>
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<tr>
<td>or ENG 101</td>
<td>or English Composition I</td>
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<td>ENT 111</td>
<td>Small Business Management</td>
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<tr>
<td>MTK 105</td>
<td>Sales</td>
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**Total:** 16

### Third Semester

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<td>or BUS 142</td>
<td>or Report Writing</td>
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<tr>
<td>ECN 201</td>
<td>Principles of Microeconomics</td>
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</table>
| MTH 125: Finite Math for Business & Management
- MTH 126: Calculus for Business/Social Science
- MTK 103: Marketing
- MMT 101: Principles of Management

**Total:** 15

## Intermediate Entrepreneurship - Vocational Specialist

### First Semester

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<th>Credits</th>
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<tbody>
<tr>
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<tr>
<td>BUS 100</td>
<td>Introduction to Business</td>
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Select one of the following:
- BUS 120: Business Mathematics
- MTH 125: Finite Math for Business & Management
- MTH 126: Calculus for Business/Social Science
- MTK 103: Marketing
- MMT 101: Principles of Management

**Total:** 15-16

### Second Semester

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<tr>
<td>MTK 105</td>
<td>Sales</td>
<td>3</td>
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<tr>
<td>ACC 200</td>
<td>Financial Accounting</td>
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<tr>
<td>ENT 220</td>
<td>Business Plan Writing</td>
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**Total:** 16

## Program Total

**Total:** 43-44
Introductory Entrepreneurship - Basic Vocational Specialist

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>ENT 101</td>
<td>Entrepreneurship</td>
<td>3</td>
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<tr>
<td>ENT 111</td>
<td>Small Business Management</td>
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<tr>
<td>ENT 220</td>
<td>Business Plan Writing</td>
<td>3</td>
</tr>
<tr>
<td>MKT 103</td>
<td>Marketing</td>
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Total Credit Hours 12

Management

Supervisory & Administrative Management - Vocational Specialist

<table>
<thead>
<tr>
<th>Course</th>
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<tr>
<td></td>
<td>First Semester</td>
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<tr>
<td>MMT 101</td>
<td>Principles of Management</td>
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<tr>
<td>BUS 100</td>
<td>Introduction to Business</td>
<td>3</td>
</tr>
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<td>BUS 101</td>
<td>Business Communications or English Composition</td>
<td>3</td>
</tr>
<tr>
<td>MKT 103</td>
<td>Marketing</td>
<td>3</td>
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<td>BUS 145</td>
<td>E-Commerce</td>
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<td>Second Semester</td>
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<td>MMT 125</td>
<td>Leadership Development</td>
<td>3</td>
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<td>MMT 102</td>
<td>Organizational Behavior</td>
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<td>MMT 107</td>
<td>Human Resource Management</td>
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<td>BUS 254</td>
<td>Business Ethics</td>
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<td>BUS 260</td>
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Marketing - Basic Vocational Specialist

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<tr>
<td>MKT 103</td>
<td>Marketing</td>
<td>3</td>
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<tr>
<td>MKT 105</td>
<td>Sales</td>
<td>3</td>
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<tr>
<td>MKT 115</td>
<td>Advertising and Promotion</td>
<td>3</td>
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<tr>
<td>BUS 145</td>
<td>E-Commerce</td>
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Total Credit Hours 12

Retail Management - Basic Vocational Specialist

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<tr>
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<tbody>
<tr>
<td>MMR 101</td>
<td>Principles of Retailing</td>
<td>3</td>
</tr>
<tr>
<td>MKT 103</td>
<td>Marketing</td>
<td>3</td>
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<td>MKT 105</td>
<td>Sales</td>
<td>3</td>
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<td>MMR 206</td>
<td>Retail Management</td>
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Total Credit Hours 12

Supply Chain Management

Supply Chain & Logistics Specialist Basic Vocational Specialist

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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>SCM 101</td>
<td>Supply Chain Operations Management</td>
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<tr>
<td>SCM 105</td>
<td>Transportation and Logistics</td>
<td>3</td>
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<tr>
<td>CIS 110</td>
<td>Introduction to Computers</td>
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<td>CIS 242</td>
<td>Spreadsheet Applications</td>
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<tr>
<td>MMT 101</td>
<td>Principles of Management</td>
<td>3</td>
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<td>SCM 120</td>
<td>Warehouse Management</td>
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<td>SCM 190</td>
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<td>or CIS 244</td>
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Total Credit Hours 18-19

Business-General Courses

All BUS courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.

BUS 120 Business Mathematics also fulfills the math requirement for the Associate in Liberal Studies and Associate of Applied Science degrees.

Students who intend to transfer to another college/university in business should see an ECC advisor regarding the selection of ECC courses prior to registering.
BUS 100 Introduction to Business (3) 3.0
This basic business course introduces the types and kinds of business enterprises and ownership forms. Students examine the principles and practices of business operations; including management, human resources, marketing, operations, accounting, and finance. (1.1) Proficiency Credit Available (3 T) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

BUS 101 Business Communications (3) 3.0
A comprehensive review of correct language usage and structure for business writing including: grammar, punctuation, business vocabulary, capitalization, number usage, and frequently misspelled words. Introduces the correct structure and writing technique for a variety of business documents including electronic and oral communication in today's business world. Study of the workplace communication including techniques in listening, speaking writing critical thinking, working in teams, understanding multicultural communication and applying the job search process. (1.2) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $511 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None Recommended: Keyboarding skills
Semester(s) Offered: Fall, Spring and Summer

BUS 105 Personal Finance (4) 4.0
^ Provides students with the tools they need to achieve financial freedom. Students will learn how to plan and manage their personal finances; make wise purchasing decisions; properly insure resources; invest resources appropriately; and plan for their financial future. (1.2) Proficiency Credit Available (2 ETI) Pass/No Credit Available.
In-District Tuition/Fees: $528 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Math: Grade of C or better in MTH 096 or MTH 096, or satisfaction of other placement criteria.
Semester(s) Offered: Fall, Spring and Summer

BUS 112 Legal Environment of Business (3) 3.0
A course dealing with those aspects of law directly related to the business environment including: contracts, torts, choice of business entity, the Clayton Act, Federal Trade Commission, mergers, labor/management, employment, discrimination, consumer protection, and product liability. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, an ACT score of 18 or above, or an appropriate placement score Writing: Grade of C or better in ENG 098 or LTC 099, an ACT score of 20, or an appropriate placement score.
Semester(s) Offered: Fall and Spring

BUS 113 Business Law (3) 3.0
Study of the law of contracts, agency, negotiable instruments and related topics. Case materials and problems are used. (1.1) Proficiency Credit Available (3 ) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Reading:Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.
Semester(s) Offered: Fall and Spring

BUS 120 Business Mathematics (3) 3.0
Basic arithmetic and algebra skills are applied to common business applications. To develop higher skills and understanding of business concepts, the following will be included: Banking, Business analysis and decision making, discounts and margins, payroll, interest, Present value and Future value of money, Debt decisions and implications, and financial reports. (1.2) Proficiency Credit Available (2 ETI) Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Math: Grade of C or better in MTH 090 or an appropriate placement score.
Semester(s) Offered: Fall, Spring and Summer

BUS 131 Customer Service Solutions (1) 1.0
This course is designed to build and maintain the critical skills necessary to be a dynamic and successful service professional in a service-driven organization. Students will gain insight into customer behavior, attitudes, and perceptions and will develop strategies to create positive customer relationships. Customer Service Solutions will emphasize face-to-face encounters as well as telephone communication skills. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

BUS 140 Business Statistics (3) 3.0
Introduces the student to basic statistical principles and the procedures for applying statistical tools and techniques. Student learns to use simple analysis including measures of central tendency, dispersion, and skewness. Through the study of probability, discrete probability distributions (Binomial, Hypergeometric, Poisson, Uniform) and the normal distribution, a background for statistical inference is developed. Basic statistical inference is studied by using estimation, hypothesis testing, chi square analysis and linear regression and correlation. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Prerequisite: Grade of C or better in MTH 125 or MTH 112 or consent of instructor
Semester(s) Offered: Fall and Spring
BUS 142 Report Writing (3)  3.0
This course includes the practical essentials for preparing written communication of all types and formats, including business and technical uses. The goal is to develop the skills you may encounter in your career. Professional writing for a specific audience and a practical purpose. Emphasis is placed on business documents such as reports, business letters, and memos. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $511 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: BUS 101 or ENG 101
Semester(s) Offered: Spring

BUS 145 E-Commerce (3)  3.0
This course explores the business opportunities, challenges, and strategies for the use of electronic commerce. Included will be an examination of retail issues, advertising methods and strategies, service industries, business-to-business concerns, and implementation strategies. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Spring

BUS 231 Customer Relationship Management (3)  3.0
A study of the customer care process and how to strive for service excellence. Explores the impact of culture, technology, and globalization, and raises ethical questions to promote consideration of the responsibilities associated with success in customer service management. Students understand trends in customer service, understanding customers and their needs, and customer satisfaction. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Spring

BUS 238 Effective Listening (3)  3.0
A study of listening as an integral part of the communication process, development of listening/feedback skills, and an awareness of barriers to effective listening and feedback. Explores the impact of culture, technology, and globalization, and raises ethical questions to promote consideration of the responsibilities associated with listening. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Spring

BUS 245 Business Ethics (3)  3.0
Utilizes an applied managerial approach to business ethics and strategic business decisions. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in BUS 101 and ENG 101
Semester(s) Offered: Fall and Spring

BUS 260 Global Business (3)  3.0
This course covers fundamental principles of global business. Topics covered include global business trends, forms and strategies of global business entry, an analysis of global economic, legal, political, and cultural business environments, and employment opportunities outside the U.S. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in BUS 100
Semester(s) Offered: Fall

BUS 265 Problems and Projects in Business (4)  4.0
Course examining contemporary business problems, issues, and topics. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $528 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Consent of Instructor
Semester(s) Offered: Fall, Spring and Summer

Business-Entrepreneurship Courses
All ENT courses numbered 100 and above may be applied to the major and elective requirement for the Associate in Arts and Associate in Science degrees.

ENT 101 Entrepreneurship (3)  3.0
This course is designed as an introductory course in entrepreneurship, including an overview of the major elements associated with starting and maintaining a business enterprise including financial statement review, professional advisors, marketing issues and other related topics. Students examine various small businesses and analyze successful and unsuccessful business ownership and management practices. (1.2) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring
ENT 111 Small Business Management (3)  3.0
This course is designed to help the student understand the advantages and disadvantages of going into business; know how to construct a business plan and how to get started; be able to identify the form of business that best meets the needs of the small business. The student should be able to recognize the obstacles to success and get an understanding of how to overcome them. (1.2) Proficiency Credit Available (3 I) Pass/No Credit Not Available NOTE: This course is offered concurrently as MMT 111. The student must decide whether to earn credits in Entrepreneurship (ENT) or Management (MMT) prior to enrolling.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall and Spring

ENT 210 Small Business Finance (3)  3.0
This course examines the various resources available for funding a small business. The student will analyze financial statements and write a loan proposal. The student will also gain an understanding of working capital and cash management. (1.2) Proficiency Credit Not Available Pass/No Credit Available NOTE: This course is offered concurrently as MMT 210. The student must decide whether to earn credits in Entrepreneurship (ENT) or Management (MMT) prior to enrolling.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: BUS 100 or ACC 100 or consent of instructor
Semester(s) Offered: Fall

ENT 220 Business Plan Writing (3)  3.0
This course is about business planning in the Entrepreneurship track, students work in groups to develop, construct, present, evaluate, and analyze a market-ready business plan. Business plan development will include all areas of the business planning process including: business concept, product development, marketing, management, financing, and ongoing operation. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: BUS 100 or ACC 100 or consent of instructor
Recommended: ENT 101
Semester(s) Offered: Spring

Business-Management Courses
All MMT courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.

MMT 101 Principles of Management (3)  3.0
An interdisciplinary course in management that covers fundamental concepts and practical applications in the field of management. Emphasizing the basic functions of management - planning, organizing, leading and controlling - this course provides a framework for understanding global challenges, ethical decision-making, and workplace diversity. (1.2) Proficiency Credit Available (3HCT) Pass/No Credit Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

MMT 102 Organizational Behavior (3)  3.0
This course provides a conceptual framework and introduces practical skills to develop organizational efficiency through the interaction of individuals and groups. Emphasis is placed on leveraging sustainability efforts to improve organizational performance and society as a whole. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

MMT 107 Human Resource Management (3)  3.0
Basic course covering the practical situations that managers face in human resource positions. Designed to develop skills necessary to solve day-to-day problems that arise in working with employees and administering programs of employee selection, training, evaluation, compensation, labor relations and personnel planning. Also stressed is the effect of federal legislation on personnel decisions as well as diversity issues. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall

MMT 125 Leadership Development (3)  3.0
Focus on the basic principles of personal and interpersonal leadership that can be used in any life arena. Explore variables that affect productivity, effectiveness, and efficiency, and a variety of interpersonal skill-sets. Emphasis will be placed on vision, goals & objectives, motivation, decision-making, time management, power, team building, conflict, ethics, dealing with change, communication skills, emotional intelligence, and diversity issues. Explore a variety of other topics including developing your personal leadership style, and organizational politics. (1.2) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Effective Summer 2020 None
Recommended: Grade of C or better in MMT 101 or concurrent enrollment in MMT 101
Semester(s) Offered: Fall and Spring
Business-Marketing/Retail Management Courses

All MKT and MMR courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.

MKT 103 Marketing (3) 3,0
Fundamental course describing the total system of interacting business activities designed to plan, price, promote and distribute want-satisfying products and services. Includes consumer motivation and behavior, consumer buying patterns, product planning and development, distribution channels and the retail market, pricing objectives, promotions, marketing in special fields and evaluation of the marketing effort. (1.1) Proficiency Credit Available Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

MKT 105 Sales (3) 3,0
A practical course that deals with the sales process (prospecting, preapproach, presentation or demonstration, trial close, answering questions and meeting objections, close, follow-up), motivational and behavioral techniques used in selling, ethics in selling, and the exploration of selling as a career. Each student will be involved in sales demonstrations and the critique of sales demonstrations. (1.2) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

MKT 115 Advertising and Promotion (3) 3,0
A broad survey of advertising in an economy of abundance and its relationship to marketing, sales and profit. Newspaper, radio, TV and direct mail advertising will be studied. Problems and techniques of planning and coordinating an integrated series of promotional efforts for a successful promotional program will be discussed. (1.2) Proficiency Credit Available (2 EI) Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

MKT 290 Marketing Internship (3) 0,0
This course is designed to give the student valuable hands on experience by entering a partnership with industry. The internship agreement will last for a minimum of 300 hours. Under the supervision of a faculty member and designated employee, the student with participate in a variety marketing projects. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Consent of instructor
Semester(s) Offered: Fall, Spring and Summer

MMR 101 Principles of Retailing (3) 3,0
Retailing is the business of selling, and retail managers are marketing specialists who are business owners. This course is intended to develop the skills needed in retailing through practice in the retail environment. (1.1) Proficiency Credit Available (2 EI) Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in MMR 101 or consent of instructor
Semester(s) Offered: Fall, Spring and Summer

Business-Supply Chain Management Courses

SCM 101 Supply Chain Operations Management (3) 3,0
This course provides an overview of Supply Chain Management and the different interconnected roles in operations management. Topics include managing inventories, logistics, manufacturing processes, and sourcing. Coordination between internal and external demands and the tools needed will also be included. (1.2) Proficiency Credit Available (2T) Pass/No Credit Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring
Clinical Laboratory Technology

The Clinical Laboratory Technology (CLT) program prepares individuals for rewarding professional careers that combine medicine and science. Students learn to perform diagnostic analyses using state-of-the-art laboratory equipment, interpret test results, and consult with physicians in determining and monitoring necessary treatment for patients. The program integrates general education and professional courses with hands-on experiences in a variety of clinical lab settings. Online education is combined with on-campus labs to prepare students with the technical skills needed to work in the following laboratory departments: hematology, microbiology, chemistry, blood bank, immunology, microscopy and phlebotomy. Upon completion of the associate degree, students are eligible to sit for a national certification exam offered by the American Society of Clinical Pathology (ASCP).

The clinical laboratory assistant (CLA) program leads to a basic vocational certificate and provides students with the skills necessary to collect and process specimens, prepare slides, set up cultures, and perform point-of-care testing procedures.

Accreditation

The Clinical Laboratory Technology program is accredited by:

National Accrediting Agency for Clinical Laboratory Sciences (NAACLS)
5600 N. River Rd., Suite 720
Rosemont, IL 60018
773-714-8880
naacls.org (http://www.naacls.org)

Entrance Requirements: Clinical Laboratory Technology

- Score in the 25th percentile or better in each section of the PSB-HOA exam
- Grade of C or better in BIO 110 Principles of Biology or equivalent
- Grade of C or better in CHM 101 Preparatory Chemistry or equivalent or grades of C or better in two semesters of high school chemistry within the last five years
- Grade of C or better in MTH 097 Plane Geometry or equivalent or grades of C or better in two semesters of high school geometry or appropriate score on the geometry placement test
- Grade of C or better in MTH 098 Intermediate Algebra or equivalent or appropriate score on the algebra placement test

Entrance Requirements: Clinical Laboratory Assistant

- Score in the 25th percentile or better in each section of the PSB-HOA exam
- Grade of C or better in BIO 110 Principles of Biology or equivalent or grades of C or better in two semesters of high school biology
- Grade of C or better in CHM 101 Preparatory Chemistry or equivalent or grades of C or better in two semesters of high school chemistry
- Grade of C or better in MTH 098 Intermediate Algebra or equivalent or grades of C or better in four semesters of high school algebra or appropriate score on the algebra placement test

Preference is given to candidates who are legal residents of Community College District 509, Elgin Community College. Working in district does not meet this requirement. Qualified applicants from other districts may be considered if space is available. Go to elgin.edu/jointagreements to learn more.

Admission Procedures

Admission to the program is selective. For more information, please see the admission requirements (https://elgin.edu/academics/departments/clinical-lab-technology/program-admissions/).

Program Requirements

Students must complete all required courses with grades of C or better to be eligible to sit for the medical laboratory technician certification exam offered by the American Society of Clinical Pathology (ASCP). Prior
credits in biology, chemistry, or mathematics must have been earned within the last 10 years. Students must provide their own uniform and transportation to and from all clinical sites.

Students who complete the clinical laboratory assistant certificate and who continue in the CLT program will receive credit for CLT 100 Intro to Clinical Lab Technology and CLT 120 Clinical Lab Technology Practicum I.

Policies and Procedures

Students applying to health professions programs must provide a valid Social Security number in order to be screened for placement on the Illinois Health Care Worker Background Check Registry. Students must be listed on this registry in order to be eligible to complete required clinical training. Students demonstrating a positive background check will be denied admission to any health professions program. A valid Social Security number is also needed to apply for licensing/certification exams.

Before attending clinical training, students must have the following documentation on file in the health professions division office: negative drug test results, completed medical form which includes proof of immunizations/titer results, and proof of health insurance coverage.

Health professions students will be required to update their drug test, TB test/TB survey, and flu vaccine on an annual basis. Students demonstrating a positive drug test will be dismissed from the health professions division.

The standards, policies, and procedures of the clinical laboratory technology program are published in the clinical laboratory technology student handbook. Copies of the student handbook may be obtained online at elgin.edu/clt (http://www.elgin.edu/clt/).

- Collect and process specimens independently.
- Apply test principles in the performance of diagnostic lab analyses.
- Correlate test results with clinical disease states.
- Evaluate quality control results before reporting test results.
- Follow established laboratory safety policies.
- Organize and prioritize tasks appropriately.
- Initiate measures to correct technical problems.
- Maintain quality performance under stress.
- Convey written and verbal information to others in a timely manner.
- Follow written and verbal instructions accurately.
- Use computer technology to operate equipment and manage information.
- Develop a sense of responsibility to the patient and the employer.
- Treat co-workers with respect and maintain professionalism in appearance and conduct.
- Remain adaptable to changes that occur in the profession.
- Grow intellectually through continuing education.

Clinical Laboratory Technology
- Associate of Applied Science

### Clinical Laboratory Technology

**Course** | **Title** | **Credit Hours**
--- | --- | ---
**First Semester**
Select one of the following: | | 5-8
BIO 240 | Human Anatomy and Physiology | 4

**Second Semester**

<table>
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<tr>
<td>ENG 101</td>
<td>English Composition I</td>
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Select one of the following: 2.5-5

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<tr>
<td>CLT 100</td>
<td>Intro to Clinical Lab Technology</td>
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<tr>
<td>CLT 105 &amp; CLT 106</td>
<td>Clinical Lab Assistant Skills I and Clinical Lab Assistant Skills II</td>
</tr>
<tr>
<td>CLT 120</td>
<td>Clinical Lab Technology Practicum I</td>
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**Total** | **15-20.5**

**Third Semester**

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<tbody>
<tr>
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<tr>
<td>ENG 102</td>
<td>English Composition II</td>
</tr>
<tr>
<td>Social/Behavioral Science Elective (p. 192)</td>
<td></td>
</tr>
<tr>
<td>CLT 110</td>
<td>Clinical Microscopy</td>
</tr>
<tr>
<td>CLT 112</td>
<td>Clinical Hematology</td>
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**Total** | **17.5**

**Fourth Semester**

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<tr>
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<td>Microbiology</td>
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<tr>
<td>CLT 114</td>
<td>Clinical Immunology</td>
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</table>

**Total** | **6.5**

**Program Total** | **67-73.5**

**Clinical Laboratory Assistant - Basic Vocational Specialist**

### First Semester

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<td>CLT 101</td>
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<td>CLT 105</td>
<td>Clinical Lab Assistant Skills I</td>
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<td>CLT 106</td>
<td>Clinical Lab Assistant Skills II</td>
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**Total** | **8**

### Second Semester

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<td>Clinical Lab Technology Practicum I $^1$</td>
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**Total** | **1.5**

**Program Total** | **9.5**

$^1$ Students with one year of full-time phlebotomy experience may apply for proficiency credit for CLT 120 Clinical Lab Technology Practicum I.

All CLT courses numbered 100 and above may be applied to the major field and elective requirement in the Associate in Arts and Associate in Science degrees.

SPECIAL NOTE: A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Clinical Laboratory Technology (CLT) program. For more information please refer to elgin.edu/clt (https://elgin.edu/clt/).
CLT 100 Intro to Clinical Lab Technology (2.5)  2,1
This introductory course will familiarize the student with the professional responsibilities of the clinical laboratory technician. Units on medical terminology, laboratory safety, infection control, use of diagnostic equipment, and quality control will be covered. Students develop basic phlebotomy skills in preparation for CLT 120. (1.2) Proficiency Credit Available Pass/No Credit Not Available

www.elgin.edu/clt (http://www.elgin.edu/clt/)

SPECIAL NOTE: Explore the clinical laboratory technology program and come to an information session. For more details, go to elgin.edu/visithec (http://elgin.edu/visithec/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Clinical Laboratory Technology (CLT) program. For more information please refer to elgin.edu/clt (http://elgin.edu/clt/).

In-District Tuition/ Fees: $480 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Acceptance into Clinical Laboratory Technology program or program director consent

Semester(s) Offered: Fall

CLT 101 Phlebotomy (3)  3,0
Students will learn basic techniques for blood specimen collection. Units on anatomy and physiology of the circulatory system, medical terminology, specimen processing, laboratory safety, infection control, quality control, and professional skills will also be covered. Students who wish to become certified as phlebotomy technicians must also complete 1.5 credits of CLT 120. (1.2) Proficiency Credit Available (2 EST) Pass/No Credit Not Available

SPECIAL NOTE: Explore the clinical laboratory technology program and come to an information session. For more details, go to elgin.edu/visithec (http://elgin.edu/visithec/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Clinical Laboratory Technology (CLT) program. For more information please refer to elgin.edu/clt (http://elgin.edu/clt/).

In-District Tuition/ Fees: $496 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Score in the 12th percentile or better in each section of the PSB-HOA exam

Semester(s) Offered: Fall, Spring and Summer

CLT 105 Clinical Lab Assistant Skills I (2)  1,2
The Clinical Laboratory Assistant is an important member of the clinical laboratory team. CLAs are responsible for specimen collection and processing, reagent preparation, instrument maintenance, and performance of basic laboratory tests. Units on medical terminology, laboratory safety, infection control, use of diagnostic equipment, quality control, customer service skills, and laboratory information systems will be covered. (1.2) Proficiency Credit Available (2 ME) Pass/No Credit Not Available

www.elgin.edu/clt (http://www.elgin.edu/clt/)

SPECIAL NOTE: Explore the clinical laboratory technology program and come to an information session. For more details, go to elgin.edu/visithec (http://elgin.edu/visithec/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Clinical Laboratory Technology (CLT) program. For more information please refer to elgin.edu/clt (http://elgin.edu/clt/).

In-District Tuition/ Fees: $364 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Acceptance into Clinical Laboratory Assistant program or program director consent

Semester(s) Offered: Spring

CLT 106 Clinical Lab Assistant Skills II (3)  2,2
This course builds on the skills learned in CLT 105. Students will perform basic laboratory procedures in urinalysis, hematology, chemistry, microbiology, and immunology. Students who successfully complete CLT 105 and CLT 106 will be granted credit for CLT 100 in the Clinical Laboratory Technician program. (1.2) Proficiency Credit Available (2 ME) Pass/No Credit Not Available

www.elgin.edu/clt (http://www.elgin.edu/clt/)

SPECIAL NOTE: Explore the clinical laboratory technology program and come to an information session. For more details, go to elgin.edu/visithec (http://elgin.edu/visithec/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Clinical Laboratory Technology (CLT) program. For more information please refer to elgin.edu/clt (http://elgin.edu/clt/).

In-District Tuition/ Fees: $496 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Grade of C or better in CLT 105 or program director consent

Semester(s) Offered: Spring
CLT 110 Clinical Microscopy (3) 2,2
Students will learn basic microscopy techniques used in performing body fluid analyses. Anatomy and physiology of the urinary system, renal disease states, diagnostic test principles and procedures, and clinical correlation of lab results will be covered. (1.2) Proficiency Credit Available Pass/No Credit Not Available

www.elgin.edu/clt (http://www.elgin.edu/clt/)

SPECIAL NOTE: Explore the clinical laboratory technology program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Clinical Laboratory Technology (CLT) program. For more information please refer to elgin.edu/clt (http://elgin.edu/clt/).

In-District Tuition/Fees: $546 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in BIO 240 or BIO 246 and CLT 100 or CLT 106 or program director consent

Semester(s) Offered: Spring

CLT 112 Clinical Hematology (3.5) 2,3
Students will learn basic lab techniques used in performing hematology/hemostasis analyses. Hematopoiesis, hematologic disorders, diagnostic test principles and procedures, instrumentation, and clinical correlation of lab results will be covered. (1.2) Proficiency Credit Available Pass/No Credit Not Available

www.elgin.edu/clt (http://www.elgin.edu/clt/)

SPECIAL NOTE: Explore the clinical laboratory technology program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Clinical Laboratory Technology (CLT) program. For more information please refer to elgin.edu/clt (http://elgin.edu/clt/).

In-District Tuition/Fees: $612 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in BIO 240 or BIO 246 and CLT 100 or CLT 106 or program director consent

Semester(s) Offered: Spring

CLT 114 Clinical Immunology (2.5) 2,1
Students will learn basic lab techniques used in performing serologic analyses. The immune system, the immune response in health and disease, diagnostic test principles and procedures, and clinical correlation of lab results will be covered. (1.2) Proficiency Credit Available Pass/No Credit Not Available

www.elgin.edu/clt (http://www.elgin.edu/clt/)

SPECIAL NOTE: Explore the clinical laboratory technology program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Clinical Laboratory Technology (CLT) program. For more information please refer to elgin.edu/clt (http://elgin.edu/clt/).

In-District Tuition/Fees: $612 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in BIO 240 or BIO 246 and CLT 100 or CLT 106 or program director consent

Semester(s) Offered: Spring

CLT 120 Clinical Lab Technology Practicum I (.5-1.5) 0,1.5
(0, 1.5-4.5) Practicum I will provide the student with supervised clinical experience in a phlebotomy setting. Students who have completed CLT 101 and earn 1.5 credits of CLT 120 are eligible to take a national certification exam for phlebotomy technicians. (1.2) Proficiency Credit Available (2 EST) Pass/No Credit Not Available

www.elgin.edu/clt (http://www.elgin.edu/clt/)

SPECIAL NOTE: Explore the clinical laboratory technology program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Clinical Laboratory Technology (CLT) program. For more information please refer to elgin.edu/clt (http://elgin.edu/clt/).

In-District Tuition/Fees: $348 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Program director consent

Semester(s) Offered: Fall, Spring and Summer
CLT 210 Clinical Chemistry (3.5)  2,3
Students will learn basic lab techniques used in performing biochemical analyses. Units on carbohydrates, proteins, lipids, enzymes, hormones, electrolytes, and toxicology will include diagnostic test principles and procedures, instrumentation, and clinical correlation of lab results. (1.2) Proficiency Credit Available Pass/No Credit Not Available
www.elgin.edu/clt (http://www.elgin.edu/clt/)

SPECIAL NOTE: Explore the clinical laboratory technology program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Clinical Laboratory Technology (CLT) program. For more information please refer to elgin.edu/clt (http://elgin.edu/clt/).

In-District Tuition/Fees: $612 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Grade of C or better in CHM 142 and CLT 100 or CLT 106 or program director consent
Semester(s) Offered: Fall

CLT 212 Clinical Microbiology (3.5)  2,3
Students will learn sterile techniques used to isolate and identify microorganisms. Antibiotic susceptibility testing and clinical correlation of lab results will be covered. Supplemental units on parasitology, mycology, and virology will be introduced. (1.2) Proficiency Credit Available Pass/No Credit Not Available
www.elgin.edu/clt (http://www.elgin.edu/clt/)

SPECIAL NOTE: Explore the clinical laboratory technology program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Clinical Laboratory Technology (CLT) program. For more information please refer to elgin.edu/clt (http://elgin.edu/clt/).

In-District Tuition/Fees: $612 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Grade of C or better in CHM 142 and CLT 100 or CLT 106 or program director consent
Semester(s) Offered: Fall

CLT 214 Clinical Immunohematology (3)  2,2
Students will learn basic lab techniques used in blood typing, compatibility testing, and antibody identification. Other functions of the blood bank including donor blood collection, screening, and component processing will be covered. (1.2) Proficiency Credit Available Pass/No Credit Not Available
www.elgin.edu/clt (http://www.elgin.edu/clt/)

SPECIAL NOTE: Explore the clinical laboratory technology program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Clinical Laboratory Technology (CLT) program. For more information please refer to elgin.edu/clt (http://elgin.edu/clt/).

In-District Tuition/Fees: $546 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Grade of C or better in CLT 114 or program director consent
Semester(s) Offered: Spring

CLT 220 Clinical Lab Technology Practicum II (S)  0,15
Practicum II will provide the student with supervised experience in a clinical laboratory. Student rotations will be scheduled in hematology and chemistry departments. (1.2) Proficiency Credit Available Pass/No Credit Not Available
www.elgin.edu/clt (http://www.elgin.edu/clt/)

SPECIAL NOTE: Explore the clinical laboratory technology program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Clinical Laboratory Technology (CLT) program. For more information please refer to elgin.edu/clt (http://elgin.edu/clt/).

In-District Tuition/Fees: $810 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Grade of C or better in CLT 110, CLT 112 and CLT 210 or program director consent
Semester(s) Offered: Fall, Spring and Summer
Clinical Laboratory Technology—Phlebotomy

Phlebotomy is the collection of blood specimens using venipuncture and dermal puncture techniques. Phlebotomists are often the first member of the laboratory team that the patient encounters. For this reason, students considering a career in phlebotomy should possess good communication skills in addition to being able to perform technical procedures accurately and react professionally in critical situations. Phlebotomists work in hospitals, outpatient clinics, commercial labs, blood centers, physicians’ office labs and others.

Students who complete all required phlebotomy courses with grades of C or better will receive a Basic Vocational Specialist certificate from ECC.

Entrance Requirements
• Score in the 12th percentile or better in each section of the PSB-HOA exam
• Official high school transcript or GED certificate

Program Requirements
Students must provide their own uniform and transportation to and from all clinical sites. To be eligible to sit for the phlebotomy technician certification exam offered by the American Society of Clinical Pathology (ASCP) students must provide proof of high school graduation or equivalent or successful completion of college level courses.

Policies and Procedures
Students applying to health professions programs must provide a valid Social Security number in order to be screened for placement on the Illinois Health Care Worker Background Check Registry. Students must be listed on this registry in order to be eligible to complete required clinical training. Students demonstrating a positive background check will be denied admission to any health professions program. A valid Social Security number is also needed to apply for licensing/certification exams.

Before attending clinical training, students must have the following documentation on file in the health professions division office: negative drug test results, completed medical form which includes proof of immunizations/titer results, and proof of health insurance coverage. Health professions students will be required to update their drug test, TB test/TB survey, and flu vaccine on an annual basis. Students demonstrating a positive drug test will be dismissed from the health professions division.

The standards, policies and procedures of the phlebotomy program are published in the phlebotomy student handbook. Copies of the student handbook may be obtained online at elgin.edu/phlebotomy.

Phlebotomy - Basic Vocational Specialist

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<td></td>
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</tr>
<tr>
<td>CLT 120</td>
<td>Clinical Lab Technology Practicum I</td>
<td>1.5</td>
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<tr>
<td></td>
<td>Program Total</td>
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Please remove the special notes, below each course, we do not do information sessions. Thank you. Debbie

All CLT courses numbered 100 and above may be applied to the major field and elective requirement in the Associate in Arts and Associate in Science degrees.

SPECIAL NOTE: A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Clinical Laboratory Technology (CLT) program. For more information please refer to elgin.edu/clt (https://elgin.edu/clt/).
CLT 100 Intro to Clinical Lab Technology (2.5)  2,1
This introductory course will familiarize the student with the professional responsibilities of the clinical laboratory technician. Units on medical terminology, laboratory safety, infection control, use of diagnostic equipment, and quality control will be covered. Students develop basic phlebotomy skills in preparation for CLT 120. (1.2) Proficiency Credit Available Pass/No Credit Not Available
www.elgin.edu/clt (http://www.elgin.edu/clt/)

SPECIAL NOTE: Explore the clinical laboratory technology program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Clinical Laboratory Technology (CLT) program. For more information please refer to elgin.edu/clt (http://elgin.edu/clt/).

In-District Tuition/Fees: $480 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/ (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Acceptance into Clinical Laboratory Technology program or program director consent
Semester(s) Offered: Fall

CLT 101 Phlebotomy (3)  3,0
Students will learn basic techniques for blood specimen collection. Units on anatomy and physiology of the circulatory system, medical terminology, specimen processing, laboratory safety, infection control, quality control, and professional skills will also be covered. Students who wish to become certified as phlebotomy technicians must also complete 1.5 credits of CLT 120. (1.2) Proficiency Credit Available (2 EST) Pass/No Credit Not Available

SPECIAL NOTE: Explore the clinical laboratory technology program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Clinical Laboratory Technology (CLT) program. For more information please refer to elgin.edu/clt (http://elgin.edu/clt/).

In-District Tuition/Fees: $496 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/ (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Score in the 12th percentile or better in each section of the PSB-HOA exam
Semester(s) Offered: Fall, Spring and Summer

CLT 105 Clinical Lab Assistant Skills I (2)  1,2
The Clinical Laboratory Assistant is an important member of the clinical laboratory team. CLAs are responsible for specimen collection and processing, reagent preparation, instrument maintenance, and performance of basic laboratory tests. Units on medical terminology, laboratory safety, infection control, use of diagnostic equipment, quality control, customer service skills, and laboratory information systems will be covered. (1.2) Proficiency Credit Available (2 ME) Pass/No Credit Not Available
www.elgin.edu/clt (http://www.elgin.edu/clt/)

SPECIAL NOTE: Explore the clinical laboratory technology program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Clinical Laboratory Technology (CLT) program. For more information please refer to elgin.edu/clt (http://elgin.edu/clt/).

In-District Tuition/Fees: $364 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/ (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Acceptance into Clinical Laboratory Assistant program or program director consent
Semester(s) Offered: Spring

CLT 106 Clinical Lab Assistant Skills II (3)  2,2
This course builds on the skills learned in CLT 105. Students will perform basic laboratory procedures in urinalysis, hematology, chemistry, microbiology, and immunology. Students who successfully complete CLT 105 and CLT 106 will be granted credit for CLT 100 in the Clinical Laboratory Technician program. (1.2) Proficiency Credit Available (2 ME) Pass/No Credit Not Available
www.elgin.edu/clt (http://www.elgin.edu/clt/)

SPECIAL NOTE: Explore the clinical laboratory technology program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Clinical Laboratory Technology (CLT) program. For more information please refer to elgin.edu/clt (http://elgin.edu/clt/).

In-District Tuition/Fees: $496 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/ (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in CLT 105 or program director consent
Semester(s) Offered: Spring
CLT 110 Clinical Microscopy (3)  2,2
Students will learn basic microscopy techniques used in performing body fluid analyses. Anatomy and physiology of the urinary system, renal disease states, diagnostic test principles and procedures, and clinical correlation of lab results will be covered. (1.2) Proficiency Credit Available
Pass/No Credit Not Available
www.elgin.edu/clt (http://www.elgin.edu/clt/)

SPECIAL NOTE: Explore the clinical laboratory technology program and come to an information session. For more details, go to elgin.edu/visitcecc (http://elgin.edu/visitcecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Clinical Laboratory Technology (CLT) program. For more information please refer to elgin.edu/clt (http://elgin.edu/clt/).

In-District Tuition/Fees: $546 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/ tuition-fees/).
Prerequisite: Grade of C or better in BIO 240 or BIO 246 and CLT 100 or CLT 106 or program director consent
Semester(s) Offered: Spring

CLT 112 Clinical Hematology (3.5)  2,3
Students will learn basic lab techniques used in performing hematology/hemostasis analyses. Hematopoiesis, hematologic disorders, diagnostic test principles and procedures, instrumentation, and clinical correlation of lab results will be covered. (1.2) Proficiency Credit Available Pass/No Credit Not Available
www.elgin.edu/clt (http://www.elgin.edu/clt/)

SPECIAL NOTE: Explore the clinical laboratory technology program and come to an information session. For more details, go to elgin.edu/visitcecc (http://elgin.edu/visitcecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Clinical Laboratory Technology (CLT) program. For more information please refer to elgin.edu/clt (http://elgin.edu/clt/).

In-District Tuition/Fees: $612 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in BIO 240 or BIO 246 and CLT 100 or CLT 106 or program director consent
Semester(s) Offered: Spring

CLT 114 Clinical Immunology (2.5)  2,1
Students will learn basic lab techniques used in performing serologic analyses. The immune system, the immune response in health and disease, diagnostic test principles and procedures, and clinical correlation of lab results will be covered. (1.2) Proficiency Credit Available
Pass/No Credit Not Available
www.elgin.edu/clt (http://www.elgin.edu/clt/)

SPECIAL NOTE: Explore the clinical laboratory technology program and come to an information session. For more details, go to elgin.edu/visitcecc (http://elgin.edu/visitcecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Clinical Laboratory Technology (CLT) program. For more information please refer to elgin.edu/clt (http://elgin.edu/clt/).

In-District Tuition/Fees: $480 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in BIO 240 or BIO 246 and CLT 100 or CLT 106 or program director consent
Semester(s) Offered: Spring

CLT 120 Clinical Lab Technology Practicum I (.5-1.5)  0,1.5
(0, 1.5-4.5) Practicum I will provide the student with supervised clinical experience in a phlebotomy setting. Students who have completed CLT 101 and earn 1.5 credits of CLT 120 are eligible to take a national certification exam for phlebotomy technicians. (1.2) Proficiency Credit Available (2 EST) Pass/No Credit Not Available
www.elgin.edu/clt (http://www.elgin.edu/clt/)

SPECIAL NOTE: Explore the clinical laboratory technology program and come to an information session. For more details, go to elgin.edu/visitcecc (http://elgin.edu/visitcecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Clinical Laboratory Technology (CLT) program. For more information please refer to elgin.edu/clt (http://elgin.edu/clt/).

In-District Tuition/Fees: $348 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Program director consent
Semester(s) Offered: Fall, Spring and Summer
CLT 210 Clinical Chemistry (3.5)  2,3
Students will learn basic lab techniques used in performing biochemical analyses. Units on carbohydrates, proteins, lipids, enzymes, hormones, electrolytes, and toxicology will include diagnostic test principles and procedures, instrumentation, and clinical correlation of lab results. (1.2) Proficiency Credit Available Pass/No Credit Not Available

www.elgin.edu/clt (http://www.elgin.edu/clt/)

SPECIAL NOTE: Explore the clinical laboratory technology program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Clinical Laboratory Technology (CLT) program. For more information please refer to elgin.edu/clt (http://elgin.edu/clt/).

In-District Tuition/Fees: $612 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Grade of C or better in CHM 142 and CLT 100 or CLT 106 or program director consent

Semester(s) Offered: Fall

CLT 212 Clinical Microbiology (3.5)  2,3
Students will learn sterile techniques used to isolate and identify microorganisms. Antibiotic susceptibility testing and clinical correlation of lab results will be covered. Supplemental units on parasitology, mycology, and virology will be introduced. (1.2) Proficiency Credit Available Pass/No Credit Not Available

www.elgin.edu/clt (http://www.elgin.edu/clt/)

SPECIAL NOTE: Explore the clinical laboratory technology program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Clinical Laboratory Technology (CLT) program. For more information please refer to elgin.edu/clt (http://elgin.edu/clt/).

In-District Tuition/Fees: $546 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Grade of C or better in CHM 142 and CLT 100 or CLT 106 or program director consent

Semester(s) Offered: Fall

CLT 214 Clinical Immunohematology (3)  2,2
Students will learn basic lab techniques used in blood typing, compatibility testing, and antibody identification. Other functions of the blood bank including donor blood collection, screening, and component processing will be covered. (1.2) Proficiency Credit Available Pass/No Credit Not Available

www.elgin.edu/clt (http://www.elgin.edu/clt/)

SPECIAL NOTE: Explore the clinical laboratory technology program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Clinical Laboratory Technology (CLT) program. For more information please refer to elgin.edu/clt (http://elgin.edu/clt/).

In-District Tuition/Fees: $546 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Grade of C or better in CHM 142 and CLT 100 or CLT 106 or program director consent

Semester(s) Offered: Fall

CLT 220 Clinical Lab Technology Practicum II (5)  0,15
Practicum II will provide the student with supervised experience in a clinical laboratory. Student rotations will be scheduled in hematology and chemistry departments. (1.2) Proficiency Credit Available Pass/No Credit Not Available

www.elgin.edu/clt (http://www.elgin.edu/clt/)

SPECIAL NOTE: Explore the clinical laboratory technology program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Clinical Laboratory Technology (CLT) program. For more information please refer to elgin.edu/clt (http://elgin.edu/clt/).

In-District Tuition/Fees: $810 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Communication Design

ECC's Communication Design Department encompasses two dynamic visual disciplines: graphic design (incorporating web design) and videography. At ECC you'll experience hands-on-learning in small classes from exceptional, industry-seasoned faculty in up-to-date facilities.

Exciting practical experiences are offered through the Spartan Design Club or through capstone projects designed to synthesize skills developed during the program. Professional portfolio presentations showcase student work to the community and prospective employers. If you are just beginning, then jump start your career and enhance your earnings potential by completing an Associate of Applied Science degree in either graphic design or videography.

If you need to augment an existing degree or work experience, or to master strategic design skills and gain a significant competitive edge in today's global marketplace, certificates are offered for the Adobe Creative Suite, internet design or videography. Students may even pursue an Associate in Arts degree that includes electives in communication design to transfer to a four-year college or university. Whatever your educational goals, ECC's communication design department offers you access to the unique professional resources necessary to achieve those goals.

Entrance Requirements
None

Program Requirements
Students should possess a sense of design, color, and composition. Students are expected to purchase some personal graphic design tools and external drives to backup their files.

Graphic Design

- Cite major graphic designers and identify their contributions to the history of design.
- Identify audience, purpose and intent of messages.
- Read and evaluate text, media formats and images
- Demonstrate knowledge of electronic publishing.
- Prepare files for print production: Type; File Compression; Packaging; Color management
- Prepare files for multimedia distribution, demonstrating competency with: File Compression; Transparency; Standards of sizing and aspect ratios.
- Manage file documents: LastnameFirstname_project.extension (department standard)
- Demonstrate knowledge of components of business management, as they relate to graphic design.
- Prepare students to think and work creatively to address the needs of their clients.
- Demonstrate proficiency in design composition by using type, color, images and visual hierarchy.
- Communicate visually through the design process.
- Generate and develop HTML & CSS into well designed webpages.
- Construct, organize and maintain websites.
- Construct simple kinetic images.
- Create simple videos for online distribution, following current industry standards (e.g. HTML 5).
- Analyze and evaluate their own design body of work: Articulate personal stylistic interests; Process and respond to constructive feedback.

Videography & Motion Graphics

- Cite major cinematographers and identify their contributions to the history of cinema.
- Create and manage digital video, demonstrating competency with: Digital Video Systems; Camera Lens; Lighting, Exposure & Color Balance; Audio Basics.
- Compile and edit digital cinematic assets into short form videos, exhibiting a variety of structural approaches such as narrative, thematic or poetic.
- Demonstrate knowledge in developing narratives: Research; Information gathering; Interview skills; Writing styles for visual storytelling.
- Synthesize music, dialogue and sound effects with kinetic imagery.

CLT 222 Clinical Lab Technology Pract III (5) 0,15
Practicum III will provide the student with additional supervised experience in a clinical laboratory. Student rotations will be scheduled in immunology, microbiology, and blood bank departments. (1.2) Proficiency Credit Available Pass/No Credit Not Available

www.elgin.edu/clt (http://www.elgin.edu/clt/)

SPECIAL NOTE: Explore the clinical laboratory technology program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Clinical Laboratory Technology (CLT) program. For more information please refer to elgin.edu/clt (http://elgin.edu/clt/).

In-District Tuition/Fees: $810 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Grade of C or better in CLT 114, CLT 212, and CLT 214 or program director consent
Semester(s) Offered: Fall, Spring and Summer

CLT 230 Clinical Lab Technology Conference (1) 1,0
This capstone course will cover management and education topics related to clinical laboratory science. Students will prepare resumes, design and operate a mock laboratory, and review for certification exams.

(1.2) Proficiency Credit Available Pass/No Credit Not Available

www.elgin.edu/clt (http://www.elgin.edu/clt/)

SPECIAL NOTE: Explore the clinical laboratory technology program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Clinical Laboratory Technology (CLT) program. For more information please refer to elgin.edu/clt (http://elgin.edu/clt/).

In-District Tuition/Fees: $282 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Grade of C or better in CLT 120 and CLT 220 or program director consent
Semester(s) Offered: Spring
- Generate visually engaging motion graphics that employ essential design principles.
- Demonstrate competency with codecs and online distribution of video.
- Analyze and evaluate their own cinematic body of work: Articulate personal stylistic interests; Process and respond to constructive feedback.

### Graphic Design - Associate of Applied Science in Communication Design

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>First Semester</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CDN 101</td>
<td>Introduction to 2D-Design</td>
<td>3</td>
</tr>
<tr>
<td>CDN 103</td>
<td>Conceptual Visualization</td>
<td>3</td>
</tr>
<tr>
<td>CDN 105</td>
<td>Color Theory</td>
<td>3</td>
</tr>
<tr>
<td>CDN 107</td>
<td>Introduction to Digital Design</td>
<td>3</td>
</tr>
<tr>
<td>Required Math/Science Course (p. 192)</td>
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<tr>
<td><strong>Total</strong></td>
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<tr>
<td><strong>Second Semester</strong></td>
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<tr>
<td>CDN 115</td>
<td>History of Graphic Design</td>
<td>3</td>
</tr>
<tr>
<td>CDN 108</td>
<td>Designing with InDesign</td>
<td>3</td>
</tr>
<tr>
<td>CDN 109</td>
<td>Design/Adobe Illustrator</td>
<td>3</td>
</tr>
<tr>
<td>CDN 110</td>
<td>Image Design/Photoshop</td>
<td>3</td>
</tr>
<tr>
<td>CDN 219</td>
<td>Basic Web Design</td>
<td>3</td>
</tr>
<tr>
<td>Required Communications Course (p. 192)</td>
<td></td>
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<td><strong>Total</strong></td>
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<tr>
<td><strong>Third Semester</strong></td>
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<tr>
<td>CDN 200</td>
<td>Typography</td>
<td>3</td>
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<tr>
<td>CDN 201</td>
<td>Layout Design</td>
<td>3</td>
</tr>
<tr>
<td>CDN 221</td>
<td>Advanced Web Design</td>
<td>3</td>
</tr>
<tr>
<td>CDN 230</td>
<td>Introduction to Videography</td>
<td>3</td>
</tr>
<tr>
<td>Required Social/Behavioral Sciences Course (p. 192)</td>
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<tr>
<td><strong>Fourth Semester</strong></td>
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<tr>
<td>CDN 240</td>
<td>Portfolio Review</td>
<td>2</td>
</tr>
<tr>
<td>CDN 234</td>
<td>Video Editing &amp; Studio Production</td>
<td>3</td>
</tr>
<tr>
<td>CDN 236</td>
<td>Motion Graphics and Special Effects</td>
<td>3</td>
</tr>
<tr>
<td>CDN 239</td>
<td>Video Production Capstone</td>
<td>2</td>
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<tr>
<td>Required Communications Course (p. 192)</td>
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<td><strong>Program Total</strong></td>
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</table>

### Videography & Motion Graphics - Associate of Applied Science in Communication Design

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td><strong>First Semester</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CDN 107</td>
<td>Introduction to Digital Design</td>
<td>3</td>
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<td><strong>Total</strong></td>
<td></td>
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<tr>
<td><strong>Second Semester</strong></td>
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<tr>
<td>ART 122</td>
<td>Digital Photography</td>
<td>3</td>
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<tr>
<td>ART 130</td>
<td>Art of Film</td>
<td>3</td>
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<tr>
<td>CDN 110</td>
<td>Image Design/Photoshop</td>
<td>3</td>
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### Adobe Creative Suite - Basic Vocational Specialist

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<tbody>
<tr>
<td><strong>First Semester</strong></td>
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</tr>
<tr>
<td>CDN 107</td>
<td>Introduction to Digital Design</td>
<td>3</td>
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<td><strong>Total</strong></td>
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<tr>
<td><strong>Second Semester</strong></td>
<td></td>
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<tr>
<td>CDN 108</td>
<td>Designing with InDesign</td>
<td>3</td>
</tr>
<tr>
<td>CDN 109</td>
<td>Design/Adobe Illustrator</td>
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</tr>
<tr>
<td>CDN 110</td>
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### Web Design - Basic Vocational Specialist

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<tr>
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<tr>
<td>CDN 107</td>
<td>Introduction to Digital Design</td>
<td>3</td>
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<td><strong>Total</strong></td>
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<td><strong>3</strong></td>
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<tr>
<td><strong>Second Semester</strong></td>
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<tr>
<td>CDN 219</td>
<td>Basic Web Design</td>
<td>3</td>
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<td><strong>Third Semester</strong></td>
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<tr>
<td>CDN 221</td>
<td>Advanced Web Design</td>
<td>3</td>
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<tr>
<td>CDN 230</td>
<td>Introduction to Videography</td>
<td>3</td>
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### Videography - Basic Vocational Specialist

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<th>Credit Hours</th>
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<tr>
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<tr>
<td>CDN 230</td>
<td>Introduction to Videography</td>
<td>3</td>
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<tr>
<td><strong>Total</strong></td>
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<tr>
<td><strong>Second Semester</strong></td>
<td></td>
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<tr>
<td>CDN 232</td>
<td>Sound Design</td>
<td>3</td>
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<tr>
<td>CDN 233</td>
<td>Video Editing &amp; Field Production</td>
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Third Semester

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<th>Course Title</th>
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<tr>
<td>CDN 234</td>
<td>Video Editing &amp; Studio Production</td>
<td>3</td>
</tr>
<tr>
<td>CDN 236</td>
<td>Motion Graphics and Special Effects</td>
<td>3</td>
</tr>
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<td></td>
<td><strong>Total</strong></td>
<td><strong>6</strong></td>
</tr>
</tbody>
</table>

Program Total 15

All CDN courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.

**CDN 101 Introduction to 2D-Design (3)**
1,4

This studio course applies two-dimensional design to give form to ideas and order to information. Using design elements and principles, students will address issues of visual form, function, problem solving and personal viewpoint. Course projects include traditional hands-on media as well as computer generated solutions. (1.1) Proficiency Credit Available (2 FS) Pass/No Credit Not Available.

In-District Tuition/Fees: $426 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: None

Semester(s) Offered: Fall and Spring

**CDN 103 Conceptual Visualization (3)**
1,4

This course encourages students think visually, to anticipate visual conflicts, and correct issues in the earliest stages of production. By sketching out what a finished project might look like, students will learn to originate ideas and develop efficient workflows. This approach helps students create logical and creative solutions to design problems and enhances their visual storytelling skills. (1.2) Proficiency Credit Available Pass/No Credit Not Available.

In-District Tuition/Fees: $426 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: None Recommended: CDN 107 or experience in image editing software such as Adobe Photoshop

Semester(s) Offered: Fall and Spring

**CDN 107 Introduction to Digital Design (3)**
1,4

This course focuses on fundamental concepts and visual communication skills necessary for graphic design. It requires the creation of single and multiple page documents, both in B&W and color, covering document construction, integration of word processing programs, working with images and typography, custom colors and standard output. Introduction to the production of printed materials using illustrations and image manipulation software via computers. Topics include principles of file management, scanning and creating documents in Adobe Photoshop, Illustrator and InDesign. (1.1) Proficiency Credit Available Pass/No Credit Not Available.

In-District Tuition/Fees: $436 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: None

Semester(s) Offered: Fall and Spring

**CDN 108 Designing with InDesign (3)**
1,4

This is a foundation course for InDesign. Through demonstrations, exercises, and class projects, it will cover techniques in electronic page layout using Adobe InDesign to create documents, format text, and import graphics. Students will use Adobe Illustrator and Photoshop applications to complete projects. Topics include master pages, auto page numbering, style sheets, object styles, tables, libraries, image preparation for placement, live captions, links panel, layers, color management, and output to print as it relates to single and multiple-page documents. (1.2) Proficiency Credit Available Pass/No Credit Not Available.

In-District Tuition/Fees: $436 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Effective Summer 2020 Grade of C or better in CDN 107, or consent of instructor. Prerequisite: Grade of C or better CDN 101, CDN 103, and CDN 107, or consent of instructor.

Semester(s) Offered: Fall and Spring

**CDN 109 Design/Adobe Illustrator (3)**
1,4

In this course students will be introduced to advanced aspects of Adobe Illustrator to create (vector-based) computer illustrations at current industry standards. The class will begin with a review of the fundamentals and progress to the more challenging techniques and applications of the program. Assignments will address current trends in commercial and digital illustration and encourage growth and development of design, creativity and technical skills. Course is repeatable two times.(1.2) Proficiency Credit Available (2 FSE) Pass/No Credit Not Available.

In-District Tuition/Fees: $436 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Grade of C or better CDN 101, CDN 103, and CDN 107, or consent of instructor.

Semester(s) Offered: Fall and Spring
CDN 110 Image Design/Photoshop (3)  1,4
Adobe Photoshop will be taught through lectures, demonstrations, experimentation and project-based assignments. This course will familiarize you with the interface and various tools to apply your knowledge to any professional or personal project. Image editing, color modes, color correction, layers, masks, Alpha channels, layer effects and basic attributes will be covered. Assignments are tailored to build a portfolio and develop professional skills. Prepress techniques will be introduced. A strong emphasis on composition, color technical proficiency and aesthetic judgment is stress in this course. Course is repeatable two times. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $436 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in CDN 107, CDN 108, CDN 109, CDN 110 or consent of instructor.
Semester(s) Offered: Fall and Spring

CDN 115 History of Graphic Design (3)  3,0
This course surveys the history of graphic design from pictographs painted on cave walls to digitally created electronic designs. It will discuss visual communication as it relates to culture and society. It will examine the influences of technology on culture and how it affects the aesthetics of graphic design. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $406 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Spring

CDN 200 Typography (3)  1,4
This course is an introduction to the terms and characteristics of typography. Students will research classical and contemporary typographic forms; construct typographic compositions and systems; and use typography as an expressive medium to convey aesthetic, emotional, and intellectual meaning. The course utilizes Adobe InDesign and Illustrator application to complete the projects. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $436 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in CDN 107, CDN 108, CDN 109, CDN 110 or consent of instructor.
Semester(s) Offered: Fall and Spring

CDN 201 Layout Design (3)  1,4
This course presents concepts in layout and publication design. Key topics include communication with image and type, creating order and interest; organizing content with grids and the examination of both current and historic examples of layout design. Theory combines with practice using page layout software such as Adobe InDesign to execute assignments. Technical areas covered will include document creation, importing text and images, file formats, layout guides and the preparation of files for printing. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $436 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Effective Summer 2020 Grade of C or better in CDN 108, CDN 109, CDN 110 or consent of instructor. Prerequisite: Grade of C or better in CDN 107, CDN 108, CDN 109, CDN 110 or consent of instructor.+
Semester(s) Offered: Fall

CDN 217 Freelance Principles and Practices (3)  1,4
This course explores freelance design principles and real life application with clients. Students will learn how to establish a freelance design business, identify and cultivate prospective customers, develop design briefs, and negotiate and execute design contracts that encompass workflow from conceptualization to final design delivery. This course builds upon foundational concepts and skills to prepare the student for success as a freelance designer. (1.2) Proficiency Credit Available (2 FSE) Pass/No Credit Not Available.
In-District Tuition/Fees: $436 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: (1) Grade of C or better in CDN 200 and CDN 201 or (2) consent of instructor.
Semester(s) Offered: Spring

CDN 219 Basic Web Design (3)  1,4
Basic Web Design will introduce concepts and techniques related to designing, creating and deploying content for the internet. Students will learn how to use HTML to structure content and how to use CSS to style that content. The course will introduce information architecture, wire-framing and semantic markup. Course work will include securing an ISP, creating and using a blog, organizing directories on a server, and creating web pages with functional navigation and hyperlinks. The student will also be introduced to web design topics such as accessibility, user experience and responsive design. In lieu of a text book; student will be required to secure site hosting with an ISP. (1.2) Proficiency Credit Available (2 FSE) Pass/No Credit Not Available.
In-District Tuition/Fees: $436 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring
CDN 221 Advanced Web Design (3)  
This course examines advanced design considerations that facilitate effective communication over the World Wide Web. Topics include user experience, information architecture, HTML document construction and CSS styling, accessibility, responsive design, SEO and template-based design. Students will use software such as Adobe Dreamweaver. (1.1) Proficiency Credit Available (2 FES) Pass/No Credit Not Available.

In-District Tuition/Fees: $436 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in CDN 219 or consent of instructor.

Semester(s) Offered: Fall and Spring

CDN 223 Digital Publishing (3)  
This course covers pre-press operations and interactive document creation. Publications created include press ready documents, interactive PDF’s, ePublications, and ebooks. Learn how to design, build, and organize digital publications using media-rich content for multiple formats. The use of typography, color and visual hierarchy will be emphasized to create well-designed, user-friendly digital formats. (1.2) Proficiency Credit Available Pass/No Credit Not Available.

In-District Tuition/Fees: $436 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: (1) Grade of C or better in CDN 200 and CDN 201 or (2) consent of instructor.

Semester(s) Offered: Spring

CDN 230 Introduction to Videography (3)  
An introduction to videography and motion graphics, students will use graphic abstractions, digital and/or traditional photography and digital video to develop concepts of kinetic imagery. Aesthetic and practical considerations employed in effective multimedia design are presented. Possible projects include creating documentaries, reports on current events or the integration of background music to accompany slideshows of poems or artwork. (1.1) Proficiency Credit Available Pass/No Credit Not Available.

In-District Tuition/Fees: $451 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: None

Semester(s) Offered: Fall and Spring

CDN 232 Sound Design (3)  
This course introduces sound design principles as applied to moving pictures and interactive systems. Beginning with an introduction to acoustics, creative use of sound is explored through field recordings and the use of digital audio workstations. Students use original sound recordings as well as those sampled from sound libraries in order to create sound pieces to be used with or without images. (1.2) Proficiency Credit Available Pass/No Credit Not Available.

In-District Tuition/Fees: $451 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in CDN 230 or concurrent enrollment in CDN 230 or consent of instructor.

Semester(s) Offered: Fall

CDN 233 Video Editing & Field Production (3)  
This course integrates single camera digital video production with editing in order for students to produce short form videos. Issues relating to the use of digital video cameras, recording live audio and lighting techniques will be examined and applied under field conditions. Student composition of basic production scripts will guide their workflow. Editing will be performed with a non-linear editor. Synchronized multicamera event videography will be introduced. Encoding of various media formats will also be addressed. (1.2) Proficiency Credit Available Pass/No Credit Not Available.

In-District Tuition/Fees: $451 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in CDN 230 or consent of instructor.

Semester(s) Offered: Fall

CDN 234 Video Editing & Studio Production (3)  
This course combines studio production of digital video and non-linear editing to create short form videos. Students will learn to use advanced digital video cameras; set up studio lighting; synchronize multiple cameras and to record and mix audio with video. Chromakey compositing (green screen) will be explored. Emphasis will be placed on teamwork and project management methodologies. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $451 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in CDN 230 or consent of instructor.

Semester(s) Offered: Spring

CDN 235 Special Topics in Graphic Design (1-3)  
(.5-.1, 1-4) Practical application and individual development in the field of graphic design. Directed specialized study under instructor supervision. Students will develop a plan of study with the instructor or the instructor will propose a specialized area of study. This course is used to increase skills and knowledge in the graphic design field. Course is repeatable to 12 credits. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $426 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Consent of instructor

Semester(s) Offered: Varies

CDN 236 Motion Graphics and Special Effects (3)  
Film and video use special motion graphics and special effects to transform the appearance of objects over time. Students will generate examples of the typography and graphics effects similar to those used in the opening sequences of a film or television show. Other outcomes include motion logos, banners and lower third descriptors. Topics include keying, generators, layered objects, particles and text effects. Course is repeatable to nine credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.

In-District Tuition/Fees: $436 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in CDN 230 or concurrent enrollment in CDN 230 or consent of instructor.

Semester(s) Offered: Spring
Computer Aided Design

Computer aided design (CAD) is an advanced product development tool used in all manufacturing which allows engineers, designers, and technicians to develop new products faster with increased precision by automating many complex, tedious, and repetitive design tasks. Traditional technical drawing theory and practices are utilized alongside the most up-to-date CAD applications, rapid prototyping machines, modeling simulators, and other high-tech commodities.

Entrance Requirements

None

Program Requirements

None

• Demonstrate a professional level of mastery (passing class w/ 70%+) of the technical drawing and/or modeling theory in each of the theory courses contained in the educational plan for the desired degree/certificate.

• Demonstrate a professional level of mastery (passing class w/ 70% +) of the pertaining software application use in each of the classes contained in the educational plan for the desired degree/certificate.

• Demonstrate a professional level (passing class w/ 70%+) of familiarity of manufacturing processes and materials. (AAS only)

Computer Aided Design - Associate of Applied Science

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
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<tbody>
<tr>
<td>CAD 101</td>
<td>Introduction to Engineering Design</td>
<td>4</td>
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<tr>
<td>or EGR 101</td>
<td>or Engineering Design Graphics/Cad</td>
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<tr>
<td>IMT 103</td>
<td>Industrial Manufacturing Tech I</td>
<td>3</td>
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<tr>
<td>IMT 104</td>
<td>Industrial Manufacturing Tech II</td>
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<tr>
<td>ENG 101</td>
<td>English Composition I</td>
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<tr>
<td>or BUS 101</td>
<td>or Business Communications</td>
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Second Semester

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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>CAD 121</td>
<td>Advanced Concepts in SolidWorks</td>
<td>3</td>
</tr>
<tr>
<td>CAD 206</td>
<td>Industrial Design Problems</td>
<td>4</td>
</tr>
<tr>
<td>ENG 102</td>
<td>English Composition II</td>
<td>3</td>
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<tr>
<td>or BUS 142</td>
<td>or Report Writing</td>
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<tr>
<td>Required Math/Science Course (p. 192)</td>
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<tr>
<td>IMT 112</td>
<td>Metrology-The Study of Measurement</td>
<td>3</td>
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Third Semester

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<tbody>
<tr>
<td>CAD 111</td>
<td>Pro/E Adv Part &amp; Assembly Design</td>
<td>3</td>
</tr>
<tr>
<td>CAD 208</td>
<td>Applied Descriptive Geometry &amp; Statics</td>
<td>4</td>
</tr>
<tr>
<td>CAD 205</td>
<td>Geometric Dimensioning &amp; Tolerancing</td>
<td>3</td>
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<td>IMT 110</td>
<td>Intro to Computer Integrated Mfg</td>
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<tr>
<td>WEL 101</td>
<td>Welding I</td>
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<td>or WEL 120</td>
<td>or Blueprint Reading for Welders</td>
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Computer Aided Design - Basic Vocational Specialist

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>EGR 101</td>
<td>Engineering Design Graphics/Cad</td>
<td>4</td>
</tr>
<tr>
<td>or CAD 101</td>
<td>or Introduction to Engineering Design</td>
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<tr>
<td>CAD 105</td>
<td>Pro/ENGINEER Basic Design Training</td>
<td>3</td>
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<tr>
<td>CAD 108</td>
<td>Intro to Micro-CAD AutoCAD</td>
<td>3</td>
</tr>
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<td>CAD 206</td>
<td>Industrial Design Problems</td>
<td>4</td>
</tr>
<tr>
<td>CAD 120</td>
<td>Introduction to SolidWorks</td>
<td>3</td>
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Practicing Professional-ProE - Basic Vocational Specialist

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<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>CAD 105</td>
<td>Pro/ENGINEER Basic Design Training</td>
<td>3</td>
</tr>
<tr>
<td>CAD 111</td>
<td>Pro/E Adv Part &amp; Assembly Design</td>
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Second Semester

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<th>Credit Hours</th>
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<tbody>
<tr>
<td>CAD 211</td>
<td>Pro/E Pro/SURFACE</td>
<td>3</td>
</tr>
<tr>
<td>CAD 215</td>
<td>Pro/E Super User Training</td>
<td>3</td>
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<tr>
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</tbody>
</table>
CAD and in the GPA with the exception of All repeatable CAD courses can be counted only once toward graduation Science degrees. All CAD courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Architecture - Basic Vocational Specialist

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAD 108</td>
<td>Intro to Micro-CAD AutoCAD</td>
<td>3</td>
</tr>
<tr>
<td>CAD 118</td>
<td>Computer Graphics Advanced AutoCAD</td>
<td>3</td>
</tr>
<tr>
<td>Total</td>
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</tbody>
</table>

1 May be taken the same semester. First eight weeks: CAD 108 Intro to Micro-CAD AutoCAD; second eight weeks: CAD 118 Computer Graphics Advanced AutoCAD.

Revit - Basic Vocational Specialist

<table>
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<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>CAD 130</td>
<td>Introduction to Revit</td>
<td>3</td>
</tr>
<tr>
<td>CAD 131</td>
<td>Advanced Concepts in Revit</td>
<td>3</td>
</tr>
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<td>Total</td>
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Solidworks - Basic Vocational Specialist

<table>
<thead>
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<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tr>
<td>CAD 120</td>
<td>Introduction to SolidWorks</td>
<td>3</td>
</tr>
<tr>
<td>CAD 121</td>
<td>Advanced Concepts in SolidWorks</td>
<td>3</td>
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<tr>
<td>CAD 208</td>
<td>Applied Descriptive Geometry &amp; Statics</td>
<td>4</td>
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<tr>
<td>Total</td>
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All CAD courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.

All repeatable CAD courses can be counted only once toward graduation and in the GPA with the exception of CAD 220 Independent Research in CAD, which may be counted for a total of four hours.

CAD 101 Introduction to Engineering Design (4) 2,4
This course is an introduction to engineering and design. Topics included are: sketching, orthographic projection, descriptive geometry, dimensioning, section views, auxiliary views, primary and secondary views, threads, fasteners, and production drawings. All problems will be solved using CAD software. Repeatable to 12 credit hours (1.2) Proficiency Credit Available (2 LETSIR) Pass/No Credit Available.

In-District Tuition/Fees: $608 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: None
Semester(s) Offered: Fall and Spring

CAD 105 Pro/ENGINEER Basic Design Training (3) 2,2
This course covers the basic functions needed to use Pro/ENGINEER to create parts, drawings, and assemblies. Emphasis is on the Pro/ENGINEER design philosophy used in creating parts and assemblies. Hands-on time with Pro/ENGINEER is maximized in this course. Labs are taught on the latest technology Windows 2000 work stations. Both part and assembly design, along with drafting, are presented. Students must be prepared to put in at least two-four hours of extra lab time each week.

(1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $476 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: None
Semester(s) Offered: Fall and Spring

CAD 108 Intro to Micro-CAD AutoCAD (3) 2,2
This course will provide the opportunity for students to familiarize themselves with the most popular micro-base computer aided drafting software available today-AutoCAD. The class consists of lectures and labs. The student will become familiar with window hardware configuration and basic system commands. Course is repeatable to six credits. (1.2) Proficiency Credit Available (2 LETSIR) Pass/No Credit Available.

In-District Tuition/Fees: $476 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: None
Semester(s) Offered: Knowledge of drafting and microcomputers

Semester(s) Offered: Fall and Spring

CAD 109 Foundations of Architectural Design (3) 2,2
This course covers the introductory concepts of residential and light commercial architectural design. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $476 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Grade of C or better in CAD 108 or consent of instructor
Semester(s) Offered: Varies
CAD 111 Pro/E Adv Part & Assembly Design (3)  2,2
This course, covering advanced topics and techniques used during part and assembly design, is structured for the experienced Pro/ENGINEER user to become more productive. Functionality in the Pro/FEATURE module is also covered. Labs are taught on the latest technology Windows 2000 work stations. Students must be prepared to put in at least two-four hours of extra lab time each week. Repeatable to six credits. (1.2) Proficiency Credit Available (2 LETSIR) Pass/No Credit Not Available.
In-District Tuition/Fees: $476 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: CAD 105 or consent of instructor
Semester(s) Offered: Fall and Spring

CAD 119 Advanced Architectural Design (3)  2,2
This course will provide comprehensive instruction for preparing architectural working drawings using traditional and computer-based methods. Design and construction principles and methods will be fully presented. The class will be focused around the design-building process, so as to make the topics easy to understand and appealing to students. Advanced topics and concepts are covered in this advanced class including green design, alternative energy uses/sources, alternative materials & techniques, client presentation methods, and employment search tactics. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $476 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in CAD 108 and CAD 109
Semester(s) Offered: Varies

CAD 115 Pro/E Production Drawing & Detailing (3)  2,2
This course covers detailing and drafting capabilities utilized within Pro/ENGINEER to produce complete detailed drawings. Detailing and drafting functionality of Pro/ENGINEER and Pro/DETAIL is explained. Students use Pro/ENGINEER’s markup capabilities to check a drawing and Pro/REPORT to help document drawings. Labs are taught on the latest technology Windows 2000 work stations. Students must be prepared to put in at least two-four hours of extra lab time each week. Course is repeatable to nine credits. (1.2) Proficiency Credit Available (2 LETSIR) Pass/No Credit Not Available.
In-District Tuition/Fees: $476 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: CAD 105 or consent of instructor
Semester(s) Offered: Varies

CAD 110 Introduction to SolidWorks (3)  2,2
This course provides comprehensive instruction for users, or prospective users of the SolidWorks parametric modeling application program. The class will provide the opportunity for students to familiarize themselves with the software and complete multiple modeling projects. The class consists of lectures and labs. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $476 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall and Spring

CAD 119 Advanced Architectural Design (3)  2,2
This course will provide comprehensive instruction for preparing architectural working drawings using traditional and computer-based methods. Design and construction principles and methods will be fully presented. The class will be focused around the design-building process, so as to make the topics easy to understand and appealing to students. Advanced topics and concepts are covered in this advanced class including green design, alternative energy uses/sources, alternative materials & techniques, client presentation methods, and employment search tactics. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $476 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in CAD 108 and CAD 109
Semester(s) Offered: Varies

CAD 118 Computer Graphics Advanced AutoCAD (3)  2,2
This course is designed for the advanced AutoCAD user. It will allow the student to dig deeper into the software and prepare them to work in a production environment. The course is divided into two halves. The first half of the course covers advanced 2D concepts such as external references, geometric calculator, layer filters, ctb files, custom viewports, publishing, DWF files, etc. The second half of the course will introduce the student to the world of 3-D using the solid modeling features of AutoCAD. Not only will the student want to master the use of the multitude of modeling commands, they will also learn how to create photo realistic representations of their work. Repeatable to nine credits; only three credits may apply toward a degree or certificate. (1.2) Proficiency Credit Available (2 LETSIR) Pass/No Credit Not Available.
In-District Tuition/Fees: $476 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: CAD 108 or consent of instructor
Semester(s) Offered: Fall and Spring

CAD 120 Introduction to SolidWorks (3)  2,2
This course provides comprehensive instruction for users, or prospective users of the SolidWorks parametric modeling application program. The class will provide the opportunity for students to familiarize themselves with the software and complete multiple modeling projects. The class consists of lectures and labs. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $476 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall and Spring

CAD 121 Advanced Concepts in SolidWorks (3)  2,2
Exploration of advanced solid modeling techniques for product design and manufacturing using SolidWorks Parametric modeling software. Students will learn how to take computer sketches and transform them into 3 Dimensional Features. Parametric modeling techniques will be further explored to teach students how to create computer models of plastic molded parts, castings, and sheet metal. Students will also learn Photorealistic rendering and animation of 3 dimensional models to visually communicate design ideas. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $476 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in CAD 120
Semester(s) Offered: Fall and Spring

CAD 130 Introduction to Revit (3)  2,2
This course provides comprehensive instruction for users, or prospective users, of the Revit 3-dimensional architectural modeling application program. The class will provide the opportunity for students to familiarize themselves with the software and complete multiple architectural modeling projects. The class consists of lectures and labs. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $476 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Varies
CAD 131 Advanced Concepts in Revit (3)  2,2
Advanced Concepts in Revit explores solid modeling techniques for design and modeling using Revit 3-dimensional modeling software. Students will learn how to take customer specifications and transform them into 3 dimensional architectural models. Advanced Revit features and modeling techniques will be further explored to teach students how to create computer models of specific architectural details as well as finished products for release. Students will learn photo-realistic rendering and animation of the Revit generated architectural models so as to visually communicate design ideas to clients and employees. (1.2) Proficiency Credit Available (2 LETSIR) Pass/No Credit Not Available.

In-District Tuition/Fees: $476 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in CAD 130

Semester(s) Offered: Varies

CAD 205 Geometric Dimensioning & Tolerancing (3)  2,2
Geometric Dimensioning and Tolerancing (GD&T) is an international language that is used in engineering drawings to accurately describe a part to be manufactured. The GD&T language consists of a well-defined set of symbols, rules, definitions, and conventions. GD&T is a precise mathematical language that can be used to describe the size, form, orientation, and location of parts features. GD&T is also a design philosophy on how to design and dimension parts. In this class the student will be learning the basics of GD&T and how they apply to the world of manufacturing today. (1.2) Proficiency Credit Available (2 LETSIR) Pass/No Credit Not Available.

In-District Tuition/Fees: $476 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: CAD 101 or EGR 101 or consent of instructor

Semester(s) Offered: Varies

CAD 206 Industrial Design Problems (4)  2,4
Study of actual and theoretical industrial drafting problems. Emphasis on use of specifications, standards and newest materials using current industrial drafting practice. Complete engineering with assembly, detail drawings and bill of materials is accomplished by the student. Combines lecture and laboratory. Repeatable to 12 credit hours. (1.2) Proficiency Credit Available (2 LETSIR) Pass/No Credit Not Available.

In-District Tuition/Fees: $608 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in EGR 101 or CAD 101 or consent of instructor

Semester(s) Offered: Spring

CAD 208 Applied Descriptive Geometry & Statics (4)  4,0
Applied descriptive geometry and statics course context allows the student to apply the skills learned in descriptive geometry for the solution of technical engineering problems. CAD 208 also consists of statics, dynamics, kinematics, kinetics, mechanisms, and hydraulics problems. Through the study of these disciplines, the student is taught how to design and lay out the products of industry and the structures of civil engineering. (1.2) Proficiency Credit Available (2 LETSIR) Pass/No Credit Not Available.

In-District Tuition/Fees: $608 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in EGR 101 or CAD 101 or consent of instructor

Semester(s) Offered: Spring and Summer

CAD 211 Pro/E Pro/SURFACE (3)  2,2
This course covers advanced feature creation utilizing the Pro/SURFACE module. Surface feature and supporting geometry creation, manipulation, and technique are discussed. Functions for inspecting surface quality and verifying consistency between neighboring surfaces are also covered. Students generate various types of parametric surfaces and features used to create solid models. A variety of models are created to familiarize students with the course topics. Extensive work is done with double-curved surfaces and rounds. Labs are taught on the latest technology Windows 2000 work stations. Students must be prepared to put in at least two-four hours of extra lab time each week. Course is repeatable to six credits. (1.2) Proficiency Credit Available (2 LETSIR) Pass/No Credit Not Available.

In-District Tuition/Fees: $476 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: CAD 206 or CAD 207 or CAD 208 and CAD 111 or consent of instructor

Semester(s) Offered: Varies
Computer Information Systems

Computer systems are smaller, faster, more powerful, less power consuming, and more portable than ever imagined; and are an essential part of every industry today. Their proliferation has produced a need for cybersecurity professionals, networking specialists, computer technicians and help desk specialists who can do it all ... from connecting components and showing the user how to utilize the system most efficiently, to updating, upgrading, repairing, and protecting systems when required. Our Computer Information Systems (CIS) program is designed with guidance from industry professionals and is constantly being updated to keep up with the daily advances in technology.

The CIS program allows students the flexibility to select classes that best suit their skills, strengths, educational and career goals, as well as meet the industry needs of today. The curriculum covers fundamentals of computer systems and cybersecurity, operating systems, hardware, structured and visual programming languages, system troubleshooting and helpdesk fundamentals, network technologies, cyber law and ethics, digital forensics, and database administration. Students will also develop proficiency in popular applications such as word processing, spreadsheet, database, and Internet publishing. CompTIA and Microsoft certifications can be achieved along the way to assure students have the necessary skill sets to meet employer expectations. With these skills and certifications, a computer professional can expect to enjoy a good salary, steady work, and opportunities to advance.

Our program also teaches students how to learn and adapt to new technologies. Students will be prepared not just for the CIS Careers of today, but also for the developments of tomorrow. According to the Bureau of Labor Statistics, employment in all computer-based occupations will increase 22 percent by 2022. Our workforce needs well-trained computer professionals to fill these roles.

Entrance Requirements

None

Program Requirements

None

- Discuss hardware components, assemble a computer, test, troubleshoot, upgrade, repair, and perform preventative maintenance on a computer system.
- Discuss features, install, configure, and troubleshoot a computer operating system on a client server network or stand-alone computer.
- Install, secure, and troubleshoot a network using wired and wireless technology, configure the operating system, share and protect files over the network, install and configure software firewalls, and be able to detect and remediate malware.
- Define the problem, develop the logic, write, and debug a computer program which includes basic input/output instructions, if conditions, calculations, loops and array processing.
- Design, and create a fully functional interactive web site.
- Use Microsoft Office products to create, format, and edit documents and slides, create spreadsheets which include formulas, functions, what if analyses, and charting techniques, and create, modify, and query a relational database.
- Perform basic digital editing of image, audio, and video files and they should have an idea of which media file formats are appropriate for various applications, such as printing a digital image vs. posting a digital image online.

Computer Information Systems - Associate of Applied Science

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 100</td>
<td>Introduction to Business</td>
<td>3</td>
</tr>
<tr>
<td>BUS 101</td>
<td>Business Communications</td>
<td>3</td>
</tr>
<tr>
<td>CMS 101</td>
<td>Fundamentals of Speech</td>
<td>3</td>
</tr>
<tr>
<td>CIS 105</td>
<td>Introduction to Computer Programming</td>
<td>4</td>
</tr>
<tr>
<td>CIS 110</td>
<td>Introduction to Computers</td>
<td>3</td>
</tr>
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<td>Total</td>
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First Semester

Second Semester

<table>
<thead>
<tr>
<th>Course</th>
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<th>Credit Hours</th>
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<tbody>
<tr>
<td>CIS 121</td>
<td>Computer Science I</td>
<td>4</td>
</tr>
<tr>
<td>CIS 222</td>
<td>Linux Operating Systems</td>
<td>3</td>
</tr>
<tr>
<td>CIS 230</td>
<td>Computer Hardware &amp; Troubleshooting</td>
<td>4</td>
</tr>
</tbody>
</table>
Vocational Specialist

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS 231</td>
<td>Intro to Windows OS</td>
<td>3</td>
</tr>
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<td>Total Credit Hours</td>
<td>14</td>
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**Third Semester**

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<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CIS 207</td>
<td>Object-Oriented Programming</td>
<td>4</td>
</tr>
<tr>
<td>CIS 210 or CIS 170</td>
<td>Intro to Database Design/Management or Introduction to Digital Forensics</td>
<td>3</td>
</tr>
<tr>
<td>CIS 252</td>
<td>Network Fundamentals</td>
<td>3</td>
</tr>
<tr>
<td>CIS 253</td>
<td>Principles of Cyber Security</td>
<td>3</td>
</tr>
<tr>
<td>CIS 256</td>
<td>Network Administration/Microsoft</td>
<td>3</td>
</tr>
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<td>Total Credit Hours</td>
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</table>

**Fourth Semester**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required Liberal Education Course (p. 192)</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Required Social/Behavioral Science Course (p. 192)</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Required Communication Course (p. 192)</td>
<td></td>
<td>3</td>
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<tr>
<td>Required Math Course (p. 192)</td>
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<td>3-4</td>
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<tr>
<td>CIS 242</td>
<td>Spreadsheet Applications</td>
<td>2</td>
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Program Total: 60-61

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### Cybersecurity-Vocational Specialist

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>First Semester</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CIS 105 or CIS 110</td>
<td>Introduction to Computer Programming</td>
<td>3-4</td>
</tr>
<tr>
<td>CIS 120</td>
<td>Cyberlaw and Ethics</td>
<td>3</td>
</tr>
<tr>
<td>CIS 170</td>
<td>Introduction to Digital Forensics</td>
<td>3</td>
</tr>
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<td></td>
<td>Total Credit Hours</td>
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</tr>
<tr>
<td><strong>Second Semester</strong></td>
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<td></td>
</tr>
<tr>
<td>CIS 222</td>
<td>Linux Operating Systems</td>
<td>3</td>
</tr>
<tr>
<td>CIS 230</td>
<td>Computer Hardware &amp; Troubleshooting</td>
<td>4</td>
</tr>
<tr>
<td>CIS 231</td>
<td>Intro to Windows OS</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Total Credit Hours</td>
<td>10</td>
</tr>
<tr>
<td><strong>Third Semester</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CIS 252</td>
<td>Network Fundamentals</td>
<td>3</td>
</tr>
<tr>
<td>CIS 253</td>
<td>Principles of Cyber Security</td>
<td>3</td>
</tr>
<tr>
<td>CIS 256</td>
<td>Network Administration/Microsoft</td>
<td>3</td>
</tr>
<tr>
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<td>Total Credit Hours</td>
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<tr>
<td><strong>Fourth Semester</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CIS 263</td>
<td>Ethical Hacking &amp; Counter Measures</td>
<td>4</td>
</tr>
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<td>Total Credit Hours</td>
<td>4</td>
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Program Total: 32-33

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### Computer Network Specialist-Basic Vocational Specialist

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS 252</td>
<td>Network Fundamentals</td>
<td>3</td>
</tr>
<tr>
<td>CIS 253</td>
<td>Principles of Cyber Security</td>
<td>3</td>
</tr>
<tr>
<td>CIS 256</td>
<td>Network Administration/Microsoft</td>
<td>3</td>
</tr>
<tr>
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<td>Total Credit Hours</td>
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### Computer User Support Specialist-Basic Vocational Specialist

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS 110</td>
<td>Introduction to Computers</td>
<td>3</td>
</tr>
<tr>
<td>CIS 222</td>
<td>Linux Operating Systems</td>
<td>3</td>
</tr>
<tr>
<td>CIS 230</td>
<td>Computer Hardware &amp; Troubleshooting</td>
<td>4</td>
</tr>
</tbody>
</table>

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CIS 105 Introduction to Computer Programming (4) 4.0

This is an introduction to the fundamentals of computer programming concepts and techniques. It is designed for students with no prior programming experience. Students design, write, and debug computer programs. Topics will include storage and variables, conditional executions, loops and repetition, functions, parameter passing, arrays, and data files. The course will involve many hands-on programming exercises. The computer language used and type of applications emphasized may vary by section. See individual section details in the class schedule for more information. Course is repeatable to eight credits. This course will be taught using Visual Basic or Python programming languages. (1.2) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $548 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Effective Summer 2020 (1) Grade of C or better in MTH 098 or MTH 099 or satisfaction of other placement criteria; or (2) consent of instructor Prerequisite: Math: Grade of C or better in MTH 098 or MTH 099, or satisfaction of other placement criteria.+

Semester(s) Offered: Fall and Spring

CIS 110 Introduction to Computers (3) 3.0

This introductory course will teach students how computers work, the terminology of computers, and common hardware components and options. Students will learn to use basic desktop applications such as spreadsheets and image editors, and learn to use the Internet and how to create and publish web pages. Students will learn simple computer maintenance and upgrade procedures, networking fundamentals, and how to keep computers secure and how to detect and eliminate malicious software. Open source software solutions will be explored, and students will learn about various career options in computer science and technology. (1.2) Proficiency Credit Available (2 TIC) Pass/No Credit Available.

In-District Tuition/Fees: $416 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: None

Semester(s) Offered: Fall, Spring and Summer

CIS 114 Digital Cameras and Computers (2) 2.0

This course will show how to use digital photos and video with your computer. Students will learn how to transfer photos and video to their computer, basic touch up and editing with available software, and various resources and methods for making photographic prints and creating DVDs, as well as methods for making and preserving backup copies of the media. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $274 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: None Recommended: CIS 110 or familiarity with Microsoft Windows

Semester(s) Offered: Fall and Spring
CIS 120 Cyberlaw and Ethics (3) 3,0
This course provides students with advanced knowledge about the current laws and regulations of cyberspace. It covers basic laws and ethical behavior associated with e-commerce security, privacy, and network security. In addition, it highlights legal issues involved in technology. Students examine best practices in ethical aspects of cybersecurity. (1.1) Proficiency Credit Available (2 S) Pass/No Credit: Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria.
Semester(s) Offered: Fall and Spring

CIS 121 Computer Science I (4) 4,0
This course is an introduction to computer programming, emphasizing a disciplined approach to problem-solving and algorithm development. Students will learn program design and structured programming techniques using selection, repetition, and sequence control structures. Topics will include storage and variables, procedural and data abstraction, parameter passing, arrays, records, data files, program testing, documentation, and proper programming style. (1.1) Proficiency Credit Available (3 TIC) Pass/No Credit Available.
In-District Tuition/Fees: $548 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in MTH 098 or MTH 099, or satisfaction of other placement criteria or in two years high school algebra or consent of instructor.
Semester(s) Offered: Fall and Spring

CIS 123 Computer Science for Engineers (4) 4,0
This course is an introduction to computer programming with a strong emphasis on mathematical applications relevant to science and engineering. Students will learn a disciplined approach to problem-solving and algorithm development using selection, repetition, and sequence control structures. Programming topics will include an introduction to basic hardware and operating systems, storage and variables, procedural and data abstraction, parameter passing, arrays, strings, data files, error-handling, program-testing, documentation, and proper programming style. Mathematical topics will include matrices, linear interpolation, convergence, linear regression, roots of functions, solution of simultaneous linear equations, graphing, and numerical integration. This course will be taught using the C++ programming language. (1.1) IAI Major: CS 911 Proficiency Credit Not Available Pass/No Credit Available NOTE: This course is offered concurrently as MTH 123. The student must decide whether to earn credits in Computer and Information Sciences (CIS) or Mathematics (MTH) prior to enrolling.
In-District Tuition/Fees: $553 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in MTH 190, or equivalent college credit or consent of instructor
Semester(s) Offered: Fall and Spring

CIS 127 Discrete Structures (3) 3,0
This course is an introduction to analysis of finite collections and the mathematical foundations of computing. It is intended for students intending to major in Computer Science. Topics include computer system design, data structures, algorithms, sets, logic, arrays and vectors, number systems, counting, recursion, graph theory, trees, and Boolean algebra. Students will explore these topics by writing computer programs to apply and test the concepts they learn. (1.1) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $411 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in MTH 112 and CIS 121 or CIS 123 or consent of instructor
Semester(s) Offered: Fall

CIS 128 Spreadsheet Software (2) 2,0
Effective 2020 Summer this course will be withdrawn. This course teaches how to design and create a relational database, as well as how to create reports, data entry screens, write simple applications, troubleshoot database problems, and perform advanced queries. See the schedule for the specific software package used. Course is repeatable to eight credits.
(1.2) Proficiency Credit Available (2 T) Pass/No Credit Available.
In-District Tuition/Fees: $274 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None Recommended: CIS 110 or CIS 144 or familiarity with Microsoft Windows
Semester(s) Offered: Fall, Spring and Summer

CIS 131 Database Software (2) 2,0
Effective 2020 Summer this course will be withdrawn. This course covers beginning through advanced spreadsheet topics, including spreadsheet design and manipulation, advanced function use, charts, use of multiple worksheets, database features, macros, integration with other applications, configuration, customization, and troubleshooting. See the schedule for specific software packages used. Course is repeatable to eight credits. (1.2) Proficiency Credit Available (2 T) Pass/No Credit Available.
In-District Tuition/Fees: $274 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None Recommended: CIS 110 or CIS 144 or familiarity with Microsoft Windows
Semester(s) Offered: Fall, Spring and Summer

CIS 143 Spreadsheet Software (2) 2,0
Effective 2020 Summer this course will be withdrawn. This course covers beginning through advanced spreadsheet topics, including spreadsheet design and manipulation, advanced function use, charts, use of multiple worksheets, database features, macros, integration with other applications, configuration, customization, and troubleshooting. See the schedule for specific software packages used. Course is repeatable to eight credits. (1.2) Proficiency Credit Available (2 T) Pass/No Credit Available.
In-District Tuition/Fees: $274 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None Recommended: CIS 110 or CIS 144 or familiarity with Microsoft Windows
Semester(s) Offered: Fall, Spring and Summer
CIS 147 Internet Publishing (1) 1.0
This course will introduce the basics of creating and publishing web pages on the Internet. Students will learn HTML (Hypertext Markup Language) and how to publish their HTML pages on an Internet server using FTP (File Transfer Protocol) and how to use a WYSIWYG web page editor. The topics will include the basic markup codes, linking to other pages, graphics, lists, tables, multimedia, and an introduction to forms and CGI. Students will create their own web page on a server. Course is repeatable to four credits. (1.2) Proficiency Credit Available (2 S) Pass/No Credit Available.
In-District Tuition/Fees: $137 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None Recommended: CIS 110. Students should have prior experience browsing the Internet's World Wide Web and using Microsoft Windows.
Semester(s) Offered: Fall and Spring

CIS 148 Web Page Markup Language (2) 2.0
This course concentrates specifically on the syntax of web page markup languages. It is intended for those who wish to have more control over their web pages, for those who wish to design web sites using the newest standards, for those who wish to create websites compatible with mobile devices, and for those who will be writing computer programs to automatically generate web pages. All page editing will be done using a simple text editor. (1.2) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $274 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: CIS 105, CIS 110 or CIS 121 or consent of instructor
Semester(s) Offered: Varies

CIS 149 User Interface Design Principles (1) 1.0
This course is an overview of basic principles of user interface design and graphic design as they apply to programmers. Emphasis will be on user interface design for programs written for Microsoft Windows and other GUI (Graphical User Interface) environments, and also how these design principles apply to interactive web sites on the Internet. Basic graphic design principles will also be applied to GUI applications and Internet page design. (1.2) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $137 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: CIS 148 or concurrent enrollment in CIS 148
Semester(s) Offered: Varies

CIS 170 Introduction to Digital Forensics (3) 2.2
This course provides students with an overview of digital forensics techniques and investigation process. It focuses on the use of the most popular forensics tools and provides specific guidance on the investigation process of matters relating to the law and technology. Topics include the representation of data, preserving data, recovering data from multiple sources, and legal issues unique to digital forensics investigations process. The course also assists students in establishing the basis for preparing for a certification in digital forensics. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $436 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall and Spring

CIS 171 Introduction to Cyber Crimes (2) 2.0
This course will acquaint the student with the various types of computer-related crimes and the legal issues involved in investigation. (1.2) Proficiency Credit Available (2 T) Pass/No Credit Not Available.
In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Varies

CIS 205 Visual Programming (4) 4.0
This course teaches how to program with a "visual" programming languages, such as Visual Basic. You will learn to write software using the various controls available in a graphical user interface, and learn how to to best design programs using those controls. An important emphasis will be data access, manipulation, and queries with the available data controls. Course is repeatable to sixteen credits. (1.2) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $548 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in CIS 105 or CIS 121 or consent of instructor Recommended: CIS 110 or familiarity with Microsoft Windows
Semester(s) Offered: Varies
CIS 207 Object-Oriented Programming (4)  4.0
This course is an introduction to object-oriented programming for students who have already learned programming in another computer language. Object-oriented programming is the most widely-used modern programming paradigm. The course will introduce how to design larger programs by structuring them into multiple classes and objects with a variety of relationships between those classes, such as association, composition, and inheritance. The students will learn how to create stand-alone applications and applets for deployment over the Internet. These techniques will be applied to the building of sophisticated graphical user interfaces (GUI). Advanced topics, such as various development environments, or application projects such as object-oriented programming for programming robots, may vary by section. This course will be taught using the Java, C++, or C# programming language. (1.2) Proficiency Credit Not Available Pass/No Credit Available.
**In-District Tuition/Fees:** $548 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
**Prerequisite:** Grade of C or better in CIS 121 or consent of instructor.+  
**Semester(s) Offered:** Fall and Spring

CIS 210 Intro to Database Design/Management (3)  3.0
This course covers the introduction to relational database management systems. It uses fundamental concepts in database design, database modeling techniques, and Structured Query Language (SQL) programming techniques while providing hands-on exercises in which students apply these concepts and techniques. Design and manipulation of relational databases will be emphasized. Students will implement a relational database from initial requirements and conceptual design (ER Diagram) to the physical database in a modern enterprise relational database management system (RDMS). Course is repeatable to 12 credits. (1.2) Proficiency Credit Not Available Pass/No Credit Available.
**In-District Tuition/Fees:** $411 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
**Prerequisite:** Grade of C or better in CIS 110 and CIS 105 or CIS 121 or consent of instructor.
**Semester(s) Offered:** Fall and Spring

CIS 215 Multimedia Technologies (2)  2.0
This course is an introduction to software and hardware used for graphics, sound, and motion video. Students will learn to use basic presentation software, and they will learn the basics of multimedia types and delivery on the Internet. Topics will include image formats, scanners, image editing software, audio and video formats, software recording and playback, and multimedia streaming on the web. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
**In-District Tuition/Fees:** $274 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
**Prerequisite:** Grade of C or better in CIS 110 or consent of instructor
**Semester(s) Offered:** Fall and Spring

CIS 221 Computer Operating Systems/Microsoft (3)  2.2
This hands-on course offers an in-depth study of the functions and features of installing, configuring, troubleshooting and maintaining current Microsoft Windows desktop operating systems. Topics include performing attended and unattended installations, monitoring and managing files and folders, troubleshooting hardware devices and drivers, configuring the desktop environment, power management, and optimizing system performance and reliability. This course should prepare the student for the Microsoft certification exam for the operating system. Course is repeatable to nine credits only three credits may apply toward a degree or certificate. (1.2) Proficiency Credit Available (3IST) Pass/No Credit Available.
**In-District Tuition/Fees:** $416 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
**Prerequisite:** Grade of C or better in CIS 110 or CIS 105 or CIS 121 or consent of instructor
**Semester(s) Offered:** Fall

CIS 222 Linux Operating Systems (3)  3.0
In this introduction to using the Linux operating system, students will learn the basics of using the command line for navigation and file management and learn the use of basic Linux utilities. Students will learn to use text editors and basic scripting and scheduling for processes. Other topics include Linux installation, software updates, graphical user interfaces, and open source Linux applications. (1.2) Proficiency Credit Not Available Pass/No Credit Available.
**In-District Tuition/Fees:** $416 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
**Prerequisite:** Grade of C or better in CIS 110 or CIS 105 or CIS 121 or consent of instructor
**Semester(s) Offered:** Fall

CIS 223 Computer Science II (4)  4.0
This second course in computer science introduces more advanced topics in programming, with emphasis on data structures and file manipulation. Topics will include design and implementation of large-scale problems, program verification, dynamic memory allocation, data structures, file processing, and an introduction to object-oriented programming. This course will be taught using the C++ programming language. (1.1) Proficiency Credit Available (3CC) Pass/No Credit Available.
**In-District Tuition/Fees:** $548 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
**Prerequisite:** Grade of C or better in CIS 121 or CIS 123 or MTH 123 or consent of instructor
**Semester(s) Offered:** Fall and Spring
CIS 226 Computer Science III (4)  
This course concentrates on algorithms, algorithm analysis, and advanced data structures. Algorithm approaches such as divide-and-conquer, dynamic, greedy, and back-tracking are considered. Complexity analysis is used to compare algorithm efficiency. Students will learn further use of object-oriented programming to implement ADTs such as graphs, sets, heaps, and hash tables. (1.1) Proficiency Credit Not Available Pass/No Credit Available. 
In-District Tuition/Fees: $548 (effective 2020/21 academic year) 
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/). 
Prerequisite: CIS 223 or consent of instructor 
Semester(s) Offered: Spring 

CIS 227 Computer Organization (3)  
This is a course in basic computer architecture. The function of the CPU, memory systems and organization, input/output devices, busses and interrupts will all be included. Students will learn basic digital logic, instruction sets, microprogramming, and assembly language. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available. 
In-District Tuition/Fees: $396 (effective 2020/21 academic year) 
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/). 
Prerequisite: Grade of C or better in CIS 127 or concurrent enrollment in CIS 127 or consent of instructor 
Semester(s) Offered: Varies 

CIS 229 Computer Science Independent Study (2-6)  
(0, 4-12) This course permits the student to do research in a particular area of his/her interest in computer science with minimal assistance from the instructor. Course is repeatable to six hours. (1.2) Proficiency Credit Available (2 IC) Pass/No Credit Available. 
In-District Tuition/Fees: $807 (effective 2020/21 academic year) 
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/). 
Prerequisite: Demonstrated ability to excel in an area of interest with consent of instructor 
Semester(s) Offered: Varies 

CIS 230 Computer Hardware & Troubleshooting (4)  
This class covers the basic hardware components, assembling the components into a working system. The course will also cover hardware peripherals such as printers, scanners, and displays as well as basic networking. Students will gain a complete, step-by-step approach for learning the fundamentals of supporting and troubleshooting computer hardware. This course maps fully to CompTIA's latest A+ Exam objectives. (1.2) Proficiency Credit Available 2 Z Pass/No Credit Available. 
In-District Tuition/Fees: $553 (effective 2020/21 academic year) 
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/). 
Prerequisite: Grade of C or better in CIS 110 or CIS 105 or consent of the instructor. 
Semester(s) Offered: Fall and Spring 

CIS 231 Intro to Windows OS (3) 2,2 
This hands-on course offers an in-depth study of the functions and features of installing, configuring, troubleshooting and maintaining current Microsoft Windows desktop operating systems. Topics include performing attended and unattended installations, monitoring and managing files. Students will gain a complete, step-by-step approach for learning the fundamentals of supporting and troubleshooting computer software. This course maps fully to CompTIA's A+ Exam objectives. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available. 
In-District Tuition/Fees: $411 (effective 2020/21 academic year) 
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/). 
Prerequisite: Grade of C or better in CIS 230 or consent of instructor. 
Semester(s) Offered: Fall and Spring 

CIS 236 Special Topics in Computer Science (.5-3) 3,6 (.5-3, 1-6) Designed to satisfy specific needs or interests of students and the community. The following guidelines are to be used in selecting topics: 1) adequate and available material on special topic; 2) comprehensive outlines for each topic; and, 3) course should be designed to increase skill and knowledge in field of data processing. Course is repeatable to 12 credits. (1.2) Proficiency Credit Not Available Pass/No Credit Available. 
In-District Tuition/Fees: $81 (effective 2020/21 academic year) 
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/). 
Prerequisite: None 
Semester(s) Offered: Varies 

CIS 241 Word Processing Applications (2) 2,0 This course covers beginning through advanced word processing topics that prepare you to achieve the Microsoft Word Certification. These topics include creating and managing letters, tables, research papers, Web content; merging documents; creating forms; embedding and linking objects; using Macros; and troubleshooting. Students in this course will complete the official Microsoft Word Certification exam as the course final. See the schedule for specific software packages used. (1.2) Proficiency Credit Available (3 S) Pass/No Credit Available. 
In-District Tuition/Fees: $264 (effective 2020/21 academic year) 
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/). 
Prerequisite: None Recommended: Working Knowledge of Microsoft Windows 
Semester(s) Offered: Fall, Spring and Summer
CIS 242 Spreadsheet Applications (2)  2.0
This course covers beginning through advanced spreadsheet topics that prepare you to achieve the Microsoft Excel Certification. These topics include creating and managing worksheets and workbooks; managing data cells and ranges; creating tables; performing operations with formulas and functions; creating charts and objects; and troubleshooting. Students in this course will complete the official Microsoft Excel Certification exam as the course final. See the schedule for specific software packages used. (1.2) Proficiency Credit Available (3 S) Pass/No Credit Not Available.
In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

CIS 243 Presentation Applications (2)  2.0
Recommended: Working Knowledge of Microsoft Windows This course covers beginning through advanced presentation topics that prepare you to achieve the Microsoft PowerPoint Certification. These topics include creating and managing presentations; inserting and formatting text, shapes, and images, tables, charts, SmartArt, and media; applying transitions and animations; managing multiple presentations; and troubleshooting. Students in this course will complete the official Microsoft PowerPoint Certification exam as the course final. See the schedule for specific software packages used. (1.2) Proficiency Credit Available (3 S) Pass/No Credit Not Available.
In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

CIS 244 Database Applications (2)  2.0
Recommended: Working Knowledge of Microsoft Windows This course covers beginning through advanced database topics that prepare you to achieve the Microsoft Access Certification. These topics include creating and managing a database; building tables; creating queries, forms, reports, and troubleshooting. Students in this course will complete the official Microsoft Access Certification exam as the course final. See the schedule for specific software packages used. (1.2) Proficiency Credit Available (3 S) Pass/No Credit Not Available.
In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

CIS 246 Programming Dynamic Web Pages (3)  2.2
This course will teach how to do client-side Internet programming with Javascript. Topics will include creating slide shows and active images, customizing web page content with Javascript programs, using data from querystrings and forms, creating calculators with forms, using new windows and redirection, validating form contents, and using cookies to maintain data. Course is repeatable to six credits. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $406 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: CIS 105 or CIS 121 and CIS 148 or consent of instructor.
CIS 148 may be taken concurrently
Semester(s) Offered: Varies

CIS 247 Internet Programming (3)  2.2
This course will teach various ways to write programs that can be used over the Internet. The actual topics may change from semester to semester as the Internet itself continues to evolve. Students will learn client-side and server-side scripting using one or more common Internet programming languages, how to gather form data into a database, and how to deliver database information over the web. Course is repeatable to 12 credits. (1.2) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $411 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in CIS 105 or CIS 121 or consent of instructor Recommended: CIS 148
Semester(s) Offered: Varies

CIS 248 Internet Programming with PHP (3)  2.2
This course will teach how to do server-side Internet scripting with the language PHP. Topics will include gathering data from forms and querystrings, saving form information to data files on the server, reading and searching data files to create custom web pages on request, carrying information forward through multiple pages to create an interactive website, and various ways to use PHP to customize web pages and web sites from the server side. Course is repeatable to nine credits. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $411 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: CIS 105 or CIS 121 or consent of instructor Recommended: CIS 148
Semester(s) Offered: Varies

CIS 252 Network Fundamentals (3)  2.2
This course is an introduction to computer networks and networking devices. Topics include network topologies and architecture, Internet protocols, network hardware and media, the OSI and TCP/IP models, network scanners, and firewall and security appliances. This course maps to the CompTIA Network+ Exam Certification. (1.2) Proficiency Credit Available (2 TI) Pass/No Credit Not Available.
In-District Tuition/Fees: $411 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in CIS 231 or instructor consent.
Semester(s) Offered: Fall and Spring
CIS 253 Principles of Cyber Security (3) 2,2
This is a network security course in which students will learn to protect computer networks from various vulnerabilities and threats. Students will learn about common threats, system hardening, network and intrusion security tools, access control methods, authentication, encryption, redundancy, disaster response, and organizational security. This course is aligned to the goals of the CompTIA Security+ exam certification. (1.2) Proficiency Credit Available (2 S) Pass/No Credit Not Available.
In-District Tuition/Fees: $411 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in CIS 252 or consent of instructor.
Semester(s) Offered: Fall

CIS 256 Network Administration/Microsoft (3) 2,2
This course will provide students with experience necessary to plan, install, manage and maintain a local area network with Microsoft server software. Students will install client and server network operating systems on systems in an Ethernet environment, and act as system managers to set up user and group accounts, administer user and group accounts, secure network resources, manage network print functions, audit resources and events and manage system policies. This course should prepare the student for the related Microsoft network administration certification exam. Course is repeatable to nine credits; only three credits may apply toward a degree or certificate.(1.2) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $416 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in CIS 231 or concurrent enrollment in CIS 231 or consent of instructor.
Semester(s) Offered: Spring

CIS 257 Serving the Internet/Microsoft (3) 2,2
This course is designed to provide students with the course work and lab experience necessary to plan, install, manage, and maintain an Internet Information Server. This course will use both Web and FTP servers from Microsoft designed to operate on a Windows Server platform. Completion of this course should prepare the student to fully design, create, deploy, and manage Web sites. Course is repeatable to 12 credits. (1.2) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $411 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: CIS 256
Semester(s) Offered: Varies

CIS 260 Applied Technical Support (3) 2,2
This course will expose the student to various help desk/field service tasks that will require use of knowledge gained through previous coursework in the degree program along with research into new situations and issues. The tasks will cover a variety of scenarios in system expansion, upgrades, maintenance, preventive maintenance, backup and data recovery, connectivity, and security. Typical problems encountered will involve defective hardware, network problems, application program errors, user errors, local and network data recovery, and virus elimination. Course is repeatable to twelve credits. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $411 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Consent of Instructor
Semester(s) Offered: Fall and Spring

CIS 262 Applied Programming (3) 1,4
This course will require students to apply their previous training in computer science to one or more large-scale programming tasks. Projects will be data-intensive and require a variety of acquired and research skills to complete, as well as a mixture of programming languages and applications software. The projects will be group-oriented and require students to work in teams. Coordinated team planning will be necessary. (1.2) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $411 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Consent of Instructor
Semester(s) Offered: Varies

CIS 263 Ethical Hacking & Counter Measures (4) 4,3
This course introduces students to a broad range of systems, applications, and network intrusions, prevention and detection. It provides an in-depth understanding of how to effectively protect computer systems and networks. Students will identify and analyze new vulnerabilities and apply innovative methods to protect systems and networks. Students will learn the tools and methodologies used by ethical hackers. (1.2) Proficiency Credit: Available (2 S) Pass/No Credit: Available.
In-District Tuition/Fees: $528 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in CIS 253
Semester(s) Offered: Fall and Spring
CIS 271 Application Device Evidence Recovery (3)  2,2
This lab intensive course will teach students how to analyze and recover potential evidence from digital media, applications, and operating systems. Students will utilize an industry standard self-contained digital forensics software suite, such as EnCase or Forensics Toolkit (FTK). Students will learn to use the software to manage cases, create evidence files, analyze disk and device images, use various search methods, and archive evidence. This course will also provide evidence recovery capabilities beyond what might be found in an all-in-one software suite.
(1.2) Proficiency Credit Available (2 IS) Pass/No Credit Not Available.
In-District Tuition/Fees: $411 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)(https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in CIS 170 or consent of instructor
Semester(s) Offered: Fall

Computer Integrated Manufacturing

ECC prepares students for entry-level employment in jobs such as general machinist, tool and die maker, mold maker, special machine builder, maintenance machinist, computer-aided manufacturing technician, computer numerical control (CNC) operator or programmer, set-up specialist, industrial sales, and supervision.

As a result of computer integrated manufacturing course work, students learn about computer-controlled production machines which include a variety of machine tools running on CNC-programmed instructions. Students master programming skills using CNC equipment. Plus, electives in computer-aided manufacturing or traditional machine tool processes allow students to specialize or pursue concentrated study.

ECC’s machine tool degree is ideal for the student interested in a career as a tool and die maker. In addition to the technical background needed for this highly skilled and well-paid trade, students take additional courses in liberal arts and sciences to broaden their academic backgrounds and prepare them for supervisory positions. Upon graduation, most students are prepared to enter the third year of a four-year tool and die apprenticeship.

Accreditation

Computer integrated manufacturing course work is approved by the U.S. Department of Labor Bureau of Apprenticeship Training for the supplemental instruction portion of local industry apprenticeship programs in tool and die maker, mold maker, and machinist including CNC programming, CNC operations/setup, and MasterCam software training.

Entrance Requirements

None

Program Requirements

Students must purchase their own safety glasses and locks and are expected to wear sturdy leather shoes to all IMT classes. Lists of recommended supplies and tools are available from ECC industrial manufacturing technology instructors.

Machine Tool Technology

• Identify and describe the purpose and function of precision measurement systems
• Identify and describe basic functions of precision measurement tools
• Describe the importance of precision in manufacturing
• Perform complex machine tool making activities commonly used in manufacturing

Industrial Manufacturing Technology

• Describe and demonstrate shop safety practices
• Demonstrate proficiency with various tools and machines
• Identify and describe the purpose and function of precision measurement systems
• Identify and describe basic functions of precision measurement tools
• Describe the importance of precision in manufacturing
• Perform complex machine tool making activities commonly used in manufacturing

Computer Integrated Manufacturing Option - Associate of Applied Science

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
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<tbody>
<tr>
<td>First Semester</td>
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<tr>
<td>IMT 103</td>
<td>Industrial Manufacturing Tech I</td>
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<tr>
<td>IMT 104</td>
<td>Industrial Manufacturing Tech II</td>
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</tr>
<tr>
<td>CAD 101</td>
<td>Introduction to Engineering Design</td>
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<tr>
<td>IMT 107 or MTH 107</td>
<td>Technical Math I or Technical Math II</td>
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<tr>
<td>CAD 120</td>
<td>Introduction to SolidWorks</td>
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<td>IMT 220</td>
<td>Introduction to CNC Programming</td>
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<td>IST 120</td>
<td>Hydraulics</td>
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<tr>
<td>CAD 121</td>
<td>Advanced Concepts in SolidWorks</td>
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<td>IST 140</td>
<td>Programmable Controllers I</td>
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<tr>
<td>IMT 112</td>
<td>Metrology-The Study of Measurement</td>
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<tr>
<td>Required Liberal Education Course (p. 192)</td>
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<td>Third Semester</td>
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<tr>
<td>IMT 221</td>
<td>Introduction to CNC Toolpath</td>
<td>4</td>
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<tr>
<td>IMT 111 or MTH 109</td>
<td>Technical Mathematics II or Technical Math II</td>
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<tr>
<td>CAD 208</td>
<td>Applied Descriptive Geometry &amp; Statics</td>
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<tr>
<td>IMT 110</td>
<td>Intro to Computer Integrated Mfg</td>
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<tr>
<td>Required Communications Course (p. 192)</td>
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<td>Fourth Semester</td>
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<td>IMT 203</td>
<td>Manufacturing Process &amp; Design Tech</td>
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<td>CAD 205</td>
<td>Geometric Dimensioning &amp; Tolerancing</td>
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<td>IST 105</td>
<td>Electrical Control Circuits</td>
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<td>Required Communications Course (p. 192)</td>
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<tr>
<td>Required Social or Behavioral Sciences Course (p. 192)</td>
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Program Total: 68
## Industrial Manufacturing Technology - Associate of Applied Science

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<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
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<tr>
<td>IMT 107</td>
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<td>IMT 108</td>
<td>Industrial Manufacturing Tech III</td>
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<td>IMT 109</td>
<td>Industrial Manufacturing Tech IV</td>
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</tr>
<tr>
<td>IMT 112</td>
<td>Metrology-The Study of Measurement</td>
<td>3</td>
</tr>
<tr>
<td>IMT 110</td>
<td>Intro to Computer Integrated Mfg</td>
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<tr>
<td>IMT 111</td>
<td>Technical Mathematics II</td>
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<td>or MTH 109</td>
<td>Technical Math II</td>
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<td>CAD 120</td>
<td>Introduction to SolidWorks</td>
<td>3</td>
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<td>IMT 220</td>
<td>Introduction to CNC Programming</td>
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<td>IMT 107</td>
<td>Technical Math I</td>
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## CNC Programmer-Vocational Specialist

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## Machine Tool Technology - Associate of Applied Science

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## Computer Integrated Manufacturing - Vocational Specialist

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### Machine Tool Operations - Vocational Specialist

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<td>IMT 109</td>
<td>Industrial Manufacturing Tech IV</td>
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<td>IMT 112</td>
<td>Metrology-The Study of Measurement</td>
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<td>IMT 119</td>
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### CNC Operator - Basic Vocational Specialist

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### Tool and Die Making - Basic Vocational Specialist

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### Mold Making - Vocational Specialist

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<td>Fabrication of Machine Parts</td>
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<td>IMT 209</td>
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All IMT courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.

**IMT 103 Industrial Manufacturing Tech I (3)** 1,4

This course provides classroom and laboratory learning experiences related to fundamental machine tool technology by focusing on power saws, drill presses, basic lathes and related tooling. Course includes speed and feed calculation, part layout, basic measuring tools and related manufacturing theory. Safe work practices are strongly stressed. (1.2)

Proficiency Credit Available (3 LETSIR) Pass/No Credit Available.

In-District Tuition/Fees: $446 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

**Prerequisite:** None

**Semester(s) Offered:** Fall and Spring
IMT 104 Industrial Manufacturing Tech II (3) 1,4
This course is a continuation of IMT 103 beginning with engine lathes and introducing horizontal mills, vertical mills, and CNC basics. Course includes related information on tooling, speeds and feeds, measuring instruments and manufacturing theory. (1.2) Proficiency Credit Available (3 LETSIR) Pass/No Credit Not Available.
In-District Tuition/Fees: $446 (effective 2020/21 academic year)
Prerequisite: IMT 103 or consent of instructor
Semester(s) Offered: Fall and Spring

IMT 106 Mathematics for Machinists (5) 5,0
Study of all mathematics used in the machine shop. Includes addition, subtraction, multiplication, division, fractions, decimals, percentage, area and volume, algebra, geometry, and right angle trigonometry. (1.2) Proficiency Credit Available (3 LETSIR) Pass/No Credit Not Available.
In-District Tuition/Fees: $660 (effective 2020/21 academic year)
Prerequisite: None
Semester(s) Offered: Varies

IMT 107 Technical Math I (4) 4,0
The course emphasizes the mathematical knowledge needed to be successful in the workplace, including number systems, geometry, algebra, and trigonometry. Students will engage in problem-solving activities using real-world career examples that help students learn not only the needed mathematical skills, but also how those skills are used in specific fields of interest Special Note: This course is offered concurrently as MTH 107. The student must decide whether to earn credits in Industrial Manufacturing Technology (IMT) or Mathematics (MTH) prior to enrolling. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $528 (effective 2020/21 academic year)
Prerequisite: Effective Summer 2020 Grade of C or better in MTH 090, consent of instructor, or satisfaction of other placement criteria.
Semester(s) Offered: Fall and Spring

IMT 108 Industrial Manufacturing Tech III (3) 1,4
A continuation of IMT 104, with emphasis on a greater degree of precision in completing a comprehensive project. Grinding operations, form grinding, O.D. and I.D. grinding are introduced, including grinding wheel specifications, technique and related manufacturing theory. (1.2) Proficiency Credit Available (3 LETSIR) Pass/No Credit Not Available.
In-District Tuition/Fees: $446 (effective 2020/21 academic year)
Prerequisite: IMT 107 or MTH 107 and IMT 104 or CAD 101 or consent of instructor
Semester(s) Offered: Fall and Spring

IMT 109 Industrial Manufacturing Tech IV (3) 1,4
A continuation of IMT 108 with emphasis on a greater degree of precision in completing a comprehensive project. The dividing head rotary table and EDM will be introduced, including electrode specifications, technique and related manufacturing theory. (1.2) Proficiency Credit Available (3 LETSIR) Pass/No Credit Not Available.
In-District Tuition/Fees: $446 (effective 2020/21 academic year)
Prerequisite: IMT 108
Semester(s) Offered: Fall and Spring

IMT 110 Intro to Computer Integrated Mfg (2) 1,2
A survey of the tools and theory regarding computer integrated manufacturing (CIM). CIM is the union of hardware and software, database management, and communications to automate and control production activities from planning and design to manufacturing and distribution. Introduces basic CNC lathe set up and operation. Includes safety, turning, grooving, drilling, boring, threading, and cutting tools. Programs are written, developed, simulated, run, and debugged on actual machine tools. (1.2) Proficiency Credit Available (3 LETSIR) Pass/No Credit Not Available.
In-District Tuition/Fees: $314 (effective 2020/21 academic year)
Prerequisite: Effective Summer 2020: (1) CAD 101 and IMT 104; and (2) IMT 107 or MTH 107; or (3) Consent of Instructor. Prerequisite: CAD 101 and IMT 107 or MTH 107 or consent of instructor
Semester(s) Offered: Fall and Spring

IMT 111 Technical Mathematics II (4) 4,0
Continuation of IMT 107, Technical Mathematics I, and an introduction to further methods used in mathematics problem-solving needed for technology. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $528 (effective 2020/21 academic year)
Prerequisite: Grade of C or better in IMT 107 or MTH 107 or consent of instructor
Semester(s) Offered: Varies

IMT 112 Metrology-The Study of Measurement (3) 1,3
A study and use of the various measuring tools used in the establishment of quality control for the manufacturing of parts and assemblies including basic SPC techniques. (1.2) Proficiency Credit Available (3 LETSIR) Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
Prerequisite: None
Semester(s) Offered: Fall and Spring
IMT 119 Fabrication of Machine Parts (3) 0,6
The student will apply theory learned in lecture/discussion including selection of material and proper machine procedure to complete the project with the necessary tolerances and finishes. Improvements in areas of individual machining weakness will be stressed. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $446 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: IMT 109 or consent of instructor
Semester(s) Offered: Varies

IMT 208 Basic Die Theory (4) 2,4
The study of the design and fabrication of stamping and forming dies used in the metal stamping industry. Included in the course will be the knowledge of metals used for specific stamping operations. The student will be required to design several progressive stamping dies throughout the course. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $583 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: IMT 108 or consent of instructor
Semester(s) Offered: Varies

IMT 209 Basic Mold Theory (4) 2,4
The study of design and fabrication of plastic, die cast, and rubber molds for production of finished products. Included are units of instruction in the flow characteristics of thermoset thermoplastics and die cast materials and their properties. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $583 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: IMT 108
Semester(s) Offered: Varies

IMT 210 Industrial Manufacturing Tech V (5) 0,10
The laboratory portion of IMT 203. The student will select a project from a group of assembled projects (6 parts or more) to be completed. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $715 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: IMT 203 or concurrent enrollment in IMT 203 or consent of instructor
Semester(s) Offered: Varies

IMT 212 Metallurgy-The Study of Steel (2) 2,0
Basic introduction to ferrous and nonferrous materials and alloys and their molecular activity during processing from raw material to finished product. The composition and changes of the metal are analyzed under laboratory testing to heat treatment, destructive and nondestructive testing, and various fabrication processes. (1.2) Proficiency Credit Available (3 LETSIR) Pass/No Credit Not Available.
In-District Tuition/Fees: $274 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall and Spring

IMT 214 Jig & Fixture Theory (2) 2,0
The course will cover parameters involved in controlling the design of either a jig or fixture for a specific piece part and the type of construction dictated by the number and design of that piece part. Included in the course will be the relationship of jigs and fixtures to stampings, castings, and machine parts. (1.2) Proficiency Credit Available (3 LETSIR) Pass/No Credit Not Available.
In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: IMT 104
Semester(s) Offered: Varies

IMT 215 Special Projects in Indust Manuf (1-4) 0,2
(0, 2-8) This course allows an advanced student to study or complete, in-depth, a related subject or project in conjunction with machine tool processing. Course is repeatable to four credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $528 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Consent of instructor
Semester(s) Offered: Varies
IMT 220 Introduction to CNC Programming (4)  2,4
This course is an introduction to CNC programming. The use of M & G code programming to produce CNC programs for machined parts will be taught. Specific areas of programming including linear and circular interpolation, canned cycles, drilling, reaming, tapping, boring, face milling, end milling and the use of sub programs will be covered. Machine operation of CNC Bridgeports with Boss 9 and Discovery 308 controls will be covered and used to proof run programs. A microcomputer lab for program composition DNC transfer and computer simulation of Fanuc and a variety of controls will be used. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $583 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: IMT 110 or concurrent enrollment in IMT 110 or consent of instructor
Semester(s) Offered: Fall and Spring

IMT 221 Introduction to CNC Toolpath (4)  2,4
The student will bring together his/her knowledge of geometry generation using CAD and conventional CNC program generation to learn computer generated toolpathing. The student will generate geometry, initiate computer toolpaths and output executable CNC programs using CAD/ MasterCam toolpathing software on personal computers. Additionally post processor generation will be discussed. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $583 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: IMT 110 and IMT 220 or concurrent enrollment in IMT 220 or consent of instructor
Semester(s) Offered: Fall and Spring

IMT 222 Advanced CNC Programming I (4)  2,4
This course builds on the knowledge gained in the IMT 221 Introduction to CNC Toolpath course and expands the knowledge of design and production of CNC programming. Advanced programming are simulated off-line and run on multi-axis CNC machines. Students apply advanced precision machining skills, complex setup, and programming advanced part geometry. Canned cycles, cutter compensation, subroutines, probing functions, and high speed machining processes will be introduced. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $583 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: IMT 221 or consent of instructor.
Semester(s) Offered: Varies

IMT 223 Advanced CNC Programming II (2)  1,2
Advanced CNC Programming II is a continuation of the first semester Advanced CNC Programming I. Great complexity on multi-axis programming task. Students will learn advanced topics in Computer Aided Manufacturing (CAM) and advanced programming, with an intro to macro language. Instruction on capabilities of Computer Aided Design and Computer Aided Manufacturing (CAD/CAM) interface, material selection, and introduction to Computer Integrated Manufacturing (CIM) is included. Projects in CNC problem solving and troubleshooting are accomplished utilizing the CNC machine lab using CAD/CAM software on personal computers. Troubleshooting of machine problems, cycle time reduction practices, fixture design, and perform complex setup will be introduced. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $304 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: (1) IMT 221; and (2) IMT 222 or concurrent enrollment in IMT 222; or (3) Consent of instructor.
Semester(s) Offered: Varies

IMT 224 Special Topics in Industrial Manuf. (1-3)  5,1
Designed to satisfy specific needs or interests of students and the community. The following guidelines are to be used in selecting topics: 1) adequate and available material on specific topics; 2) comprehensive outlines for each topic; and, 3) course should be designed to increase skill and knowledge in field of industrial manufacturing. Course is repeatable to four credits. (1.2) Proficiency Credit Available (2 EIST) Pass/No Credit Not Available.
In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Varies

IMT 233 Injection Molding Dies (2)  2,0
The student will acquire a full understanding of the design of molds, including care of molds, setting basic types and applications, features and components and production of molds. (1.2) Proficiency Credit Available (3 LETSIR) Pass/No Credit Not Available.
In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: IMT 133 and IMT 231
Semester(s) Offered: Varies

IMT 234 Special Topics in Industrial Manuf. (1-3)  5,1
Designed to satisfy specific needs or interests of students and the community. The following guidelines are to be used in selecting topics: 1) adequate and available material on specific topics; 2) comprehensive outlines for each topic; and, 3) course should be designed to increase skill and knowledge in field of industrial manufacturing. Course is repeatable to eight credits. (1.2) Proficiency Credit Available (2 EIST) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Varies

IMT 235 Special Topics in Industrial Manuf. (2)  1,2
Effective 2020 Summer this course will be withdrawn. Designed to satisfy specific needs or interests of students and the community. The following guidelines are to be used in selecting topics: 1) adequate and available material on specific topics; 2) comprehensive outlines for each topic; and, 3) course should be designed to increase skill and knowledge in field of industrial manufacturing. Course is repeatable to eight credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None.
Semester(s) Offered: Varies
IMT 236 Special Topics in Industrial Manuf. (3)  2,2
Effective 2020 Summer this course will be withdrawn. Designed to satisfy specific needs or interests of students and the community. The following guidelines are to be used in selecting topics: 1) adequate and available material on specific topics; 2) comprehensive outlines for each topic; and, 3) course should be designed to increase skill and knowledge in field of industrial manufacturing. Course is repeatable to 12 credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Prerequisite:None.
Semester(s) Offered: Varies

Criminal Justice
Increasing complexities of our society and its laws have influenced more criminal justice agencies to require that candidates for employment possess a college education. The degree in criminal justice features opportunities to learn essential knowledge for preparedness to work in the criminal justice field, but does not cover the professional courses that lead to police or corrections officer certification. There are also opportunities for police officers and other practitioners to receive credit for their experiences in this program. Course work includes the philosophies of community policing, professional integrity and ethics, personal fitness, broad-based criminal justice education, and writing across the curriculum.

The degree in digital forensics will prepare you to identify, collect, and maintain digital artifacts to preserve their reliability for admission as evidence in a court of law. Computers and other digital devices are used today in just about every facet of our business and personal lives. As society becomes more dependent on these devices to communicate and store data, evidence trails are left in electronic format.

The digital forensics vocational certificate is for individuals who are already in law enforcement or criminal justice and want to jump into digital forensics.

Entrance Requirements
None

Program Requirements
None

- The language, terms, and concepts of criminal justice and police administration.
- Each component of the criminal justice system, and be able to define and describe each component.
- The causes of crime in our society.
- Law enforcement practices and the causes of stress within the profession.
- The differences in the juvenile and adult justice systems.
- The sources of law within the American Criminal Justice System (Common Law, Constitution, legislative/statutory laws, case law, substantive and procedural laws).
- The fundamentals of criminal investigations, and the laws of evidence.
- Communicating effectively through oral and written formats.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>CRJ 101</td>
<td>Introduction to Criminal Justice</td>
<td>3</td>
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<tr>
<td>CMS 101</td>
<td>Fundamentals of Speech</td>
<td>3</td>
</tr>
<tr>
<td>CRJ 111</td>
<td>Stress Management in Law Enforcement</td>
<td>3</td>
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<td>POS 150</td>
<td>Amer Government - National</td>
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<tr>
<td>ENG 101</td>
<td>English Composition I</td>
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<tr>
<td>CRJ 110</td>
<td>Introduction to Corrections</td>
<td>3</td>
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<tr>
<td>CRJ 198</td>
<td>The Police Service</td>
<td>3</td>
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<tr>
<td>CRJ 160</td>
<td>Criminal Justice Report Writing</td>
<td>3</td>
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<tr>
<td>PSY 100</td>
<td>Intro to Psychology</td>
<td>3</td>
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<tr>
<td>HUM 115 or HUM 216</td>
<td>Critical Reasoning or Logic or Ethics</td>
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<td>CRJ 199</td>
<td>Community Based Policing</td>
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<td>SDC 100</td>
<td>Principles of Sociology</td>
<td>3</td>
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<tr>
<td>CRJ 231</td>
<td>Juvenile Justice</td>
<td>3</td>
</tr>
<tr>
<td>CRJ 205</td>
<td>Criminal Law</td>
<td>3</td>
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<tr>
<td>Required Math/Science Course (p. 192)</td>
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</tr>
<tr>
<td>Criminal Justice Elective</td>
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<td>CRJ 225</td>
<td>Criminal Investigation</td>
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<td>CRJ 230</td>
<td>Criminology</td>
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<td>CRJ 270</td>
<td>Criminal Justice Org and Mgt</td>
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Criminal Justice Electives

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<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>CRJ 120</td>
<td>Introduction to Probation and Parole</td>
<td>3</td>
</tr>
<tr>
<td>CRJ 165</td>
<td>Introduction to Forensic Science</td>
<td>3</td>
</tr>
<tr>
<td>CRJ 175</td>
<td>Terrorism and Homeland Security</td>
<td>3</td>
</tr>
<tr>
<td>CIS 170</td>
<td>Introduction to Digital Forensics</td>
<td>3</td>
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<tr>
<td>CRJ 180</td>
<td>Crime Prevention</td>
<td>3</td>
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<tr>
<td>CRJ 200</td>
<td>Police Operations</td>
<td>3</td>
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### Digital Forensics - Associate of Applied Science

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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>First Semester</td>
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<tr>
<td>CIS 110</td>
<td>Introduction to Computers</td>
<td>3</td>
</tr>
<tr>
<td>CMS 101</td>
<td>Fundamentals of Speech</td>
<td>3</td>
</tr>
<tr>
<td>OIS 171</td>
<td>Introduction to Cyber Crimes</td>
<td>2</td>
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<tr>
<td>Required Communications Course (p. 192)</td>
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<td>3</td>
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<tr>
<td>Required Social/Behavioral Sciences Course (Recommended PSY 100 or POS 150) (p. 192)</td>
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<td>Second Semester</td>
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<td>CIS 230</td>
<td>Computer Hardware &amp; Troubleshooting</td>
<td>4</td>
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<tr>
<td>OIS 170</td>
<td>Introduction to Digital Forensics</td>
<td>3</td>
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<tr>
<td>Required Math/Science Course (p. 192)</td>
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<td>Third Semester</td>
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<td>CRJ 205</td>
<td>Criminal Law</td>
<td>3</td>
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<tr>
<td>CIS 252</td>
<td>Network Fundamentals</td>
<td>3</td>
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<tr>
<td>CIS 222</td>
<td>Linux Operating Systems</td>
<td>3</td>
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<td>Digital Forensics Elective</td>
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<td>Required Communications Course (p. 192)</td>
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<td>Fourth Semester</td>
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<td>OIS 271</td>
<td>Application Device Evidence Recovery</td>
<td>3</td>
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<tr>
<td>CRJ 215</td>
<td>Criminal Procedure</td>
<td>3</td>
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<tr>
<td>OIS 253</td>
<td>Principles of Cyber Security</td>
<td>3</td>
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<tr>
<td>CRJ 230</td>
<td>Criminology</td>
<td>3</td>
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<tr>
<td>OIS 231</td>
<td>Intro to Windows OS</td>
<td>3</td>
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<td>Digital Forensics Elective</td>
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### Digital Forensics Electives

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<th>Course</th>
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<tr>
<td>CIS 105</td>
<td>Introduction to Computer Programming</td>
<td>4</td>
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<tr>
<td>CIS 114</td>
<td>Digital Cameras and Computers</td>
<td>2</td>
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<tr>
<td>CIS 121</td>
<td>Computer Science I</td>
<td>4</td>
</tr>
<tr>
<td>CIS 127</td>
<td>Discrete Structures</td>
<td>3</td>
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<tr>
<td>CIS 256</td>
<td>Network Administration/Microsoft</td>
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<tr>
<td>ACC 200</td>
<td>Financial Accounting</td>
<td>4</td>
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### In-District Tuition/Fees:
$396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

### Program Total
60-63

All CRJ courses numbered 100 and above may be applied to the major field and elective requirement in the Associate for Arts and Associate in Science degrees.

CRJ 101 Introduction to Criminal Justice (3) 3.0
This course will approach the criminal justice system from an historical, developmental and philosophical perspective. Included will be the independent and interdependent relationships which exist between the components of the system as well as the connection with and impact upon society. (1.2) Proficiency Credit Available Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer
CRJ 110 Introduction to Corrections (3)  3.0
This course provides students with an overview of the corrections system. Course includes historical development, philosophy and a variety of correctional methods. Both pre- and post-institutional techniques, probation and parole will be covered. (1.1) Proficiency Credit Available Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

CRJ 111 Stress Management in Law Enforcement (3)  3.0
The purpose of this course is to develop an understanding of the stress faced by law enforcement officers and identify the sources of stress faced by the police officer, both internally and externally. Obtain an understanding of the physiology of stress, the zone of stability, and the causes of stress in policing. Methods of controlling and responding to stress will be reviewed, including physical and psychological techniques of stress management. (1.2) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall

CRJ 120 Introduction to Probation and Parole (3)  3.0
This course will cover the organization and operation of probation and parole systems, including history, law, ideologies, evaluation, problems, supervision, investigations, halfway houses, work release, and future trends. (1.2) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall

CRJ 165 Introduction to Forensic Science (3)  2.2
This course is intended to introduce the student to the field of Forensics Science as applied in the field by police officers and evidence technicians. The student will be introduced to the many aspects of working with evidence in a classroom setting while participating in hands-on application of many techniques in the location, collection, identification, and preservation of various categories of evidence in a field and lab setting. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $446 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall

CRJ 170 Introduction to Computer Forensics (3)  2.2
Effective 2020 Summer this course will be withdrawn. This course will provide students with an overview of Computer Forensics techniques. Topics will include the representation of data on a computer, preserving data on suspect computers, recovering data from computer file systems, encryption and hash functions, steganography, password recovery techniques, available computer forensics tools, and legal issues unique to computer forensics investigations. (1.2) NOTE: This course is offered concurrently as CIS 170. The student must decide whether to earn credits in Criminal Justice (CRJ) or Computer and Information Sciences (CIS) prior to enrolling. Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $436 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None Recommended: CIS 110
Semester(s) Offered: Fall and Spring

CRJ 175 Terrorism and Homeland Security (3)  3.0
This course provides a basic overview of the issues and criminology of terrorism. It will discuss international terrorism from ethnic, nationalistic, and separatist perspectives and look at religious and ideological terrorism; both international and domestic. Specific terrorist organizations will be analyzed and discussed with specific attention given to future trends and behavior such as; suicide terrorism, Weapons of Mass Destruction, Cyberterrorism and other terrorist "tools of the trade". Homeland Security and counter-terrorism issues will be addressed along with the importance of intelligence sharing and governmental partnerships between federal, state, and local law enforcement and intelligence agencies. (1.2) Proficiency Credit Available (2 IEF) Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Varies
Criminal Justice

CRJ 180 Crime Prevention (3)  3,0
This course provides a survey of crime prevention strategies as a specific function of police services requiring input from private, public and community interests. Examines the philosophy and organizational structure of crime prevention units. Explores the efficacy of neighborhood watch, target hardening and opportunity education programs and the potential problem areas. (1.2) Proficiency Credit Available Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring

CRJ 198 The Police Service (3)  3,0
This course is an introduction to the aspects of policing as a functional component of the criminal justice system. The primary emphasis is to introduce students to the historical developments of the police process and the problems involved with the functions of policing in American society. Topics will include the rights and responsibilities of the uniformed officer; manpower distribution theories; police personnel issues of unionism, educational and training requirements, other personnel problems, ethics, and corruption, community relations, including problem oriented policing; the police subculture as a distinct value system; an analysis of the relationship between police agencies and their communities; and an introduction to administrative theory. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: CRJ 101 or consent of instructor
Semester(s) Offered: Fall and Spring

CRJ 199 Community Based Policing (3)  3,0
This course will provide students with the overall intent of community involvement in the protection of the community, and also expose students to innovative approaches to resolving local problems in law enforcement. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in CRJ 101 and CRJ 198 or consent of instructor
Semester(s) Offered: Fall and Spring

CRJ 200 Police Operations (3)  2,2
This course studies the history and development of traffic and pedestrian law, and laws affecting attacks on police officers. It will examine the operations of patrol including accident investigation, and will include domestic violence, crimes in progress, felony stops, hostages, and incidents involving fire and hazardous materials, and courtroom testimony. It will also examine public misconduct, preventative patrol, and emergency vehicle operations. Special tactics, ethics, psychological dynamics involving interaction with a culturally diverse public, including juveniles will also be addressed. Students will participate in case studies, skills exercises, simulation, and report writing. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Consent of instructor
Semester(s) Offered: Varies

CRJ 201 Crisis and Conflict Mediation (3)  3,0
This course presents the social and psychological factors found in crisis situations such as family violence, homicide, chemical and sexual abuse, suicide, physical illnesses, injuries, and various forms of interpersonal conflicts and violence. Students will develop strategies for effective assessment, intervention, and follow-up of these situations. The course also covers victimology, including the rights of victims, witnesses, and the responsibility of the helping professional. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: CRJ 101 or consent of instructor
Semester(s) Offered: Varies

CRJ 205 Criminal Law (3)  3,0
This course will include a study of social and historical origins and of criminal law. The course will also cover the elements necessary to establish criminal violations and judicial sanctions, and the contemporary societal purposes and functions of the criminal law, using such examples and perspectives as common law, precedent, the Model Penal Code, and Illinois state statutes. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: CRJ 101 or consent of instructor
Semester(s) Offered: Varies
CRJ 215 Criminal Procedure (3)  3.0
This course covers constitutional and statutory guidelines for arrest, detention, use of force, search and seizure, warrant requirements, lineups and identification procedures, confessions, admissions, and interrogations. Emphasis is on the procedural considerations affecting law enforcement actions as restricted by constitutional amendments, statutes, and judicial precedent. It will include criminal procedures of Illinois, in addition to the general procedural guidelines for the administration of criminal law. (1.1) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: CRJ 205
Semester(s) Offered: Spring

CRJ 220 Criminalistics (3)  3.0
This course covers all aspects of crime scene processing and evidence preservation and collection. The study of this will include processing the crime scene for trace evidence, examining and evaluating physical evidence, and laboratory procedures. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Consent of instructor
Semester(s) Offered: Spring

CRJ 225 Criminal Investigation (3)  3.0
This course will cover the fundamentals and procedures of investigation; applications of deductive and inductive reasoning to the investigative process; the collection, marking, and preservation of evidence; and the techniques and procedures of the follow-up investigation. (1.1) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Spring

CRJ 230 Criminology (3)  3.0
Nature of adult and juvenile crime with historic and conventional theories of causation. Interrelationship of punishment to solution and correction. A thorough study is made of the classes of crime, types of criminals, and procedures utilized in rehabilitating criminals. The various measures employed in deterring crime are also an integral part of this course. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available NOTE: This course is offered concurrently as SOC 230. The student must decide whether to earn credits in Criminal Justice (CRJ) or Sociology (SOC) prior to enrolling.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None Recommended: SOC 100
Semester(s) Offered: Fall and Spring

CRJ 231 Juvenile Justice (3)  3.0
An overview of the nature, extent, causes and control of juvenile delinquency. It will include the nature of the juvenile justice system and the processing of juveniles, including the historical development and the differences from the criminal system. The course will also include a study of the Illinois Juvenile Justice statutes. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in CRJ 101
Semester(s) Offered: Fall, Spring and Summer

CRJ 235 Issues in Criminal Justice (.5-3)  .5
(0.5-3, 0-6) Discussion and analysis of specific topics in criminal justice. Focus of the class will be on issues of police, courts, corrections or security in contemporary American society. Emphasis on promoting dialogue between students and practitioners from different areas of the criminal justice system. Repeatable to 12 credits. (1.2) Proficiency Credit Available Pass/No Credit Available.
In-District Tuition/Fees: $66 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Varies

CRJ 270 Criminal Justice Org and Mgt (3)  3.0
This course is designed to acquaint the student with basic management and leadership theories as they pertain to criminal justice administration. Included will be, principles of management and bureaucracy, organizational structure, and hierarchy; selection, training, supervision, and discipline of personnel; ethics; collective bargaining; planning; budgeting, auxiliary and staff functions. (1.1) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in CRJ 198 or CRJ 199 and CRJ 110 or consent of instructor
Semester(s) Offered: Fall and Spring

CRJ 290 Criminal Justice Seminar & Practicum (3)  1,10
This course is designed to provide the student with bureaucratic and leadership theories as they pertain to criminal justice administration. Included will be, principles of management and bureaucracy, organizational structure, and hierarchy; selection, training, supervision, and discipline of personnel; ethics; collective bargaining; planning; budgeting, auxiliary and staff functions. (1.1) Proficiency Credit Available Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Consent of instructor
Semester(s) Offered: Fall, Spring and Summer

Culinary Arts and Hospitality

ECC's Culinary Arts & Hospitality Program has been recognized as one of the best in the Midwest. If you have a passion for cooking, baking and
service, we offer AAS degrees in three exciting hospitality disciplines including Culinary Arts, Pastry Arts and Restaurant Management.

If you are working in the industry and need to enhance your skills, our program offers four culinary certificates, four pastry certificates, and three restaurant management certificates to meet your workplace and career advancement goals. Students learn technical and hospitality skills in the classroom and then apply their knowledge as they create products in our five state-of-the-art kitchen labs.

According to the Occupational Outlook Handbook, employment for chefs and head cooks is projected to grow 10 percent from 2016-2026, faster than the average for all occupations. Most career opportunities for food industry professionals are expected to be in food services, including restaurants.

The Culinary Arts & Hospitality Program holds articulated agreements with multiple in-district secondary schools meaning students can take courses while in high school and earn college credit. Our program also has transfer agreements with several four-year institutions for students who want to pursue a bachelor’s degree.

**Entrance Requirements**

None

**Program Requirements**

Students must purchase a required ECC uniform and tool kit from the ECC Bookstore by the first day of class. Orders take two weeks to process, so please visit the ECC Bookstore for complete information and order forms.

**Culinary Arts**

- (CORE) Achieve ServSafe Food Manager Certification and ServSafe Responsible Alcohol Service Certification
- (CORE) Recognize/demonstrate proper kitchen safety procedures
- (CORE) Discuss/demonstrate the theory of mise en place
- (CORE) Calculate cost and food cost percentage of a recipe
- (CORE) Follow written and verbal instructions
- (CORE) Execute professional behavior and work habits in an industry environment
- Describe and produce five mother sauces
- Differentiate and produce food using the following cooking techniques: sauté, grill, braise, poach, fry, roast
- Demonstrate proper food handling procedures, plate presentation, temperature and flavor
- Design and execute proper techniques needed to compose a plated menu item

**Restaurant Management**

- (CORE) Achieve ServSafe Food Manager Certification and ServSafe Responsible Alcohol Service Certification
- (CORE) Recognize/demonstrate proper kitchen safety procedures
- (CORE) Discuss/demonstrate the theory of mise en place
- (CORE) Calculate cost and food cost percentage of a recipe
- (CORE) Calculate cost and food cost percentage of a recipe
- (CORE) Follow written and verbal instructions
- (CORE) Execute professional behavior and work habits in an industry environment
- Demonstrate customer service skills

- Demonstrate and apply management and leadership theories in a hospitality environment
- Demonstrate knowledge of basic programming, usage and report analysis of a POS system

**Pastry Arts**

- (CORE) Achieve ServSafe Food Manager Certification and ServSafe Responsible Alcohol Service Certification
- (CORE) Recognize/demonstrate proper kitchen safety procedures
- (CORE) Discuss/demonstrate the theory of mise en place
- (CORE) Calculate cost and food cost percentage of a recipe
- (CORE) Follow written and verbal instructions
- (CORE) Execute professional behavior and work habits in an industry environment
- Produce a variety of saleable bakery items in a timely manner
- Perform math functions necessary in the bakery such as bakers’ percentages and new yield conversions
- Execute theory and practical application of techniques in the areas of yeast and breakfast pastries.
- Execute theory and practical application of techniques in the areas of introductory European pastries such as petit fours sec and petit fours glacé.
- Execute theory and practical application of techniques in the areas of introductory custards and pâte à choux.
- Execute theory and practical application of advanced techniques including cakes and confectionery.

**Culinary Arts - Associate of Applied Science**

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### Pastry Arts - Associate of Applied Science

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### Cook - Vocational Specialist

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### Prep Cook - Basic Vocational Specialist

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<td>PAS 101</td>
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<td>SPN 101</td>
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### Cook Assistant/Baker Assistant - Basic Vocational Specialist

<table>
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### Ice Carving - Basic Vocational Specialist

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### Restaurant Supervisor - Vocational Specialist

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<td>CUL 101</td>
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<td>PAS 101</td>
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<td>HOS 220</td>
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<td>HOS 212</td>
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<td>HOS 215</td>
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<td>BUS 131</td>
<td>Customer Service Solutions</td>
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<td>BUS 120</td>
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<td>HOS 225</td>
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<td>HOS 214</td>
<td>Menu Design &amp; Strategy</td>
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<td>HOS 216</td>
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### Bakery Supervisor - Vocational Specialist

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<th>Credit Hours</th>
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<td>HOS 100</td>
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<td>CUL 101</td>
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<td>PAS 101</td>
<td>Baking Fundamentals I</td>
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<tr>
<td>PAS 103</td>
<td>Baking Theory</td>
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<td>HOS 101</td>
<td>Intro to the Hospitality Industry</td>
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<td>PAS 110</td>
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<td>HOS 212</td>
<td>Quantity Food Purchasing</td>
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<td>PAS 104</td>
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### Baker - Vocational Specialist

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<td>PAS 101</td>
<td>Baking Fundamentals I</td>
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<tr>
<td>CUL 101</td>
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<td>PAS 103</td>
<td>Baking Theory</td>
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<td>Intro to the Hospitality Industry</td>
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<td>Baking Fundamentals II</td>
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<td>PAS 104</td>
<td>Yeast Bread</td>
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<td>BUS 142</td>
<td>Report Writing</td>
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<td>SPN 101</td>
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Decorative Pastry - Basic Vocational Specialist

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<td>CUL 106</td>
<td>ServSafe Manager Certification</td>
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<td>HOS 100</td>
<td>Kitchen Techniques</td>
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<td>PAS 101</td>
<td>Baking Fundamentals I</td>
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<td>PAS 204</td>
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All CUL, HOS, and PAS courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.

Culinary Management Courses

CUL 101 Cooking Fundamentals I (4) 1,6
Introduction to the basic foundation skills necessary in commercial cooking. Including but not limited to the following areas: knife skills, flavorings, herbs and spices, mise en place, egg cookery, dairy, basic cooking techniques, recipe conversions and measurements, equipment identification and use. (1.2) Proficiency Credit Available (2 EILST) Pass/No Credit Not Available.

In-District Tuition/Fees: $728 (effective 2020/21 academic year)

Prerequisite: Grade of C or better in CUL 100 or HOS 100 or PAS 100 and CUL 106 or concurrent enrollment in HOS 100 and CUL 106

Semester(s) Offered: Fall and Spring

CUL 106 ServSafe Manager Certification (1) 1,0
National Restaurant Association Educational Foundation ServSafe Certification course for all foodservice employees and managers. Illinois requires eight hours minimum of sanitation training to work with or touch any raw or packaged food product. In addition the Illinois law requires passing the certification exam with a 75% or higher every five years. (1.2) Proficiency Credit Available (2 EILST) Pass/No Credit Not Available.

In-District Tuition/Fees: $132 (effective 2020/21 academic year)

Prerequisite: Reading: Grade of C or better in RDG 090 or LTC 099, or satisfaction of other placement criteria. Math: Grade of C or better in MTH 090, or satisfaction of other placement criteria.

Semester(s) Offered: Fall, Spring and Summer

CUL 110 Cooking Fundamentals II (6) 2,8
Introduction to the basic foundation skills necessary in commercial cooking. Including but not limited to the following areas: knife skills, flavorings, herbs and spices, mise en place, egg cookery, dairy, basic cooking techniques, recipe conversions and measurements, equipment identification and use. (1.2) Proficiency Credit Available (2 TSHIE) Pass/No Credit Not Available.

In-District Tuition/Fees: $992 (effective 2020/21 academic year)

Prerequisite: Grade of C or better in CUL 101

Semester(s) Offered: Fall and Spring

CUL 203 Meats and Seafood Principles (6) 2,8
This course is an introduction to meat, poultry, and seafood fabrication for food service operations. In this course, students learn the fundamentals of purchasing, receiving, handling and storing of these center of the plate items, as well as techniques for fabricating cuts for the professional kitchen. Building on skills acquired in previous courses, students apply dry and moist heat methods to cooking meat, poultry and seafood, including the appropriate sauces, garnishes and accompaniments. Importance is placed on work habits, mise-en-place, service techniques and the final products as served to the public. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $992 (effective 2020/21 academic year)

Prerequisite: Grade of C or better in CUL 103 or CUL 110

Semester(s) Offered: Fall and Spring

CUL 205 Culinary Internship (4) 0,0
This course is designed to give the student valuable hands on experience by entering into a partnership with industry. The internship agreement will last for a minimum of 320 hours. Under the supervision of a faculty member and designated employer, the student will participate in the day-to-day operations of the selected foodservice site. During the internship period, the student will be responsible for preparing four term papers relating to the specific operation. Upon completion of this course, the student's performance will be evaluated by the employer. (1.2) Proficiency Credit Available (2 EILST) Pass/No Credit Not Available.

In-District Tuition/Fees: $528 (effective 2020/21 academic year)

Prerequisite: Grade of C or better in CUL 203

Semester(s) Offered: Fall, Spring and Summer

CUL 207 Garde Manger (4) 2,4
The course will explore both the practical application of classic preservation methods along with modern cold food preparation techniques and pantry production. Traditional approaches, elements of artistry, new culinary concepts, and innovative methods will be addressed. Examples of various foods to be prepared will be: cold sauces and condiments, hot and cold sandwiches, cured and smoked foods, sausage production, terrines and pâtés, cheeses and hot and cold hors d’oeuvres. Various styles of presenting food and preparing buffets will also be emphasized. Upon completion, students should be able to exhibit an understanding of the cold kitchen and its related terminology. This course will provide the fundamentals necessary to build Garde Manger skills, which are essential for all foodservice professionals. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $728 (effective 2020/21 academic year)

Prerequisite: Grade of C or better in CUL 203

Semester(s) Offered: Fall and Spring
CUL 208 Food Production (6)  3,9
This class introduces the student to an ala carte restaurant with emphasis on the day-to-day operations of the kitchen. The student will be able to interpret menus and recipes, calculate quantities, assemble food and equipment materials and employ appropriate cooking, plating and saucing principles. The student will also be able to identify and correct cooking errors, organize work stations for productive performance and serve as a member of a team. The restaurant is designed to provide students with valuable real world experience in contemporary dining food production incorporating American cooking techniques. Students will be able to identify various allergens common in modern dining situations, as well as varied lifestyle choices demanded by the dining public. Students will apply skills from previous production classes and eventually be responsible for creating and preparing a final practical menu to be served to the dining public. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $992 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in CUL 206 or CUL 207 or concurrent enrollment in CUL 207 with instructor consent
Semester(s) Offered: Fall and Spring

CUL 210 Ice Carving (3)  1,4
A beginning course in the art of ice sculpting and carving with emphasis on tools, safety, ice tempering and hands on practice of beginner to intermediate pieces. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $696 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in CUL 206 or CUL 207 or concurrent enrollment in CUL 207 with instructor consent
Semester(s) Offered: Fall and Spring

Hospitality Management Courses

HOS 101 Intro to the Hospitality Industry (3)  3,0
This course will introduce the student to the broad world of Hospitality and Tourism and to the topics which will begin to prepare them for managerial careers in these fields. This course will introduce the following seven primary areas: Introduction/Overview, Historical Foundations, Food and Beverage, Lodging, Hospitality Management, Travel and Tourism, and Future Perspectives. (1.2) Proficiency Credit Available (2 IT) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Prerequisite:Reading: Grade of C or better in RDG 090 or LTC 099, or satisfaction of other placement criteria.
Semester(s) Offered: Fall, Spring and Summer

HOS 120 Servsafe/BASSET (1.5)  5,0
This course will provide students with the information needed to serve alcohol responsibly. Skills and competencies include understanding alcohol law and your responsibility, recognizing and preventing intoxication, checking identification and handling difficult situations. (1.2) Proficiency Credit Available (2 IE) Pass/No Credit Not Available.
In-District Tuition/Fees: $56 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Reading: Grade of C or better in RDG 090 or LTC 099, or satisfaction of other placement criteria. Math: Grade of C or better in MTH 90, or satisfaction of other placement criteria.
Semester(s) Offered: Fall and Spring

HOS 205 Hospitality Law (3)  3,0
This course provides an awareness of the rights and responsibilities that the law grants to or imposes upon a hotelkeeper, and illustrates the possible consequences of failure to satisfy legal obligations. (1.2) Proficiency Credit Available (2 ELT) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: HOS 101
Semester(s) Offered: Spring

HOS 212 Quantity Food Purchasing (3)  3,0
Emphasis will be placed on the selection and specification requirements for purchasing the major types of foods, beverages and non-food items. Principles of product identification, proper receiving methods, storing, issuing of inventory items and inventory control will be covered. (1.2) Proficiency Credit Available (2 EIT) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: HOS 101
Semester(s) Offered: Fall, Spring and Summer
HOS 214 Menu Design & Strategy (3) 3.0
This course will cover the basic aspect of menu planning, design and pricing, essential knowledge of proper advertising and merchandising in a modern food service facility. Menu analysis is an important part of successful food service management and will be emphasized during this course. This course will provide the student with an opportunity to create his or her own menu. (1.2) Proficiency Credit Available (2 EILT) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
Prerequisite: HOS 212 or concurrent enrollment in HOS 212 with consent of instructor
Semester(s) Offered: Fall and Spring

HOS 215 Hospitality Supervision (3) 3.0
This course will focus on the first line hospitality supervisor's application of management and motivation theory to the workplace. The use and application of job analysis, recruiting, selection, training, evaluation, discipline, planning, and problem solving will be discussed. (1.2) Proficiency Credit Available (2 EILT) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
Prerequisite: HOS 101
Semester(s) Offered: Fall, Spring and Summer

HOS 216 Beverage Management (3) 2.2
This course involves the systematic study of beverages. Emphasizing the use of beverages as a complement to food. Topics include: beverage equipment and bar setup, mixology, beer, wine and spirits. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $446 (effective 2020/21 academic year)
Prerequisite: (1) HOS 101 and; (2) HOS 120 or concurrent enrollment in HOS 120 or; (3) HOS 101 and consent of instructor
Semester(s) Offered: Spring

HOS 218 Food, Beverage & Labor Control (3) 3.0
This course focuses on the basic costing concepts for food, beverage and labor control system, analysis methods and correction. The student will be provided with the tools necessary to maintain sales and cost histories, develop systems for monitoring current activities and techniques required to anticipate future activities. (1.2) Proficiency Credit Available (2 EILT) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
Prerequisite: HOS 214 or concurrent enrollment in HOS 214 with consent of instructor
Semester(s) Offered: Fall and Spring

HOS 220 Restaurant Service and Operations (4) 1.9
The student in the dining room service course will participate in the operation of the student run restaurant. In this course it will be our goal to learn the skills required to provide quality service that will often exceed the guests’ service expectations. This class will prepare you to demonstrate competency and self-confidence when working in a variety of situations in a dining room. The "hands-on" experience of participating in the operation of the student run restaurant will provide skill training in customer service, table service, beverage service, service styles, dining room organization, communication skills, marketing and merchandising of the menu. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $553 (effective 2020/21 academic year)
Prerequisite: CUL 101 and HOS 120 or concurrent enrollment in HOS 120
Semester(s) Offered: Fall and Spring

HOS 225 Dining Room Management (6) 3.9
The student in the dining room management course will participate in the operation of the student run restaurant. This "hands-on" course will provide the student with practical experience in customer service and understanding of the manager's role and responsibility. This course will give the student a basic yet comprehensive knowledge of the different functions of the manager's job: planning, organizing, staffing, leading, controlling, and coordinating. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $817 (effective 2020/21 academic year)
Prerequisite: Grade of C or better in HOS 220 and BUS 120 or consent of instructor
Semester(s) Offered: Fall and Spring

HOS 230 Hospitality Management Internship (4) 0.0
This course is designed to give the student valuable hands-on experience by entering into a partnership with industry. Under the supervision of the faculty member and designated employer, the student will participate in the day-to-day operations of the selected food service site. Students are required to complete a total of 320 hours of work at the internship site. (1.2) Proficiency Credit Available (2 EFILMST) Pass/No Credit Not Available.
In-District Tuition/Fees: $528 (effective 2020/21 academic year)
Prerequisite: Grade of C or better in HOS 225
Semester(s) Offered: Fall, Spring and Summer
Pastry Arts Courses

PAS 101 Baking Fundamentals I (4) 1-6
Theory and technique of introductory baking skills needed in the culinary/baking field. Included will be basic concepts, units of measure, tools and ingredients. Discussions/demonstrations to include quick breads, beginning yeast breads, choux paste, pies, baked custards and tarts. (1.2) Proficiency Credit Available (2 TSIEH) Pass/No Credit Available.
In-District Tuition/Fees: $728 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in PAS 100 or CUL 100 or undergraduate or concurrent enrollment in HOS 100 and CUL 106
Semester(s) Offered: Fall and Spring

PAS 103 Baking Theory (1) 1.0
The goal of this class is to provide students with a solid theoretical and practical foundation in baking practices including bakers math, standardized recipes, ingredient selection and their functions. (1.2) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Prerequisite: Grade of C or better in RDG 090 or LTC 099, an ACT Reading score of 18 or above or an appropriate placement score. Grade of C or better BUS 120 or in MTH 090, an ACT math score of 23 or above, or an appropriate placement score.
Semester(s) Offered: Fall and Spring

PAS 104 Yeast Bread (6) 2.8
This specialized course will provide students with the intensified production of yeast products. The experience will include reading and interpreting yeast formulas, ingredient selection and theory behind yeast dough production. Specialty breads, Venisserie, Artisan, dough sculpture and regional products will be produced and discussed. (1.2) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $992 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in PAS 100 or CUL 100 or HOS 100 and CUL 106 or concurrent enrollment in HOS 100 and CUL 106
Semester(s) Offered: Fall and Spring

PAS 110 Baking Fundamentals II (6) 2.8
This course is a continuation of PAS 101 or 102 with an introduction to more elaborate baking and pastry products with an emphasis on perfecting the bakers’ techniques and productions skills. Focusing work on petit fours sec, mousse, crepes, cookies, puff pastry, beginning cake baking and decoration will also be covered. (1.2) Proficiency Credit Available (2 HTIES) Pass/No Credit Not Available.
In-District Tuition/Fees: $992 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in PAS 101 and PAS 103 or PAS 102
Semester(s) Offered: Fall and Spring

PAS 202 Patisserie & Confections I (6) 2.8
Introduction to European and advanced pastries and tortes with an emphasis on European cake assembly and decorating techniques. Low-fat cakes, European buttercreams, Bavarians and Charlottes, ganache, chocolate pipings, and confectionery production will be all covered in this course. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $992 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in PAS 180 or PAS 110
Semester(s) Offered: Fall and Spring

PAS 204 Decorative Pastry (6) 2.8
This course deals exclusively with centerpiece and artistic displays. Sugar pulling, sugar casting, chocolate centerpieces, chocolate boxes, marzipan, rolled fondant, pastillage, gum paste and wedding cakes will be taught through hands-on production. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $992 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in PAS 101
Semester(s) Offered: Spring

PAS 205 Pastry Internship (4) 0.0
This course is designed to give the student valuable hands-on experience by entering into a partnership with industry. The internship agreement will last for 320 hours. Under the supervision of a faculty member and designated employer, the student will participate in the day-to-day operations of the selected food service site. During the internship period, the student will be responsible for preparing three term papers relating to the specific operation, documented completion of hard and soft skills developed between the instructor and student and pastry portfolio. Upon completion of this course, the student’s performance will be evaluated by the employer. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $528 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in PAS 110 or PAS 202
Semester(s) Offered: Fall, Spring and Summer

PAS 220 Customer Service Operations (2) 0.6
Pastry students will gain the experience of customer service as they prepare, display and present both savory and pastry products for the on campus retail store. Students will practice the skills of customer interactions and service, controlling inventory, as well as perform moderate quantity production. Students will rotate through 3 different assigned areas during this course to gain valuable service operations skills. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $364 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in PAS 202.
Semester(s) Offered: Fall and Spring
PAS 280 Patisserie & Confections II (6) 2,8
This course is a continuation of PAS 202 with emphasis on entremets, ice cream and sorbets, plated dessert presentation, formulating ganaches and working with colored cocoa butters. (1.2) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $992 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Grade of C or better in PAS 202
Semester(s) Offered: Fall and Spring

Dental Assisting
A dental assistant is an important member of an efficient dental team providing valuable service to both the team members and the patient. An assistant aids and anticipates the needs of a dentist in intra-oral procedures, takes X-rays, prepares lab work, is responsible for disinfection/sterilization protocols, and can also perform office administration duties.

Elgin Community College's clinical dental assisting certificate program prepares students for this active role in dentistry through classroom, laboratory, and hands-on experiences in our high-tech, extraordinary facilities. Clinical practice begins in the final semester and continues for 336 hours in area general practice and specialty dental offices. Highly experienced dental professionals teach and supervise all on- and off-campus activities.

The ECC Dental Assisting Program has achieved the distinction of being accredited by the Commission on Dental Accreditation (CODA) of the American Dental Association (ADA). Accreditation allows ECC students to sit for the Dental Assisting National Board (DANB) examination to become certified dental assistants (CDA) as they complete the program. Certification is recognized throughout the country as a high level of professional competence.

In addition to the clinical dental assisting certificate, current students and currently working assistants are eligible take the DEA 113 Special Projects in Dental Assisting Special Projects class for expanded functions training in coronal polishing and pit and fissure sealants.

Accreditation
The Clinical Dental Assisting Program is accredited by Commission on Dental Accreditation, American Dental Association 211 East Chicago Avenue, Suite 1900 Chicago, IL 60611-2678 (800) 621-8099 ada.org/en/coda (http://ada.org/en/coda/)

Entrance Requirements
Score in the 12th percentile or better in each section of the PSB-HOA exam.

Qualified applicants from other districts may be considered if space is available. Go to elgin.edu/jointagreements (http://www.elgin.edu/jointagreements/) to learn more.

Admission Procedures
Admission to the program is selective. For more information, please see admission requirements (https://elgin.edu/academics/departments/dental-assisting/program-admissions/).

Program Requirements
Students must complete all required courses with grades of C or better to be eligible for graduation. Students must provide their own uniforms, safety glasses, and transportation to and from all clinical sites.

Policies and Procedures
Students admitted to the Dental Assisting Program may be required to attend an orientation before dental assisting classes begin.

Students applying to the Dental Assisting Program must complete a criminal background check and drug testing upon admission into the program. Students demonstrating a positive background check and/or positive drug screening will be denied admission to any health professions program.

Before attending clinical training, students must have the following documentation on file: negative drug test results, negative background check, completed medical form which includes proof of immunizations/titer results, proof of health insurance coverage, and proof of CPR certification.

Health professions students will be required to update their drug test, TB test/TB survey, and flu vaccine information on an annual basis. Students demonstrating a positive drug test will be dismissed from the health professions division. The standards, policies, and procedures of the Dental Assisting Program are published in the dental assisting student handbook. Copies of the student handbook may be obtained online at elgin.edu/dental (http://www.elgin.edu/dental/).

• Accurately record patient data
• Demonstrate dental aseptic techniques without cross contamination
• Assist chair-side for a variety of dental procedures
• Demonstrate proper use of dental instruments and 4-handed dentistry techniques
• Properly mix dental materials
• Define current dental terminology
• Display professional ethics in all areas of the dental office
• Demonstrate professional communication skills with regard to patients and the dental team

Clinical Dental Assisting - Vocational Specialist

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>DEA 101</td>
<td>Dental Assisting I</td>
<td>3</td>
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<tr>
<td>DEA 103</td>
<td>Dental Materials I</td>
<td>3</td>
</tr>
<tr>
<td>DEA 106</td>
<td>Dental Aseptic Techniques</td>
<td>3.5</td>
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<td>DEA 108</td>
<td>Chairside Dental Assisting I</td>
<td>3</td>
</tr>
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<td>BUS 101 or ENG 101</td>
<td>Business Communications or English Composition I</td>
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<td>CMS 101</td>
<td>Fundamentals of Speech</td>
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Total 18.5
Dental Assisting

Second Semester

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<td>Dental Radiography</td>
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<tr>
<td>DEA 111</td>
<td>Dental Assisting II</td>
<td>3</td>
</tr>
<tr>
<td>DEA 118</td>
<td>Dental Materials II</td>
<td>3</td>
</tr>
<tr>
<td>DEA 119</td>
<td>Dental Records and Communications</td>
<td>3</td>
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Third Semester

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<td>Clinical Practice II</td>
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Program Total: 41.5

Dental Office Aide - Basic Vocational Specialist

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<td>DEA 106</td>
<td>Dental Aseptic Techniques</td>
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<td>DEA 108</td>
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<td>3</td>
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Program Total: 12.5

Preclinical Dental Assisting - Basic Vocational Specialist

The awarding of this certificate is contingent upon the student first earning the Basic Vocational Specialist certificate in dental office aide.

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<th>Credit</th>
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<tr>
<td>DEA 107</td>
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<td>Dental Assisting II</td>
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<td>DEA 118</td>
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<td>DEA 119</td>
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Program Total: 15

All DEA courses numbered 100 and above may be applied to the major field and elective requirement in the Associate in Arts and Associate in Science degrees.

Special Note: A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Dental Assisting (DEA) program. For more information please refer to elgin.edu/dental (https://elgin.edu/dental/).

DEA 101 Dental Assisting I (3)  2,2
Introductory course to dental assisting. Tooth anatomy, both primary and permanent teeth, are included as well as a survey of head and neck anatomy. Bones, muscles, glands, blood vessels and nerves are studied as they relate to the functional dentition and the jaw joint. Fetal development of the face is included. A limited microbiology section is also included. The lab includes crown carving, myofunctional theories and cephalometric tracings. (1.2) Proficiency Credit Available Pass/No Credit Not Available

www.elgin.edu/dental (http://www.elgin.edu/dental/)

SPECIAL NOTE: Explore the dental assisting program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Dental Assisting (DEA) program. For more information please refer to elgin.edu/dental (http://elgin.edu/dental/).

In-District Tuition/Fees: $455 (effective 2020/21 academic year)

DEA 103 Dental Materials I (3)  2,2
This course deals with the chemical, physical and mechanical concepts of gypsum, hydrocolloids, dental filling materials and periodontal packs. Emphasis will be placed on developing manipulative skills necessary to carry out laboratory and chairside procedures. (1.2) Proficiency Credit Available (2 MTS) Pass/No Credit Not Available

www.elgin.edu/dental (http://www.elgin.edu/dental/)

SPECIAL NOTE: Explore the dental assisting program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

In-District Tuition/Fees: $606 (effective 2020/21 academic year)

DEA 107 Dental Radiography (3)  2,2

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Dental Assisting (DEA) program. For more information please refer to elgin.edu/dental (http://elgin.edu/dental/).

In-District Tuition/Fees: $598 (effective 2020/21 academic year)

DEA 111 Dental Assisting II (3)  2,2

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Dental Assisting (DEA) program. For more information please refer to elgin.edu/dental (http://elgin.edu/dental/).

In-District Tuition/Fees: $598 (effective 2020/21 academic year)

DEA 118 Dental Materials II (3)  2,2

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Dental Assisting (DEA) program. For more information please refer to elgin.edu/dental (http://elgin.edu/dental/).

In-District Tuition/Fees: $598 (effective 2020/21 academic year)

DEA 119 Dental Records and Communications (3)  2,2

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Dental Assisting (DEA) program. For more information please refer to elgin.edu/dental (http://elgin.edu/dental/).

In-District Tuition/Fees: $598 (effective 2020/21 academic year)

DEA 120 Chairside Dental Assisting II (3)  2,2

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Dental Assisting (DEA) program. For more information please refer to elgin.edu/dental (http://elgin.edu/dental/).

In-District Tuition/Fees: $598 (effective 2020/21 academic year)

Prerequisite: Concurrent enrollment in DEA 101

Semester(s) Offered: Fall and Spring
DEA 106 Dental Aseptic Techniques (3.5) 2,3
This course is designed for the dental assisting major and will cover methods used for disinfection, sterilization, prevention of crosscontamination and techniques used to prevent personnel infection. Heavy emphasis will be placed on the use of equipment and chemicals. Methods to sterilize individual groups of instruments will be studied. (1.2) Proficiency Credit Available (2 MTS) Pass/No Credit Not Available
www.elgin.edu/dental (http://www.elgin.edu/dental/)

SPECIAL NOTE: Explore the dental assisting program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Dental Assisting (DEA) program. For more information please refer to elgin.edu/dental (http://elgin.edu/dental/).

In-District Tuition/Fees: $582 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Concurrent enrollment in DEA 101
Semester(s) Offered: Fall and Spring

DEA 107 Dental Radiography (3) 2,2
Techniques involved in exposing, processing and mounting dental x-rays. Two techniques are taught: the paralleling and the bisecting angle. Stress is placed upon radiation safety for the operator and patient. Anatomy of the bony structures radiographed as well as history and physics of radiography will be covered. All work will be completed on manikins. (1.2) Proficiency Credit Available Pass/No Credit Not Available
www.elgin.edu/dental (http://www.elgin.edu/dental/)

SPECIAL NOTE: Explore the dental assisting program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Dental Assisting (DEA) program. For more information please refer to elgin.edu/dental (http://elgin.edu/dental/).

In-District Tuition/Fees: $631 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in DEA 101 or consent of instructor
Semester(s) Offered: Fall and Spring

DEA 108 Chairside Dental Assisting I (3) 2,2
Practical experience is given in chairside procedures of general dentistry. Procedures for tooth restoration and cleaning are covered. Skills taught include equipment use and care, aseptic techniques, charting, saliva control, instrument transfer, sharpening, and identification. (1.2) Proficiency Credit Available Pass/No Credit Not Available
www.elgin.edu/dental (http://www.elgin.edu/dental/)

SPECIAL NOTE: Explore the dental assisting program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Dental Assisting (DEA) program. For more information please refer to elgin.edu/dental (http://elgin.edu/dental/).

In-District Tuition/Fees: $501 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Concurrent enrollment in DEA 101, DEA 103 and DEA 106
Semester(s) Offered: Fall and Spring

DEA 111 Dental Assisting II (3) 2,2
Presents concepts of first aid, community dentistry, dental pathology, and pharmacology including: Diet and nutrition, fluoridation, and patient education. First aid as it applies to the dental office is also stressed. (1.2) Proficiency Credit Available (2 MTS) Pass/No Credit Not Available
www.elgin.edu/dental (http://www.elgin.edu/dental/)

SPECIAL NOTE: Explore the dental assisting program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Dental Assisting (DEA) program. For more information please refer to elgin.edu/dental (http://elgin.edu/dental/).

In-District Tuition/Fees: $421 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in DEA 101
Semester(s) Offered: Fall and Spring
DEA 113 Special Projects in Dental Assisting (1) 0,2
Remedial or advanced projects in either chairside assisting or dental radiography will be undertaken. Advanced projects in dental radiography include occlusal and oblique angle projections, pedodontic and extra oral techniques. Advanced projects in chairside assistance including six-handed, sit-down dentistry and chairside assisting for the dental specialties. Clinical evaluations and a project report will be required. Advanced work in dental biology can also be undertaken. Repeatable to three credits. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available
www.elgin.edu/dental (http://www.elgin.edu/dental/)

SPECIAL NOTE: Explore the dental assisting program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Dental Assisting (DEA) program. For more information please refer to elgin.edu/dental (http://elgin.edu/dental/).
In-District Tuition/Fees: $157 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in DEA 103 or concurrent enrollment in DEA 111 or consent of instructor
Semester(s) Offered: Fall and Spring

DEA 118 Dental Materials II (3) 2,2
This course is a continuation of Dental Materials I. Concepts applied to prosthetic dental impression materials are covered as well as acrylic materials and metals. Emphasis will be placed on manipulative techniques and their use in general dentistry. (1.2) Proficiency Credit Available (2 MTS) Pass/No Credit Not Available
www.elgin.edu/dental (http://www.elgin.edu/dental/)

SPECIAL NOTE: Explore the dental assisting program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Dental Assisting (DEA) program. For more information please refer to elgin.edu/dental (http://elgin.edu/dental/).
In-District Tuition/Fees: $586 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in DEA 101 and DEA 108
Semester(s) Offered: Fall and Spring

DEA 119 Dental Records and Communications (3) 2,2
The policies and procedures for all dental office clinical and financial records are discussed. Compilation and recording of data, correspondence with responsible third parties, and filing and storage of records are included. Appointments, bookkeeping procedures, inventory control, telephone techniques, banking procedures, and financial arrangements are covered. Also included are: Interviewing skills, health and grooming, ethics, and history of dentistry. A major part of the course includes effective patient communication. (1.2) Proficiency Credit Available (2 MT) Pass/No Credit Not Available
www.elgin.edu/dental (http://www.elgin.edu/dental/)

SPECIAL NOTE: Explore the dental assisting program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Dental Assisting (DEA) program. For more information please refer to elgin.edu/dental (http://elgin.edu/dental/).
In-District Tuition/Fees: $496 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Acceptance into DEA program
Semester(s) Offered: Fall and Spring

DEA 120 Chairside Dental Assisting II (3) 2.5,1.5
Indepth classroom and laboratory experiences in chairside dental assisting procedures for the specialties of dentistry. Endodontics, Oral and Maxillofacial Surgery, Orthodontics, Pediatric Dentistry, and Periodontics will be emphasized. (1.2) Proficiency Credit Available (2 MTS) Pass/No Credit Not Available
www.elgin.edu/dental (http://www.elgin.edu/dental/)

SPECIAL NOTE: Explore the dental assisting program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Dental Assisting (DEA) program. For more information please refer to elgin.edu/dental (http://elgin.edu/dental/).
In-District Tuition/Fees: $471 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Acceptance into DEA program
Semester(s) Offered: Fall and Spring
DEA 123 Clinical Practice I (4)  
.5,10.5
Application of theories and skills taught in the classroom to clinical surroundings of two general practice offices. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/dental (http://www.elgin.edu/dental/)

SPECIAL NOTE: Explore the dental assisting program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Dental Assisting (DEA) program. For more information please refer to elgin.edu/dental (http://elgin.edu/dental/).

In-District Tuition/Fees: $528 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Prerequisite: Grade of C or better in DEA 107 and DEA 120 or; (2) consent of instructor

Semester(s) Offered: Fall, Spring and Summer

DEA 124 Clinical Practice II (4)  
.5,10.5
Application of theories and skills taught in the classroom and lab to the clinical surroundings of two or three different specialties. Student affiliations can include: oral and maxillofacial surgery, orthodontics, periodontics and pediatric dentistry. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/dental (http://www.elgin.edu/dental/)

SPECIAL NOTE: Explore the dental assisting program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Dental Assisting (DEA) program. For more information please refer to elgin.edu/dental (http://elgin.edu/dental/).

In-District Tuition/Fees: $528 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Grade of C or better in DEA 107 and DEA 120 or; (2) consent of instructor

Semester(s) Offered: Fall, Spring and Summer

Education - Early Childhood

ECC's early childhood education programs prepare students to work as child care workers or child care directors. The Associate of Applied Science degree in education/early childhood education is approved for the Gateways for Illinois Director Credential Level 1, Infant/Toddler Credential, and the ECE Credential Levels 2-4. This means the college is authorized to offer the courses approved by the Gateways to Opportunity within the education/early childhood education degree and to certify students who have met all requirements of the IDC Level 1, Infant/Toddler, ECE Levels 2-4, and ESL/Bilingual. The credential recognizes colleges that are operating at a high level of quality in all areas of knowledge and experience, while establishing a high standard of professionalism in the child care field.

Accreditation

The Early Childhood Education Program has the Illinois Director's Credential Level I, Infant/Toddler credential, and the ECE Credentials Level 2-4 through Gateways for Illinois.

Entrance Requirements

None

Program Requirements

Students must provide their own transportation to and from all field experience sites. Early childhood students must pass the Illinois Department of Children and Family Services fingerprinting and background check prior to enrolling in ECE 201 Field Experience I & Seminar.

- Apply knowledge of child development to create appropriate learning environments for young children.
- Create relationships that respect and support families.
- Use authentic assessments to help discern the needs of young children.
- Use developmentally appropriate practices to positively influence each child’s development and learning.
- Design curriculum that promotes the needs of all young children.
- Demonstrate reflective practices about one’s own personal and professional development.
- Critique the quality of a variety of early childhood settings.
- Maintain habit of approaching all stakeholders, content and settings through a lens of awareness and sensitivity to diverse backgrounds and needs.

Education - Early Childhood - Associate of Applied Science

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Semester</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECE 102</td>
<td>Introduction to Early Childhood Ed</td>
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</tr>
<tr>
<td>ECE 124</td>
<td>Curriculum Planning/Young Child</td>
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</tr>
<tr>
<td>Required Communications Course (p. 192)</td>
<td>3</td>
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<tr>
<td>Required Liberal Education Course (p. 192)</td>
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<td></td>
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<tr>
<td>Early Childhood Elective</td>
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<tr>
<td>Second Semester</td>
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<tr>
<td>ECE 100</td>
<td>Health, Safety, Nutrition/Young Child</td>
<td>3</td>
</tr>
<tr>
<td>ECE 174</td>
<td>Child Growth and Development</td>
<td>3</td>
</tr>
<tr>
<td>CMS 101</td>
<td>Fundamentals of Speech</td>
<td>3</td>
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<td>Required Communications Course (p. 192)</td>
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<td>Third Semester</td>
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<tr>
<td>ECE 220</td>
<td>Child, Family and Community</td>
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<tr>
<td>ECE 201</td>
<td>Field Experience I &amp; Seminar</td>
<td>3</td>
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<td>Required Social/Behavioral Sciences Course</td>
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<td>Early Childhood Electives</td>
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<td>Fourth Semester</td>
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<tr>
<td>ECE 202</td>
<td>Field Experience II &amp; Seminar</td>
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<tr>
<td>ECE 224</td>
<td>Exceptional Young Children</td>
<td>3</td>
</tr>
<tr>
<td>Required Math Course</td>
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<td></td>
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Early Childhood Electives

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>ECE 106</td>
<td>Experiential Learning in Ece</td>
<td>1-3</td>
</tr>
<tr>
<td>ECE 114</td>
<td>Infant-Toddler Care</td>
<td>3</td>
</tr>
<tr>
<td>ECE 121</td>
<td>Math &amp; Science for the Young Child</td>
<td>3</td>
</tr>
<tr>
<td>ECE 150</td>
<td>Child Guidance Practices I</td>
<td>3</td>
</tr>
<tr>
<td>ECE 215</td>
<td>Child Care Administration</td>
<td>3</td>
</tr>
<tr>
<td>EDN 100</td>
<td>Introduction to Education</td>
<td>3</td>
</tr>
<tr>
<td>EDN 112</td>
<td>Technology in Education</td>
<td>3</td>
</tr>
<tr>
<td>EDN 201</td>
<td>Intro to Cross-Cultural Educ.</td>
<td>3</td>
</tr>
<tr>
<td>ECE 226</td>
<td>Methods of Bilingual &amp; ESL Education</td>
<td>3</td>
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</table>

Social/Behavioral Sciences Requirement

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>PSY 100</td>
<td>Intro to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 100</td>
<td>Principles of Sociology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 210</td>
<td>Marriage and Family</td>
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Math Requirement

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>MTH 104</td>
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<tr>
<td>MTH 110</td>
<td>Math for Elementary Teaching I</td>
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<tr>
<td>BUS 120</td>
<td>Business Mathematics</td>
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Education - Early Childhood - Vocational Specialist

Early Childhood Education Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>Take each of the following:</td>
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<tr>
<td>ECE 174</td>
<td>Child Growth and Development</td>
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</tr>
<tr>
<td>ECE 100</td>
<td>Health,Safety,Nutrition/Young Child</td>
<td></td>
</tr>
<tr>
<td>ECE 220</td>
<td>Child, Family and Community</td>
<td></td>
</tr>
<tr>
<td>ECE 102</td>
<td>Introduction to Early Childhood Ed</td>
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</tr>
<tr>
<td>ECE 124</td>
<td>Curriculum Planning/Young Child</td>
<td></td>
</tr>
<tr>
<td>ECE 224</td>
<td>Exceptional Young Children</td>
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Communication Courses

<table>
<thead>
<tr>
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<th>Title</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>Select two of the following:</td>
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<tr>
<td>ENG 101</td>
<td>English Composition I</td>
<td></td>
</tr>
<tr>
<td>ENG 102</td>
<td>English Composition II</td>
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<tr>
<td>BUS 101</td>
<td>Business Communications</td>
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<tr>
<td>BUS 142</td>
<td>Report Writing</td>
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Social/Behavioral Sciences Course

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select one of the following:</td>
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<td></td>
</tr>
<tr>
<td>PSY 100</td>
<td>Intro to Psychology</td>
<td></td>
</tr>
<tr>
<td>SOC 100</td>
<td>Principles of Sociology</td>
<td></td>
</tr>
<tr>
<td>SOC 210</td>
<td>Marriage and Family</td>
<td></td>
</tr>
</tbody>
</table>

Math Course

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select one of the following:</td>
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<td></td>
</tr>
<tr>
<td>MTH 104</td>
<td>General Education Mathematics</td>
<td></td>
</tr>
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EDN 102 Intro to Paraprofessional Education (3)  3.0
The Introduction to Paraprofessional Education course provides an overview of the paraprofessional position, role and responsibilities. This course will prepare participants for career as a paraprofessional educator, instructional aide or teacher assistant. Participants will identify instructional strategies, classroom management, cross-cultural, exceptional, legal and ethical perspectives in paraprofessional education. (1.2) Proficiency Credit: Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall and Spring

EDN 103 Paraprofessional Clinical Experience (2)  2.0
This course provides opportunity for observation or clinical experience in preK -12 settings for students who want to pursue a paraprofessional career. This course offers 35-40 hours of hands-on experience through, shadowing, service learning, tutoring, before and after school learning experiences. This course will meet as needed on campus for preparing, processing and reflecting upon pre-clinical experience. Special Note: Students enrolled in this course may be required to complete a background check/fingerprinting process in order to participate in the clinical component of the course. Students will be responsible for any fee charged,(1.2) Proficiency Credit: Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in EDN 102
Semester(s) Offered: Fall and Spring

EDN 105 Art in the Classroom (3)  3.0
Students will explore the practical applications for art and creative activities in both a specific and general elementary education curriculum. The course is designed to increase understanding of the child and his/her creative work at various stages of development. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.
Semester(s) Offered: Fall

EDN 112 Technology in Education (3)  3.0
This course introduces students to the knowledge and skills required to demonstrate their proficiency in instructional technology. The course focuses on both knowledge and performance, and includes hands-on technology activities. Course is repeatable two times for total of 9 credits. Only three credit hours may apply toward a degree or certificate. (1.1) Proficiency Credit: Available (3 ST) Pass/No Credit Not Available.
In-District Tuition/Fees: $416 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.
Semester(s) Offered: Fall and Summer

EDN 128 Music for the Elementary Teacher (3)  3.0
Students learn various methodologies as well as musical concepts involving music literacy to adapt their knowledge to the classroom setting. The course explores basic music structures from different cultures with practical applications in the elementary school setting. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.
Semester(s) Offered: Spring

EDN 201 Intro to Cross-Cultural Educ. (3)  3.0
This course is designed to increase the student's awareness of other cultures, other perspectives, and his/her own involvement in the global community. The course will also concentrate on the study of effective teaching strategies and resources for multi-cultural teaching. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.
Semester(s) Offered: Fall and Spring

EDN 203 Foundations in Bilingual Education (3)  3.0
This course provides the fundamentals of bilingual education through the understanding of language and cultural diversity in schools and communities from a historical, political, philosophical, legal, pedagogical, and sociocultural perspectives. This course introduces instructional models and theories of language acquisition process in bilingual and ESL classrooms. (1.1) Proficiency Credit: Not Available Pass/No Credit: Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria.
Semester(s) Offered: Fall and Spring
EDN 204 Exceptional Individual (3)  3,0
A survey course that presents the historical, philosophical and legal foundations of special education, as well as an overview of the characteristics of individuals with disabilities, the programs that serve them under the Individuals with Disabilities Act, and the diversity of the populations of individuals with disabilities. A 30 hour clinical component is required for this course. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/universitytransfer (http://www.elgin.edu/universitytransfer/)

Students enrolled may be required to complete a background check/ fingerprinting process in order to participate in the clinical component of this class. Students will be responsible for any fee charged. .
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in EDN 100 or consent of instructor
Semester(s) Offered: Fall, Spring and Summer

EDN 211 Pre-Student Teaching Clinical Exp. (2)  1,2
Documented clinical experience involving observation of and interaction with children and practitioners at work, according to specified guidelines, within the appropriate subject matter and age category. The experience, comprising of a minimum of 30-50 hours, is planned, guided, and evaluated by both a college supervisor and a teacher on-site. The experience can occur in a variety of educational settings. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/universitytransfer (http://www.elgin.edu/universitytransfer/)

Students enrolled in this course may be required to complete a background check/fingerprinting process. Students will be responsible for any fee charged. .
In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in EDN 204 Recommended: Completion of PSY 211 prior to enrollment
Semester(s) Offered: Fall and Spring

EDN 215 Literacy in Education (3)  3,0
This course is an introduction to theory and practice in literacy and language development: speaking, listening, reading and writing. It examines theoretical framework and classroom application for diverse learners. This course provides an introduction to English Language Arts Common Core State Standards. This course is for anyone interested in becoming a teacher or working with children language and literacy. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: EDN 100
Semester(s) Offered: Fall and Summer

EDN 233 Special Topics in Education (.5)  .5,0
Designed to satisfy specific needs or interests of those in the education field. The topics will cover the life long learning that is necessary for educators and will reflect the rapidly changing skills and knowledge required to function in today's education settings. The following guidelines are to be used in selecting topics: 1) adequate and available material on specific topic; 2) comprehensive outlines for each topic; and 3) course should be designed to meet the needs of those practicing in the field. Course is repeatable to two credits. (1.1) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $66 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Varies

EDN 234 Special Topics in Education (1)  1,0
Designed to satisfy specific needs or interests of those in the education field. The topics will cover the life long learning that is necessary for educators and will reflect the rapidly changing skills and knowledge required to function in today's education settings. The following guidelines are to be used in selecting topics: 1) adequate and available material on specific topic; 2) comprehensive outlines for each topic; and 3) course should be designed to meet the needs of those practicing in the field. Course is repeatable to four credits. (1.1) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Varies

EDN 235 Special Topics in Education (2)  2,0
Designed to satisfy specific needs or interests of those in the education field. The topics will cover the life long learning that is necessary for educators and will reflect the rapidly changing skills and knowledge required to function in today's education settings. The following guidelines are to be used in selecting topics: 1) adequate and available material on specific topic; 2) comprehensive outlines for each topic; and 3) course should be designed to meet the needs of those practicing in the field. Course is repeatable to eight credits. (1.1) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Varies
EDN 236 Special Topics in Education (3)  3.0
Designed to satisfy specific needs or interests of those in the education field. The topics will cover the life long learning that is necessary for educators and will reflect the rapidly changing skills and knowledge required to function in today's education settings. The following guidelines are to be used in selecting topics: 1) adequate and available material on specific topic; 2) comprehensive outlines for each topic; and 3) course should be designed to meet the needs of those practicing in the field. Course is repeatable to 12 credits. (1.1) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Varies

EDN 237 Special Topics in Education (4)  4.0
Designed to satisfy specific needs or interests of those in the education field. The topics will cover the life long learning that is necessary for educators and will reflect the rapidly changing skills and knowledge required to function in today's education settings. The following guidelines are to be used in selecting topics: 1) adequate and available material on specific topic; 2) comprehensive outlines for each topic; and 3) course should be designed to meet the needs of those practicing in the field. Course is repeatable to 16 credits. (1.1) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $528 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Varies

Education - Early Childhood Courses

All ECE courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.

ECE 100 Health, Safety, Nutrition/Young Child (3)  3.0
This course provides an overview of the health, safety and nutritional needs of young children and early childhood practices to ensure the health and well-being of each child in a group setting. Content includes roles and responsibilities of adults in meeting children's diverse needs, the promotion of healthy life style practices, understanding common childhood illnesses and injuries, meeting health, nutrition and safety standards, and planting nutritious meals that are appropriate for each child. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $411 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall and Spring

ECE 102 Introduction to Early Childhood Ed (3)  3.0
This survey course provides an overview of early childhood care and education including historical and cultural perspectives, organization, structure, programming, and evidence-based practices. Professional and evidence-based practices of highly-qualified early childhood educators are outlined with an emphasis on their ability to enhance development and learning of each and every child between the ages of birth and eight. Considerations for diversity of culture, language, race, socioeconomic status, gender, ethnicity, and ability will be included. Students will spend a minimum of 15 hours of observation in diverse early childhood settings. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall and Spring

ECE 106 Experiential Learning in Ece (3)  0.15
This course is designed to promote growth and development as a professional in early childhood education. The student will create a project in consultation with the instructor that is related to their early childhood education study. Verification and reflection of learning will be assessed by the instructor. This course will be taught as an independent study. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available
NOTE: This is an elective course in the Early Childhood Education program.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Consent of Instructor
Semester(s) Offered: Fall, Spring and Summer

ECE 114 Infant-Toddler Care (3)  3.0
The patterns of growth and development in the child from birth to 3 years will be studied. The specific needs of infants and toddlers in various child care settings will be examined, with current research being considered. Students will have the opportunity to develop skills in managing a safe environment while providing stimulating activities at appropriate levels. Experience in ECC's infant-toddler room is required. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Consent of Instructor
Semester(s) Offered: Fall, Winter, Spring, Summer

ECE 121 Math & Science for the Young Child (3)  3.0
Introduction to basic concepts in math and science for young children. Emphasis on the learning process as well as the acquisition of information. Examine methods of learning through explanation and discovery. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $411 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall, Winter, Spring, Summer
ECE 124 Curriculum Planning/Young Child (3)  3,0
The principles involved in planning, implementing and evaluating developmentally appropriate, evidence-based curriculum for young children are studied. The course focuses on relationships among developmental theory, philosophy, practice, and development of curriculum based on the needs and interests of young children including those who are culturally, linguistically, and ability diverse. The analysis of a wide range of early childhood curriculum models is emphasized. (1.2) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $411 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring

ECE 150 Child Guidance Practices I (3)  3,0
Students will study the basic theory and practice for guiding toddlers? and children?s behavior. The emphasis will be on helping students utilize preventive techniques to eliminate and minimize discipline situations. Positive methods in helping children develop positive self-concepts will be stressed. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Varies

ECE 174 Child Growth and Development (3)  3,0
This course provides an overview of the theory and principles of human growth and development from conception through adolescence. Content includes an in-depth study of the interrelatedness of physical, cognitive, social and emotional aspects of development. Development is studied in the context of family, culture, environment, and society. Special emphasis will be on the theories of Piaget, Vygotsky, Erikson, and Gardner. (1.2) IAI Major: ECE 912 Proficiency Credit Not Available Pass/No Credit Available NOTE: Encompassing prenatal through age eight and may include pre-adolescents.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

ECE 202 Field Experience II & Seminar (3)  0,10
Training is a supervised opportunity for the student to have firsthand experience in an institutional setting that meets his/her area of interest. In this setting, it is expected that the student will develop proficiency and display the skills required to perform adequately on-the-job. (1.2) Proficiency Credit Available (2 IE) Pass/No Credit Not Available NOTE: One hundred fifty (150) hours of on-site work is required as well as weekly class sessions with instructor. Students should have a Grade of C or better in the last three ECE courses prior to taking this course.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Consent of instructor
Semester(s) Offered: Fall, Spring and Summer

ECE 215 Child Care Administration (3)  3,0
This is an advanced level course designed to equip students with an understanding of issues and skills related to effective administration of day care facilities which care for young children. The student will learn basic organizational skills and management techniques which will enhance the student's understanding and ability in the area of administration. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Spring

ECE 220 Child, Family and Community (3)  3,0
This course focuses on the diverse needs of the child within the context of family, school and community. The course will examine the interplay of diverse cultures, lifestyles, abilities, language and communication with the role of the early childhood environment and other community institutions. Students will gain an understanding of their professional role in supporting evidence-based practices that strengthen respectful, collaborative family/child partnerships through effective use of community and family resources. (1.2) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring

ECE 224 Exceptional Young Children (3)  3,0
Presents an overview of critical elements related to educating young children with disabilities in the early childhood setting. Topics include the following: normal/exceptional developmental differences, the effects of exceptional learning challenges, inclusive environments, legislation, partnerships with families, IFSP/IEP process, managing behaviors and understanding transitions to support inclusion. (1.1) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in ECE 102
Semester(s) Offered: Fall
ECE 226 Methods of Bilingual & ESL Education (3)  3.0
This course will examine culturally and linguistically responsive pedagogy. Students will learn to implement key strategies to help support multilingual and multicultural students in ways that value bilingualism and biliteracy. Students will use best instructional practices to integrate language, culture, and identity into pedagogical methods. Students will develop and maintain respectful, positive relationships with all children and families in ways that are responsive to language and cultural differences. (1.2) Proficiency Credit: Not Available Pass/No Credit: Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in ECE 102 or consent of instructor.
Semester(s) Offered: Spring

Emergency Services - Emergency Medical Technology - Paramedic

ECC's emergency services training programs are designed to teach the fundamentals of several emergency services disciplines.

Emergency services programs train firefighters, emergency dispatchers, and emergency medical technicians—basic and paramedic. These programs are designed to provide students with the knowledge and skills to succeed in their chosen disciplines, including fire science and safety (FSS), emergency medical technician-basic (EMT-B), emergency medical technician-paramedic (EMT-P), and emergency dispatcher (PSC). Students acquire specialized knowledge and skills from current emergency services practitioners. Emergency services training programs also benefit veteran emergency services professionals needing to update their skills and education. All training received within ECC's emergency services training programs complies with local, state, and national certifying agencies; this enables graduates to obtain job-ready certifications.

Accreditation
The Emergency Medical Technician-Paramedic (EMT-P) program is approved by the Illinois Department of Public Health (IDPH). AMITA St. Joseph Hospital and Advocate/Sherman Hospital have obtained accreditation through the Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP).

Entrance Requirements
- Age 18 years or older
- High school graduate/equivalent
- Current Illinois EMT-B license
- Minimum six months experience as an EMT-B
- Written agreement with an ALS agency for field experience

Additional Requirements
- Score 75 percent or better on the paramedic training written entrance exam.
- Score in the 25th percentile or better in each section of the PSB-HOA exam.

Note: PSB-HOA testing information may be found at elgin.edu/testing (http://elgin.edu/testing/). PSB-HOA scores are valid for two years after the testing date.

Admission to the emergency medical technology-paramedic program is selective. Preference is given to candidates employed/sponsored by departments in IDPH EMS Region IX. Qualified applicants from other departments may be considered if space is available. Go to elgin.edu/jointagreements (http://www.elgin.edu/jointagreements/) to learn more.

Admission Procedures
Applicants must submit the following items to the ECC Records Office:
- ECC application
- Official high school transcript or high school equivalency certificate
- Current Illinois EMT-B license
- Age 18 years or older
- Written agreement with an ALS agency for field experience
- Minimum six months experience as an EMT-B
- Current Social Security number to be screened for placement on the Illinois Health Care Worker Background Check Registry. Students must be listed on this registry to be eligible to complete required clinical training. Students demonstrating a positive background check will be denied admission to the EMT-P program. A valid Social Security number is also required to apply for licensing/certification exams.

Before attending clinical training, students must have the following documentation on file: negative drug test results, proof of immunizations/titer results, proof of health insurance coverage, and proof of health care provider CPR certification.

EMT-P students must update their drug test, TB test, and flu vaccine on an annual basis. Students demonstrating a positive drug test will be dismissed from the EMT-P program.

The standards, policies, and procedures of the EMT-P program are published in the EMT-P student handbook. Copies of the handbook may be obtained from participating hospitals.

- Demonstrate a comprehensive understanding of fire service routine non-emergency activities and operations.
- Identify, analyze, and apply proactive fire prevention and comprehensive community risk reduction programs, in order to provide safe and cost effective fire protection.
- Identify and analyze various types of building construction for adverse effects by fire, appropriate suppression methodology, and risk to firefighters.
• Identify and apply reactive fire, hazardous materials, and emergency medical services scene operations in order to provide safe and cost effective emergency services.
• Identify and apply contemporary fire service tactics and strategy in a reactive manner which supports safe and cost effective incident mitigation.
• Analyze and apply contemporary leadership, management, and administrative practices in emergency services.
• Identify and apply a comprehensive knowledge of fire service hydraulics to solve water supply problems for fire protection.
• Analyze contemporary approaches to fire detection and protection systems.
• Analyze and apply a comprehensive knowledge of emergency medical services at the Emergency Medical Technician, Basic level.
• Analyze and respond to contemporary emergency services legal concerns.
• Demonstrate the ability to effectively communicate in written and oral forms consistent with the requirements of contemporary emergency services.
• Identify and apply contemporary emergency service instructional methodologies.
• Create an understanding of the National Fire Academy FESHE recognized fire training program.

Emergency Medical Technology - Paramedic - Basic Vocational Specialist

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<td>EMT 121</td>
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<td>EMT 123</td>
<td>Paramedic III</td>
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<td>EMT 124</td>
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<td>EMT 133</td>
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Emergency Medical Technology - Paramedic Courses

All EMT courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.

EMT 121 Paramedic I (6)  5,3
This course encompasses the training of paramedics in the areas of their role, medical/legal considerations, ethics, EMS Systems, personal wellness, injury prevention, general patient assessment, communications, documentation, assessment based management, and life span development. The paramedic student will also learn recognition and treatment of respiratory insufficiency. This course will consist of classroom theory and concurrent laboratory and clinical experience in simulated situation, hospital and pre-hospital settings. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

SPECIAL NOTE: A criminal background check, and drug test are required for the Emergency Medical Technology(EMT) program. For more information please refer to elgin.edu/emt (http://elgin.edu/emt/).

In-District Tuition/Fees: $992 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Current certification as an EMT-B or I and acceptance into the EMT-P program
Semester(s) Offered: Fall

EMT 122 Paramedic II (6)  5,3
This course encompasses the training of paramedics in the areas of pathophysiology, pharmacology, venous access, medication administration, and specific medical emergencies including those involving pulmonary, cardiology, neurology, endocrinology, toxicology, and hematology diseases. This course will consist of classroom theory and concurrent laboratory and clinical experience in simulated situations, the hospital and out in the field. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

SPECIAL NOTE: A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Emergency Medical Technology(EMT) program. For more information please refer to elgin.edu/emt (http://elgin.edu/emt/).

In-District Tuition/Fees: $992 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in EMT 121 or concurrent enrollment in EMT 121; EMT 121 should be taken prior to EMT 122 in the same semester
Semester(s) Offered: Fall
EMT 123 Paramedic III (6) 5,3
This course encompasses the training of paramedics in the handling of emergencies relative to infectious and communicable diseases, allergies and anaphylaxis, obstetrics, neonatology, pediatrics, geriatrics, special challenges patients and home health care patients. This course consists of classroom theory and concurrent laboratory/clinical experience in simulated situations, the hospital, and out in the field. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

SPECIAL NOTE: A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Emergency Medical Technology (EMT) program. For more information please refer to elgin.edu/emt/.

In-District Tuition/Fees: $992 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Grade of C or better in EMT 122
Semester(s) Offered: Spring

EMT 124 Paramedic IV (6) 5,3
This course encompasses the training of paramedics in the area of trauma emergencies. It includes the kinetics of trauma, head, neck and spinal injury, body cavity trauma, musculoskeletal injuries, soft tissue trauma, burns, shock, and trauma resuscitation. This course consists of classroom theory and concurrent laboratory/clinical experience in simulated situations, the hospital and out in the field. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

SPECIAL NOTE: A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Emergency Medical Technology (EMT) program. For more information please refer to elgin.edu/emt/.

In-District Tuition/Fees: $992 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Grade of C or better in EMT 123 or concurrent enrollment in EMT 123; EMT 123 should be taken prior to EMT 124 in the same semester
Semester(s) Offered: Spring

EMT 133 Paramedic Seminar (4.5) 3.5,3
This course will familiarize the paramedic student with ambulance operations, medical incident command, rescue awareness and operations, hazardous materials incidents, crime scene awareness and weapons of mass destruction preparedness. This course will consist of classroom theory and concurrent laboratory and clinical experience in simulated situations, hospital, and prehospital settings. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

SPECIAL NOTE: A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Emergency Medical Technology (EMT) program. For more information please refer to elgin.edu/emt/.

In-District Tuition/Fees: $794 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Grade of C or better in EMT 124
Semester(s) Offered: Summer

Emergency Services - Fire Science and Safety

ECC's emergency services training programs are designed to teach the fundamentals of several emergency services disciplines.

Emergency services programs train firefighters, emergency dispatchers, and emergency medical technicians—basic and paramedic. These programs are designed to provide students with the knowledge and skills to succeed in their chosen disciplines, including fire science and safety (FSS), emergency medical technician-basic (EMT-B), emergency medical technician-paramedic (EMT-P), and emergency dispatcher (PSC). Students acquire specialized knowledge and skills from current emergency services practitioners. Emergency services training programs also benefit veteran emergency services professionals needing to update their skills and education. All training received within ECC's emergency services training programs complies with local, state, and national certifying agencies; this enables graduates to obtain job-ready certifications.

Entrance Requirements
None

Program Requirements
FSS 215 students who plan to challenge the Illinois Department of Public Health (IDPH) and/or national Non-Emergency Medical Transportation (NEMT) certification exam must meet all of the following criteria:

- Complete the course with an average grade of at least 80 percent.
- Attain an aggregate weighted average course exam score of 80 percent or higher.
- Satisfy all additional course requirements.

The Illinois Department of Public Health and the Joint Commission on Accreditation for Hospitals (JCAH) require drug tests, criminal background checks, and immunizations on students participating in direct patient care as part of their educational programs. Therefore, all FSS 215 students must pass drug tests, criminal background checks, and immunizations prior to starting their clinical evaluations.

FSS 215 students must pay for their drug tests, criminal background checks, and immunizations. Drug tests, criminal background checks, and immunizations are tracked by CastleBranch, an online company, and monitored by ECC staff. All records are confidential. Students must pass their drug tests, criminal background checks, and immunizations to perform their clinical evaluations. Students must perform their clinical evaluations to meet IDPH and JCAH standards. Please call 847-886-5391 to address any questions.

- Demonstrate a comprehensive understanding of fire service routine non-emergency activities and operations.
- Identify, analyze, and apply proactive fire prevention and comprehensive community risk reduction programs, in order to provide safe and cost effective fire protection.
- Identify and analyze various types of building construction for adverse effects by fire, appropriate suppression methodology, and risk to firefighters.
- Identify and apply reactive fire, hazardous materials, and emergency medical services scene operations in order to provide safe and cost effective emergency services.
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• Analyze and apply a comprehensive knowledge of emergency medical services at the Emergency Medical Technician, Basic level.
• Analyze and respond to contemporary emergency services legal concerns.
• Demonstrate the ability to effectively communicate in written and oral forms consistent with the requirements of contemporary emergency services.
• Identify and apply contemporary emergency service instructional methodologies.
• Create an understanding of the National Fire Academy FESHE recognized fire training program.

Fire Science & Safety - Associate of Applied Science

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<th>Course</th>
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<tr>
<td>First Semester</td>
<td>FSS 101 Principles of Emergency Services</td>
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<td>FSS 102 Fire Prevention</td>
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<td>PSY 100 Intro to Psychology</td>
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<td>ENG 101 English Composition I</td>
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<tr>
<td>Second Semester</td>
<td>FSS 103 Bldg Const. for Fire Prevention</td>
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<td>FSS 204 Fire Protection Systems</td>
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<td>FSS 276 Fire Behavior &amp; Combustion</td>
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<td>ENG 102 English Composition II</td>
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<td>Third Semester</td>
<td>FSS 201 Fire Fighting Strategy &amp; Tactics</td>
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<td>FSS 202 Hazardous Materials Chemistry</td>
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<td>CMS 101 Fundamentals of Speech</td>
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<td>FSS 214 Fire Service Instructor-Basic Level</td>
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Fire Science Electives

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<td>FSS 105</td>
<td>Principles of Emerg. Serv. Admin. I</td>
<td>3</td>
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<td>FSS 106</td>
<td>Principles of Emerg. Serv. Admin. II</td>
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<tr>
<td>FSS 215</td>
<td>Emergency Med Technician-Basic</td>
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Fire Science & Safety - Vocational Specialist

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<td>First Semester</td>
<td>FSS 101 Principles of Emergency Services</td>
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<tr>
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<td>FSS 204 Fire Protection Systems</td>
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<td>FSS 202 Hazardous Materials Chemistry</td>
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<td>FSS 215 Emergency Med Technician-Basic</td>
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<td>FSS 103 Bldg Const. for Fire Prevention</td>
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<td>FSS 214 Fire Service Instructor-Basic Level</td>
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<td>FSS 201 Fire Fighting Strategy &amp; Tactics</td>
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Fire Science - Basic Vocational Specialist

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<td>FSS 101</td>
<td>Principles of Emergency Services</td>
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<td>FSS 103</td>
<td>Bldg Const. for Fire Prevention</td>
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<td>FSS 204</td>
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Fire Officer I - Basic Vocational Specialist

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<td>FSS 201</td>
<td>Fire Fighting Strategy &amp; Tactics</td>
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<td>FSS 105</td>
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Basic Operations Firefighter - Basic Vocational Specialist

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<td>FSS 110</td>
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<td>FSS 111</td>
<td>Basic Operation Firefighter Module B</td>
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<tr>
<td>FSS 112</td>
<td>Basic Operation Firefighter Module C</td>
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FSS 103 Bldg Const. for Fire Prevention (3)  3.0
This course provides the components of building construction related to firefighter and life safety. The elements of construction and design of structures are shown to be key factors when inspecting buildings, preplanning fire operations, and operating at emergencies. (1.2) Proficiency Credit Available. (2) Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better FSS 101 or consent of instructor
Semester(s) Offered: Spring

FSS 105 Principles of Emerg. Serv. Admin. I (3)  3.0
This course introduces students to the organization and management of a fire and emergency services department and the relationship of governmental agencies to the fire service. Emphasis is placed on fire and emergency service ethics and leadership from the perspective of the company officer. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in FSS 101 or consent of instructor.
Semester(s) Offered: Varies

FSS 106 Principles of Emerg. Serv. Admin. II (3)  3.0
One of two management courses required of eligible candidates pursuing Illinois certification as a Fire Officer I. Acquaints the student with the principles of communication and group dynamics as they relate to the company officer. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Prerequisite: Grade of C or better in FSS 105 or consent of instructor
Semester(s) Offered: Varies

FSS 110 Basic Operation Firefighter Module a (4)  3.5,1
This course provides partial training toward Basic Operations Firefighter Certification by the Office of the State Fire Marshal. Topics discussed include orientation/organization, fire behavior, building construction, safety, communication, self-contained breathing apparatus (SCBA), extinguisher training, and ropes and knots. Additionally, this course provides an overview of the Courage to be Safe course and the National Incident Management System 100 and 700 courses. The Courage to be Safe course provides the student with an introduction to all sixteen Firefighter Life Safety Initiatives and assists the user in taking the first steps toward addressing these initiatives in their job and department. This course advocates for cultural change as an important way to reduce fire service Line of Duty Deaths and injuries. The National Incident Management System courses provide a basic understanding of the National Incident Management System and introduces the student to the Incident Command System. This course is approved by the Office of the State Fire Marshal (OSFM) and completion of this course qualifies students for the State Fire Marshal Certification Test Module A. (1.2) Proficiency Credit Available (3 MTFREIS) Pass/No Credit Not Available.
In-District Tuition/Fees: $778 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Admission into the Basic Operations Firefighter program or consent of program director
Semester(s) Offered: Fall and Spring
FSS 111 Basic Operation Firefighter Module B (4)  3.5,1
This course is the continuation of FSS 110. This course provides partial training toward Basic Operations Firefighter Certification by the Office of the State Fire Marshal. Topics discussed include ladders, hose and appliances, nozzles and fire streams, water supply, forcible entry, and ventilation. Additionally, this course provides the student with an overview of Cardio Pulmonary Resuscitation practices. This Course is approved by the Office of the State Fire Marshall (OSFM) and completion qualifies students for the State Fire Marshal Certification Test Module B. (1.2) Proficiency Credit Available (3 MTFREIS) Pass/No Credit Not Available.
In-District Tuition/Fees: $778 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in FSS 110 or consent of program director
Semester(s) Offered: Fall and Spring

FSS 112 Basic Operation Firefighter Module C (4)  3.5,1
This course is a continuation of FSS 110 and FSS 111. This course provides partial training toward Basic Operations Firefighter Certification by the Office of the Illinois State Fire Marshal. Topics discussed include search and rescue, fire control, loss control, protecting evidence, fire detection and alarm systems, prevention and public education, wild land and ground cover firefighting, firefighter survival, and basic first aid practices. This Course is approved by the Office of the State Fire Marshall (OSFM) and completion of this course qualifies students for the State Fire Marshal Certification Test Module C. (1.2) Proficiency Credit Available (2 MLTRSEIF) Pass/No Credit Not Available.
In-District Tuition/Fees: $778 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in FSS 110 and FSS 111 or consent of program director
Semester(s) Offered: Fall and Spring

FSS 113 Vehicle Operator/Rescue Awareness (1)  1.0
Technical Rescue Awareness is designed to give first due companies a basic awareness of requirements and hazards at technical rescue incidents. Training will meet standards of NFPA 1670. Professional qualifications require completion of the approved Technical Rescue Awareness course. Technical Rescue Awareness is designed as the introductory step in the acquisition of knowledge and skills required for first due company operations. Fire Service Vehicle Operator is designed to give fire service personnel the basic knowledge and skills to safely perform fire service vehicle operations as defined by NFPA 1451. Students must be employed by a fire department with appropriate sponsorship, insurance coverage, and an Illinois State Driver’s License, Engaged in firefighting in an organized Illinois fire department as a fire protection person according to the Act, as attested to by the employing Fire Chief of the individual seeking certification. This Course is approved by the Office of the State Fire Marshall (OSFM) and completion qualifies students for the State Fire Marshal Certification Tests for Fire Service Vehicle Operator and Technical Rescue Awareness. (1.2) Proficiency Credit Available (2 RM) Pass/No Credit Not Available.
In-District Tuition/Fees: $182 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Consent of program director
Semester(s) Offered: Fall and Spring

FSS 115 Emergency Medical Responder (3)  3.0
This course prepares students to provide emergency pre hospital assessment and care for patients of all ages with a variety of medical conditions and traumatic injuries. Areas of study include an introduction to emergency medical services systems, roles and responsibilities of EMRs, anatomy and physiology, medical emergencies, trauma, and special considerations for working in the pre hospital setting. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

FSS 201 Fire Fighting Strategy & Tactics (3)  3.0
This course provides the principles of fire ground control through utilization of personnel, equipment, and extinguishing agents. (1.2) Proficiency Credit Available (2 RIE) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Prerequisite:Grade of C or better in FSS 101 or consent of instructor
Semester(s) Offered: Fall and Spring

FSS 202 Hazardous Materials Chemistry (3)  3.0
This course provides basic chemistry relative to the categories of hazardous materials including recognition, identification, reactivity, and health hazards encountered by emergency services. (1.2) Proficiency Credit Available (2 ERI) Pass/No Credit Not Available.
In-District Tuition/Fees: $446 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Prerequisite:None
Semester(s) Offered: Fall and Spring

FSS 203 Protect. Hydraulics & Water Supply (3)  3.0
This course provides a foundation of theoretical knowledge to understand the principles of using water in fire protection and to apply hydraulic principles to analyze and solve water supply problems. (1.2) Proficiency Credit Available (2 RIE) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in FSS 103 or consent of instructor
Semester(s) Offered: Fall and Spring

FSS 204 Fire Protection Systems (3)  3.0
A study of the required standards for water supplies: protection systems; automatic sprinklers and extinguishing systems including analysis of various automatic signaling and detection systems. (1.2) Proficiency Credit Available (3 LETSIR) Pass/No Credit Not Available.
In-District Tuition/Fees: $421 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in FSS 101 or consent of instructor.
Semester(s) Offered: Fall and Spring
FSS 214 Fire Service Instructor-Basic Level (3)  3,0
This course is designed to meet the guidelines of the Illinois Fire Protection Personnel Standards and Education Commission to qualify fire service personnel to conduct training and education classes for others in the field. It is designed to teach the fire officer how to be more proficient in his or her work and how to use the resources that are available to him/her. Also how to utilize outlines, prepare classes, utilize tests, as well as participate in practice teaching where he/she can be evaluated. (1.2) Proficiency Credit Available (3 LETSIR) Pass/No Credit Not Available.

In-District Tuition/Fees: $421 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in FSS 204 or consent of instructor.
Semester(s) Offered: Fall and Spring

FSS 215 Emergency Med Technician-Basic (8)  7,3
In this course, students develop patient assessment skills and emergency treatment procedures. Medical emergencies covered include cardiac, resuscitation, and treating existing medical conditions such as diabetes, epilepsy, and emergency childbirth. Attention is given to treating and transporting traumatically injured patients; the course also involves extensive practical application of all treatment modalities. Special Note: The Illinois Department of Public Health and the Joint Commission on Accreditation for Hospitals require all students to pass a drug test and a criminal background check prior to participating in direct patient care as part of their educational program. (1.2) Proficiency Credit Available (3 LETSIR) Pass/No Credit Not Available

www.elgin.edu/firescience (http://www.elgin.edu/firescience/)

All students taking FSS 215 are required to pass a drug test and a criminal background check.

In-District Tuition/Fees: $1181 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Effective Summer 2020 (1) Score in 12th percentile or higher in each section of PSB-HOA exam; or (2) grade of C or better in FSS 115; or (3) consent of instructor. Prerequisite: None Recommended: Valid CPR card
Semester(s) Offered: Fall, Spring and Summer

FSS 220 Legal Aspects of Emergency Services (3)  3,0
This course addresses the federal, state, and local laws that regulate emergency services and reviews national standards, regulations, and consensus standards. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $436 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in FSS 101 or consent of instructor
Semester(s) Offered: Fall and Spring

FSS 224 Fire Service Instructor - Level II (3)  2,1
This course includes instruction in curriculum planning and advanced teaching principles. The course includes all objectives identified by the Office of the State Fire Marshal for certification at the Fire Service Instructor II Level. Student must be engaged in firefighting and a member of an organized Illinois fire department or Fire Brigade. This Course is approved by the Office of the State Fire Marshall (OSFM) and completion qualifies students for the State Fire Marshal Certification Test for Fire Service Instructor II. (1.2) Proficiency Credit Available (2 LTFRSEIM) Pass/No Credit Not Available.

In-District Tuition/Fees: $421 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in FSS 214
Semester(s) Offered: Fall and Spring

FSS 276 Fire Behavior & Combustion (3)  3,0
This course explores the theories and fundamentals of how and why fires start, spread, and are controlled. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Prerequisite: None
Semester(s) Offered: Fall and Spring

FSS 278 Emergency Services Safety & Health (3)  3,0
This course introduces the basic concepts of health and safety relative to emergency service organizations. Topics include risk and hazard evaluation and control procedures for emergency service organizations. (1.2) Proficiency Credit Available Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Prerequisite: None
Semester(s) Offered: Fall and Spring

FSS 281 Fire Safety & Survival Principles (3)  3,0
This course introduces the basic principles and history related to the national firefighter life safety initiatives, focusing on the need for cultural and behavioral change throughout the emergency services. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Prerequisite: None
Semester(s) Offered: Fall and Spring
Emergency Services - Public Safety Communications

ECC’s emergency services training programs are designed to teach the fundamentals of several emergency services disciplines.

Emergency services programs train firefighters, emergency dispatchers, and emergency medical technicians—basic and paramedic. These programs are designed to provide students with the knowledge and skills to succeed in their chosen disciplines, including fire science and safety (FSS), emergency medical technician-basic (EMT-B), emergency medical technician-paramedic (EMT-P), and emergency dispatcher (PSC). Students acquire specialized knowledge and skills from current emergency services practitioners. Emergency services training programs also benefit veteran emergency services practitioners. Emergency services training programs comply with local, state, and national certifying agencies; this enables graduates to obtain job-ready certifications.

Entrance Requirements
None

Program Requirements
None

Vocational Specialist

- In addition to the outcomes from the BVS, VS completers will be able to:
- Define and describe each component of the criminal justice system.
- Discuss the uniqueness of policing on a complex society, including the discretion, ethics, and the psychological and physical impact of policing.
- Describe the operation and functions of a Public Safety Answering Point.
- Demonstrate the skills to safely and accurately handle an emergency medical dispatch.

Basic Vocational Specialist

- Describe the role, function and ethics of a Public Safety Telecommunicator.
- Describe the elements and dynamics of interpersonal communications.
- Discuss law enforcement profession, the fire service profession, the emergency medical service profession, the emergency management profession, their major operational functions and how telecommunicators effectively support their efforts.
- Describe how natural and manmade events adversely affect the telecommunications function, and of the Incident Command System model for emergency scene management.
- Discuss telecommunications practices and the causes of stress within the profession.
- Discuss the legal issues and areas of liability related to Telecommunicators.
- Demonstrate skills to safely and accurately process TTY/TTD emergency and non-emergency calls.
- Demonstrate skills to safely and accurately process emergency and non-emergency calls for service, and apply job-related call taking skills, tasks, and knowledge.

Public Safety Communications - Vocational Specialist

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>PSC 105</td>
<td>Public Safety Telecommunicator</td>
<td>6</td>
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<tr>
<td>Summer Semester</td>
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First Semester

- CRJ 198  The Police Service                | 3            |
- ENG 101  English Composition I             | 3            |
- or BUS 101 Business Communications         |              |
- PSC 206  Public Safety Answering Point (psap) | 3            |
- PSC 207  Pub Saf Answering Point Application | 2            |
- CMS 101  Fundamentals of Speech            | 3            |
| Total     |                                            | 14           |
| Second Semester                              |              |

- CRJ 101  Introduction to Criminal Justice  | 3            |
- CRJ 111  Stress Management in Law Enforcement | 3            |
- PSC 208  Emergency Medical Dispatch        | 3            |
- PSC 209  Pub Saf Answering Point Practicum  | 3            |
- PSC 211  Career Management                 | 2            |
- or PSC 212 or Legal Aspects/Pub Saf Communications |          |
| Total     |                                            | 14           |
| Program Total                                   | 34           |
Public Safety Communications Courses

All PSC courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.

PSC 105 Public Safety Telecommunicator (6)  6.0
A basic course which includes the state training board's recommended curriculum for 9-1-1 telecommunicators (dispatchers). (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $822 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring

PSC 206 Public Safety Answering Point (psap) (3)  3.0
The course pulls together all information for previous PSC courses and integrates it to teach the student the process necessary for information gathering, call processing and method(s), call prioritization, and the composition of standard radio phraseology in accordance with general industry guidelines. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $411 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in PSC 105, or consent of program director
Semester(s) Offered: Varies

PSC 207 Pub Saf Answering Point Application (2)  5.3
This course covers the application of knowledge and skills acquired through the PSC 9-1-1 program. The students will develop their skills in information gathering, call processing, call prioritization, radio phraseology and multi-skill tasking in a simulated 9-1-1 center using a Motorola CENTRACOM II radio console and associated equipment. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $279 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in PSC 105, or consent of program director
Semester(s) Offered: Fall, Spring and Summer

PSC 208 Emergency Medical Dispatch (3)  3.0
This course provides a comprehensive understanding of the relationship, structure, similarities, and the differences among the components of the Medical Priority Dispatch System (MPDS). It provides a generalist view of various response modes based on availability of resources within the community being served. Topics will include the history, philosophy, and content of the emergency medical dispatch function, the relationship regarding response protocols with law enforcement, fire services and emergency medical services, and it includes the psychological and medico-legal elements, and the medical priority rationale in dispatch protocols. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $411 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in PSC 206 and PSC 207 or consent of program director; can concurrently enroll in PSC 209
Semester(s) Offered: Varies

PSC 209 Pub Saf Answering Point Practicum (3)  1.10
This course allows the student to experience the day to day activity of a public safety agency. The agency may be a public (9-1-1 center) agency or a related industry in the private sector. This experience includes rotating shifts and gaining experience in a live environment. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $411 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in PSC 206 and PSC 207 and PSC 208 or consent of program director; can concurrently enroll in PSC 208. Must pass a criminal background check by the interning agency and any other requirement of the interning agency
Semester(s) Offered: Varies

PSC 210 Telecommunications Systems and Tech (3)  3.0
This course covers the basic theory of telecommunications equipment and associated systems that are currently being used in the public safety industry and the rules and regulations that determine the operation of that equipment. The rules of entry, modification, cancellation and location procedures for Illinois' Criminal Justice Data Network will be covered. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in PSC 105 or consent of program director
Semester(s) Offered: Varies

PSC 211 Career Management (2)  2.0
This course offers a highly individualized approach to developing career management skills. Students will create resumes, write cover letters, thank you letters, complete job application forms and participate in an employment interview. Consideration will also be given to critical attitudes needed for career success. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Varies

<table>
<thead>
<tr>
<th>Course</th>
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<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSC 105</td>
<td>Public Safety Telecommunicator</td>
<td>6.0</td>
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<tr>
<td>PSC 206</td>
<td>Public Safety Answering Point (psap)</td>
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<td>PSC 207</td>
<td>Public Safety Answering Point Application</td>
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<td>PSC 208</td>
<td>Emergency Medical Dispatch</td>
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<td>PSC 209</td>
<td>Pub Saf Answering Point Practicum</td>
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<td>PSC 210</td>
<td>Telecommunications Systems and Tech</td>
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<tr>
<td>PSC 211</td>
<td>Career Management</td>
<td>2.0</td>
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</table>
Energy Management

The degree in energy management/renewable energy prepares students for work as mid-level technicians in the renewable energy industry. Students seeking this degree design, retrofit, test, balance, and troubleshoot environmental controls and renewable energy systems. The course of study includes work in the fields of solar heating, wind energy, solar electricity, and energy auditing. Students learn to evaluate energy management and renewable energy systems in both residential and commercial buildings. Students study ways to optimize existing residential and commercial building automation systems as well as new state-of-the-art systems. In addition to classroom study, students will perform energy audits and systems analysis on buildings located in the Elgin area. Faculty members include veteran teachers and industry professionals.

Accreditation
This program is accredited by the National Association of Stationary Operating Engineers (NASOE).

The NASOE accreditation allows students to earn a 3rd class stationary high-pressure steam engineer license. Students also have the opportunity to earn 3rd party credentials from HVAC Excellence and the North American Technician Excellence (NATE).

Entrance Requirements
None

Program Requirements
None

Renewable Energy Option - Associate of Applied Science

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
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<tr>
<td><strong>First Semester</strong></td>
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<tr>
<td>HAC 101</td>
<td>Air Conditioning and Refrigeration I</td>
<td>3</td>
</tr>
<tr>
<td>HAC 114</td>
<td>Basic Electricity and HVAC Controls</td>
<td>3</td>
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<tr>
<td>ECS 112</td>
<td>Survey of Renewable Energy Systems</td>
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<td>IST 105</td>
<td>Electrical Control Circuits</td>
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<td>IMT 107</td>
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<td>HAC 103</td>
<td>Basic Heating Gas/Oil</td>
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<td>HAC 102</td>
<td>Air Conditioning &amp; Refrigeration II</td>
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<tr>
<td>ECS 202</td>
<td>Commercial Load Calculations</td>
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<td>IST 140</td>
<td>Programmable Controllers I</td>
<td>3</td>
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<tr>
<td>Required Communications Course (p. 192)</td>
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<td><strong>Third Semester</strong></td>
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<tr>
<td>HAC 110</td>
<td>Heat Pumps &amp; Electrical Heat</td>
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<tr>
<td>IST 142</td>
<td>Programmable Controllers II</td>
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<tr>
<td>ECS 116</td>
<td>Introduction to Wind Energy</td>
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<td>ECS 111</td>
<td>Introduction to Photovoltaic Systems</td>
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### Energy Management - Associate of Applied Science

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<tr>
<td>CIS 110</td>
<td>Introduction to Computers</td>
<td>3</td>
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<td><strong>First Semester</strong></td>
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<tr>
<td>HAC 103</td>
<td>Basic Heating Gas/Oil</td>
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<tr>
<td>HAC 101</td>
<td>Air Conditioning and Refrigeration I</td>
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<td>HAC 104</td>
<td>HVACR Controls</td>
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<td>IST 105</td>
<td>Electrical Control Circuits</td>
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<td>HAC 119</td>
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<tr>
<td>IMT 107</td>
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<td>HAC 205</td>
<td>Commercial Air Conditioning</td>
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<td>ECS 202</td>
<td>Commercial Load Calculations</td>
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<td>IST 142</td>
<td>Programmable Controllers II</td>
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<td><strong>Third Semester</strong></td>
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<td></td>
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<tr>
<td>IST 245</td>
<td>Advanced Programmable Controllers</td>
<td>3</td>
</tr>
<tr>
<td>ECS 206</td>
<td>Commercial Duct Design</td>
<td>3</td>
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<tr>
<td>ECS 108</td>
<td>Commercial Electronic Control System</td>
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</tr>
<tr>
<td>ECS 110</td>
<td>Codes and Standards</td>
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</tr>
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<td>ECS 114</td>
<td>IAQ for Commercial Buildings</td>
<td>3</td>
</tr>
<tr>
<td>Required Communications Course (p. 192)</td>
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<td><strong>Fourth Semester</strong></td>
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<tr>
<td>IST 235</td>
<td>AC Drives</td>
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<tr>
<td>ECS 215</td>
<td>Commercial Applications Systems</td>
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<tr>
<td>Recommended Electives</td>
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<tr>
<td>Required Liberal Education Course (p. 192)</td>
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<tr>
<td>Required Social/Behavioral Sciences Course (p. 192)</td>
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### Recommended Electives

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<th>Title</th>
<th>Credits</th>
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<tr>
<td>HAC 207</td>
<td>Commercial Refrigeration</td>
<td>3</td>
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<tr>
<td>HAC 236</td>
<td>Special Topics in Heat/Air Cond.</td>
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### Renewable Energy - Basic Vocational Specialist

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>First Semester</strong></td>
<td></td>
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<tr>
<td>ECS 117</td>
<td>Intro to Sustainable Heating Systems</td>
<td>3</td>
</tr>
<tr>
<td>ECS 112</td>
<td>Survey of Renewable Energy Systems</td>
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<td>ECS 202</td>
<td>Commercial Load Calculations</td>
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<tr>
<td>ECS 111</td>
<td>Introduction to Photovoltaic Systems</td>
<td>3</td>
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<tr>
<td>ECS 113</td>
<td>Energy Auditing</td>
<td>3</td>
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<td>ECS 110</td>
<td>Codes and Standards</td>
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### Energy Management - Vocational Specialist

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<tr>
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<tr>
<td>HAC 101</td>
<td>Air Conditioning and Refrigeration I</td>
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<tr>
<td>HAC 114</td>
<td>Basic Electricity and HVACR Controls</td>
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<tr>
<td>IST 140</td>
<td>Programmable Controllers I</td>
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<td>ECS 117</td>
<td>Intro to Sustainable Heating Systems</td>
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<td>IST 130</td>
<td>Basic Mechanical Drives</td>
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<td>IST 142</td>
<td>Programmable Controllers II</td>
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<td>HAC 103</td>
<td>Basic Heating Gas/Oil</td>
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<td>HAC 102</td>
<td>Air Conditioning &amp; Refrigeration II</td>
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<tr>
<td>ECS 116</td>
<td>Introduction to Wind Energy</td>
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<td>HAC 110</td>
<td>Heat Pumps &amp; Electrical Heat</td>
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<td>IST 245</td>
<td>Advanced Programmable Controllers</td>
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<tr>
<td>IST 120</td>
<td>Hydraulics</td>
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<td>ECS 202</td>
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</table>

### Energy Management Courses

All ECS courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.
ECS 103 Commercial/Industrial Boilers (3)  2,2
Provides a comprehensive study of all aspects of high pressure boilers. Contents include steam boiler operations, accessories, boiler operation safety, computer and programmable controls, water treatment, and testing. Course is repeatable to six credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $431 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in HAC 106.
Semester(s) Offered: Fall and Spring

ECS 108 Commercial Electronic Control System (3)  2,2
This course is geared towards students and those individuals with some background in HVACR electronic controls. Emphasis is placed on function and application of HVACR electronic control systems. The subject material is structured for maximum participation in the interpretation of control sequences and selection of equipment. Course is repeatable to six credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $431 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in HAC 104
Semester(s) Offered: Varies

ECS 110 Codes and Standards (3)  3,0
Familiarization with and identification of sources of current federal, state, local codes and standards (ASHRAE) applied to building, plumbing, electrical, heating, ventilation, refrigeration and air conditioning systems. Course is repeatable to six credits. (1.2) Proficiency Credit Available (2LT) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in HAC 101, HAC 103, HAC 109, HAC 114, and HAC 119 or consent of instructor
Semester(s) Offered: Fall and Spring

ECS 111 Introduction to Photovoltaic Systems (3)  2,2
ECS 111 covers the fundamental operating principles, function, location and application of photovoltaic electric systems. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $436 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall and Spring

ECS 112 Survey of Renewable Energy Systems (2)  1,2
An overview course in The Business of Renewable Energy. The course will explore Regulatory Frameworks, emerging and established technologies, practical examples of startup companies, and challenges and opportunities in reducing our reliance on carbon based energy sources. Anyone looking for a broad perspective from current professionals in the energy sector today, or just trying to make sense of all The GreenWash out there, this is for you. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall and Spring

ECS 113 Energy Auditing (3)  2,2
This course studies energy auditing for residential and light commercial structures including the purposes and limitations of three types of energy audits. Students will apply the theories learned in the classroom by performing a comprehensive energy audit on an existing structure. This course will provide hands on experience with the instrumentation necessary to perform an energy audit including: blower door testing, thermal imaging, and duct pressurization tests. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $436 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: ECS 112 or consent of instructor
Semester(s) Offered: Fall and Spring

ECS 114 IAQ for Commercial Buildings (3)  3,0
This course covers IAQ problems that face building occupants and problems confronting building managers in buildings today. IAQ guidelines, EPA, OSHA, and other federal regulations will be covered as well as solving indoor air quality problems. Course is repeatable to six credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite:  Grade of C or better in HAC 105 or consent of instructor
Semester(s) Offered: Fall and Spring

ECS 116 Introduction to Wind Energy (3)  2,2
Students will examine, operate, and evaluate a small wind powered electrical generation system. The course of study will include: installation and cost benefit analysis. The installation will include the use of standard hand tools and materials. The evaluation will include efficiency analysis calculations and the use of air flow and power measurement instruments. (1.2) Proficiency Credit Available (3 FMEST) Pass/No Credit Not Available.
In-District Tuition/Fees: $436 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall and Spring
ECS 117 Intro to Sustainable Heating Systems (3) 2,2
Introduction to solar air heating using a combination of lecture, and fabrication lab sessions. Students will design, build and evaluate a solar air heating system. The design will include; material selection, heat transfer, and cost benefit analysis. The fabrication will include the use of standard hand tools and materials. The evaluation will include fundamental heat gain calculations and the use of air flow and temperature monitoring instruments. (1.2) Proficiency Credit Available (3 FMEST) Pass/No Credit Not Available.
In-District Tuition/Fees: $436 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/ (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring

ECS 118 Photovoltaic System Application (3) 2,2
This course examines the skills and knowledge necessary to work as a technician in the photovoltaic electricity industry. Subjects addressed include safety training, the function and interrelation of the systems located in a photovoltaic system. As well as a systems view of the equipment needed to provide usable electricity from sunlight. The course will focus primarily on the selection and application of photovoltaic equipment needed to provide both grid tied and off grid power. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $436 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/ (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in ECS 111
Semester(s) Offered: Fall and Spring

ECS 119 Wind Turbine Service (3) 2,2
This course examines the skills and knowledge necessary to work as a technician in the wind industry. Subjects addressed include safety training, the function and interrelation of the systems located in a wind power system. As well as a systems view of the propulsion and generation equipment typically located in a nacelle. The course will focus primarily on the production of electrical power following it from the wind turbine to the grid and finally to the end user. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $436 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/ (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in ECS 116
Semester(s) Offered: Spring

ECS 202 Commercial Load Calculations (3) 2,2
Provides a comprehensive study for heating and cooling load calculations for commercial buildings. Provides a wide range of procedures-both manual calculations procedures and computer-assisted. Emphasizes the Transfer Function Method (TFM) as a baseline procedure. CLTD/SCL/CLF are discussed. Course is repeatable to six credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $431 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/ (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in HAC 101 and HAC 205
Semester(s) Offered: Fall and Spring

ECS 206 Commercial Duct Design (3) 2,2
A study in commercial duct design to provide the student a primer on the theory and on the factors that relate to designing low pressure, low velocity air distribution systems. Duct sizing methods will include equal friction method, static regain, constant velocity, velocity reduction, and modified equal friction. This course will also cover specific applications found in commercial and industrial buildings. Course is repeatable to six credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $431 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/ (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in ECS 202 or concurrent enrollment in ECS 202
Semester(s) Offered: Varies

ECS 215 Commercial Applications Systems (3) 3,0
Students will use design procedure in selecting HVAC systems and performing the calculations and procedures that are required to size and locate the HVAC equipment and associated component for commercial buildings. Specifications of control and control cycles, layout, and designing of energy-efficient combination systems (heating and cooling) found in commercial and industrial buildings will also be covered. State-of-the-art equipment and control systems will be studied for maximum energy efficiency. This course bridges the gap between actual design and the theoretical knowledge. Course is repeatable to six credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $416 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/ (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in ECS 110 and ECS 114
Recommended: MTH 112
Semester(s) Offered: Varies

ECS 290 Energy Management Internship (2) 0,0
This course will provide the student with the acquisition of practical experience through the application of classroom theories and concepts in actual industry settings under the supervision of faculty and organizational staff. This off-campus, field based course will provide broad exposure to the operating components of organizations employing energy management philosophies and strategies. Students will be required to work 160 hours in the field, communicate regularly with faculty, submit reports/journals, and keep a task log. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/ (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Consent of instructor/coordinator
Semester(s) Offered: Varies

**Heating, Ventilation, Air Conditioning, and Refrigeration Courses**

All HAC courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.
HAC 101 Air Conditioning and Refrigeration I (3) 2,2
Emphasis on reducing emission of fully halogenated chlorofluorocarbon (CFC) refrigerants in refrigeration and air-conditioning equipment and application. Studies the compressor system used in mechanical refrigeration and air-conditioning. Covers the refrigeration cycle, compressors, receivers, evaporators, condensers, metering devices and refrigerants. Attention is given also to temperature conversions, absolute temperature, and gas laws. Introduces safe and efficient use of tools and torches in the installation of copper and steel piping. Refrigerant management, recovery, recycling and reclaiming will be covered to prepare the student for EPA technician certification. (1.2) Proficiency Credit Available (3 LETSIR) Pass/No Credit Available.
In-District Tuition/Fees: $516 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

HAC 102 Air Conditioning & Refrigeration II (4) 2,4
Continuation of HAC 101, emphasizing the construction of equipment, systems, controls and accessories found in refrigeration and air conditioning unit systems. Special emphasis is given to servicing, repair, testing, installation, charging, reading and wiring from ladder diagrams, and troubleshooting. Emphasis will also be placed on charging and working with non ozone depleting refrigerants. Repeatable to eight credits. (1.2) Proficiency Credit Available (3 LETSIR) Pass/No Credit Not Available.
In-District Tuition/Fees: $648 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: a) HAC 101; and b) HAC 119 or concurrent enrollment in HAC 119; and c) either HAC 114 or IST 105, or concurrent enrollment in either HAC 114 or IST 105; or d) consent of instructor
Semester(s) Offered: Fall, Spring and Summer

HAC 103 Basic Heating Gas/Oil (3) 2,2
Will cover the theory and fundamentals of heating and combustion. The course will cover the basic heating units of gas. The cleaning and servicing of them, and the control systems will also be covered. Repeatable to 6 credits; only three credits may apply toward a degree or certificate. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $516 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in either HAC 114 or IST 105
Semester(s) Offered: Fall, Spring and Summer

HAC 104 HVACR Controls (3) 2,2
This course will cover the special controls used on commercial and industrial heating, air conditioning and refrigeration equipment. The operation, testing and servicing of these controls will also be covered. Repeatable to six credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $436 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in HAC 205 and IST 110 or consent of instructor
Semester(s) Offered: Fall and Spring

HAC 105 Advanced Heating Hydronics/Steam (3) 2,2
The theory and principles of steam, water piping, and their components will be covered. Boiler system operation, low pressure, pumps, controls, water treatment, accessories, service and preventive maintenance, heat load calculations will be covered. Repeatable to six credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $501 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in HAC 103
Semester(s) Offered: Fall and Spring

HAC 109 Basic Sheet Metal (3) 2,2
A basic course covering triangulation stresses and layout of sheet metal ducts and fittings. All layout will be done on paper in this course and then sample construction will be done in lab. Repeatable to six credits. (1.2) Proficiency Credit Available (3 LETSIR) Pass/No Credit Not Available.
In-District Tuition/Fees: $471 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

HAC 110 Heat Pumps & Electrical Heat (3) 2,2
Theory of refrigeration cycle with respect to heat pumps and electrical heat theory. Covers mechanical and electrical operation, service, repair, and proper installation. Also geothermal heat pumps will be covered. Students will also take the RSES National Certification Heat Pump course. Book can be purchased in the HVAC&R office. Certification is included in the cost of the textbook. Repeatable to six credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $516 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Prerequisite:Grade of C or better in HAC 102 or concurrent enrollment in HAC 102 or consent of instructor.
Semester(s) Offered: Fall and Spring
HAC 111 Commercial Sheet Metal (3) 2,2
This course will cover advanced fitting layout, field measurements, advanced radial line developments and triangulation used in commercial construction of various duct fittings. Students will fabricate duct fittings for a particular project and will become responsible for their installation as well as installation of outdoor air and return air dampers for commercial units. Repeatable to six credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $471 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

HAC 114 Basic Electricity and HVACR Controls (3) 2,2
A study of the electrical controls, electrical wiring diagrams and proper troubleshooting. Topics included are: electrical symbols, Ohms law, series and parallel circuits, power distribution, magnetism, switches, relays, AC current transformers, motor safety controls, capacitors and motors used in the HVACR field. Emphasis will be placed on reading and wiring up circuits from ladder wiring diagrams. The course will include the proper use of test instruments for troubleshooting. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $516 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in HAC 109 and HAC 115
Semester(s) Offered: Varies

HAC 115 Blueprint Reading for Heating & AC (3) 2,2
A thorough examination of the components and elements that make up an architectural set of blueprints, including floor plans, foundation, electrical, heating, and plumbing, elevations and sections, plot plan, door, window, finish schedules, and general specifications. Residential and light commercial construction will be studied. Intended for the public and tradespersons interested in the general field of architecture. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $436 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring

HAC 116 Cost Estimating for Sheet Metal (3) 2,2
Students will learn basic procedures of estimating in all facets of metal fabrication which will include: ductwork, electrical wiring, piping, insulation, VAV equipment, temperature controls, HVAC units, air distribution equipment, heat and cooling equipment, air pollution equipment, heat recovery equipment, stamping, welding, machining, steel fabrication, forging, plastics finishing, brazing, plating and painting. This course will cover principles, practices, and procedures and provide a cost-effective, step-by-step method for cost estimating. Emphasis will be placed on pitfalls, problems, mistakes, inaccuracies that can occur in cost estimates. Basic concepts and steps that are required to develop man-hour and material based cost estimates will also be covered. Course is repeatable to six credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $436 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Varies

HAC 117 Architectural&Ornamental Sheet Metal (3) 2,2
This course will emphasize those sheet metal items and specialty items that can not be purchased from a manufacturer or supplier. Students will learn how to do repair or replacement work on architectural gutter and roofing. Due to OSHA laws emphasizing health and safety, students will learn to fabricate metal specialty items such as guards, machine guards, chutes, hoppers and other specialty items. Students will have the opportunity to experiment with a variety of styles of ornamental sheet metal items fabricated from copper and ornamental iron works with major emphasis on design, contour and mass. Students will concentrate on either architectural or ornamental fabrication for their final class project. Course is repeatable to six credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $471 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in HAC 109 and HAC 111 or concurrent enrollment in HAC 111
Semester(s) Offered: Fall and Spring

HAC 118 Testing & Balancing HVAC Equipment (3) 2,2
Students will study the most current procedures in testing, adjusting and balancing of air conditioning equipment. Topics which will be covered include use of instruments, preparing reports, balancing types of systems, equipment checkout, troubleshooting air problems, flow and pressure basics, balancing VAV systems, HVAC equipment, fans and drives, changing drives, grilles, diffuser and AK Areas will also be covered. Emphasis will be placed on balancing for energy conservation. Students will perform actual testing and balancing on HVAC equipment. Course is repeatable to six credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $436 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in HAC 104 and HAC 208 or concurrent enrollment in HAC 208 Recommended: MTH 107
Semester(s) Offered: Varies
HAC 119 Refrigerant Recovery Certification (.5)  .5,0
This course includes all information needed to prepare technicians to become certified to recover and contain refrigerant from both high and low pressure air conditioning and refrigeration equipment. This course is an EPA approved Refrigerant Certification course. Course is repeatable to two credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $91 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

HAC 205 Commercial Air Conditioning (3)  2,2
The study of DX cooling, open and hermetic centrifugal liquid chillers, ventilation theory and application will be covered. Emphasis will be placed on both the electrical and mechanical aspects of the field. Proper maintenance and start-up procedures of chillers will be covered. Instruction will cover psychrometrics, capacity control, zone control, capacity control and economizers. Actual electrical wiring on DX cooling and chillers will be studied. The use of new refrigerants and guidelines for retrofitting will be covered both in the lecture and lab. Theory and installation of pneumatics and electronic control systems will be covered. Repeatable to six credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $516 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in HAC 102 and HAC 119 or concurrent enrollment in HAC 119 or EPA refrigerant recovery certification
Semester(s) Offered: Fall and Spring

HAC 207 Commercial Refrigeration (3)  2,2
Study of high and low temperature applications and operations; mechanical and electrical components, service and repair, electrical circuitry, capacity control, and heat reclaim. Also covered are walk-in's, ice machines, and supermarket refrigeration equipment. Repeatable to six credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $516 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in HAC 102 and HAC 119 or concurrent enrollment in HAC 119 or EPA refrigerant recovery certification
Semester(s) Offered: Fall and Spring

HAC 208 Load Calculations & Duct Sys Design (4)  4,0
Residential heating and cooling load calculations will be covered. The use of computer programs is also included. The student will also design a duct system for heating, cooling, and ventilation. Repeatable to 8 credits; only four credits may apply towards a degree or certificate. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $568 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in HAC 101, 102, 103, 106, 109, 114, 119
Semester(s) Offered: Fall and Spring

HAC 220 HVACR National Certification (1)  1,0
This course will include pre-training for the Industrial Competency Exam (ICE). The ICE exam is sponsored by the Air Conditioning and Refrigeration Institute (ARI)/ Gas Appliance Manufacturer’s Association (GAMA). Three different exams are given at the end of the course which include Residential Air Conditioning and Heating, Light Commercial Air Conditioning and Heating, and Commercial Refrigeration. Course is repeatable to four credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in HAC 103 and HAC 110
Semester(s) Offered: Varies

HAC 233 Special Topics in HVACR (.5)  .25, .5
Designed to satisfy specific needs or interests of students and the community. The following guidelines are to be used in selecting topics: 1) Adequate and available material on specific topic; 2) Comprehensive outlines for each topic; and 3) Course should be designed to increase skill and knowledge in the field of heating, air conditioning, and refrigeration. Repeatable to two credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $66 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Varies

HAC 234 Special Topics in Heat/Air Cond. (1)  .5,1
Designed to satisfy specific needs or interests of students and the community. The following guidelines are to be used in selecting topics: 1) Adequate and available material on specific topic; 2) Comprehensive outline for each topic; and 3) Course should be designed to increase skill and knowledge in the field of heating, air conditioning, and refrigeration. Repeatable to three credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Varies

HAC 235 Special Topics in Heat/Air Cond. (2)  1,2
Designed to satisfy specific needs or interests of students and the community. The following guidelines are to be used in selecting topics: 1) Adequate and available material on specific topic; 2) Comprehensive outline for each topic; and 3) Course should be designed to increase skill and knowledge in the field of heating, air conditioning, and refrigeration. Repeatable to four credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Varies
Many fitness managers are also involved in selling new memberships, plans, supervise classes, and manage day-to-day operations of a center. Health and wellness center managers may create fitness or wellness individualized guidance and encouragement.

Certified personal trainers and group fitness instructors design development, and implementation of health and wellness programs. Health and wellness professionals play an integral part in the promotion, care, or those seeking a quicker path toward working credentials. ECC’s program is ideal for recent high school graduates, adults changing careers, or those seeking a quicker path toward working credentials.

ECC’s program is ideal for recent high school graduates, adults changing careers, or those seeking a quicker path toward working credentials. Health and wellness professionals play an integral part in the promotion, development, and implementation of health and wellness programs. Certified personal trainers and group fitness instructors design customized fitness programs for active and fit people working towards greater fitness and sedentary individuals who are striving to become active, as well as the elderly and overweight. The workplace is varied and may include athletic clubs, schools, health/fitness clubs, YMCAs/YWCAs, clients’ homes, and private studios with one-on-one sessions and small or large groups.

Personal trainers typically instruct individuals in beginning or advanced exercises, relying on their knowledge of physiology to determine the type and difficulty level of exercise, specific movements, and form correction. Trainers often demonstrate exercises and equipment, offering individualized guidance and encouragement.

Group fitness instructors teach a variety of fitness classes for individuals of all fitness levels. They design classes to deliver memorable experiences for the participants, helping them to achieve their health and fitness goals.

Health and wellness center managers may create fitness or wellness plans, supervise classes, and manage day-to-day operations of a center. Many fitness managers are also involved in selling new memberships, retaining existing members, marketing, maintaining the exercise equipment, and managing trainers, instructors, and other staff members.

Students interested in the Health and Wellness Management Program should see an academic advisor or the program director to create an educational plan.

More information about the program can be found at elgin.edu/wellness (http://www.elgin.edu/wellness/).

Entrance Requirements

Complete and submit health professions application and fee.

Program Requirements

Students must complete all required courses with grades of C or better. Prior credits in biology must have been earned within the last 10 years. Students must obtain malpractice insurance prior to starting an internship and provide their own transportation to and from all training sites.

- Apply the knowledge and skills of a fitness professional to a variety of fitness environments.
- Create exercise and fitness plans for individuals and groups to assist in achieving their fitness goals.
- Describe relevant human anatomy, physiology and kinesiology and integrate modifications to fitness plans and classes as needed.
- Practice and facilitate safe and sanitary methods for all clients in all settings.

Health and Wellness Management - Associate of Applied Science

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
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<tr>
<td>BIO 110</td>
<td>Principles of Biology</td>
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<tr>
<td>HWM 135</td>
<td>Personal Wellness</td>
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<tr>
<td>PHC 111</td>
<td>Individualized Fitness Programming</td>
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<td>PHC 130</td>
<td>Beginning Fitness Walking</td>
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<tr>
<td>PHR 102</td>
<td>First Aid and Safety</td>
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<td>PSY 100</td>
<td>Intro to Psychology</td>
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| **Second Semester** |                                |              |
| BIO 101          | Nutrition for Contemporary Society | 3            |
| BIO 240          | Human Anatomy and Physiology     | 5            |
| BUS 120          | Business Mathematics             | 3            |
| HPE 112          | Intro to Medical Terminology     | 3            |
| HUM 216          | Ethics                          | 3            |
| PHC 200          | Fundamentals of Weight Training  | 1            |
| **Total**        |                                 | 18           |

| **Third Semester** |                                |              |
| HWM 139          | Sport and Exercise Psychology   | 3            |
| HWM 142          | Structural Kinesiology          | 3            |
| HWM 147          | Personal Training I             | 3            |
| PHR 110 or PHR 115 | Active for Life or Healthy Eating for Life | 2 |   |
| Health and Wellness Management Elective | 1-2 |  |
| Required Communications Course (p. 192) | 3 |  |
| **Total**        |                                 | 15-16        |
Health and Wellness Management

Fourth Semester

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<td>HWM 145</td>
<td>Health/Fitness Facility Standards</td>
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<td>HWM 148</td>
<td>Personal Training II</td>
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<td>HWM 150</td>
<td>Personal Training Internship</td>
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<td>MMT 125</td>
<td>Leadership Development</td>
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Health and Wellness Management Electives

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<td>HWM 130</td>
<td>Pilates Mat</td>
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<tr>
<td>HWM 132</td>
<td>Group Fitness Instructor I</td>
<td>1</td>
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<tr>
<td>HWM 133</td>
<td>Group Fitness Instructor II</td>
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<tr>
<td>HWM 136</td>
<td>Advanced Group Fitness Instruction</td>
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<td>HWM 137</td>
<td>Group Fitness as a Profession</td>
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<tr>
<td>HWM 140</td>
<td>Athletic Injury Management</td>
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Group Fitness Professional - Basic Vocational Specialist

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<th>Credit Hours</th>
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<td>HWM 132</td>
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<td>HWM 133</td>
<td>Group Fitness Instructor II</td>
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<td></td>
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<td>HWM 136</td>
<td>Advanced Group Fitness Instruction</td>
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<tr>
<td>HWM 137</td>
<td>Group Fitness as a Profession</td>
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<td>Total</td>
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Personal Training - Basic Vocational Specialist

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<tr>
<td>HWM 100</td>
<td>Introduction to Health and Wellness</td>
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<td>HWM 132</td>
<td>Group Fitness Instructor I</td>
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<td>HWM 147</td>
<td>Personal Training I</td>
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<td>HWM 148</td>
<td>Personal Training II</td>
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Health and Wellness Management Courses

All HWM courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.

HWM 100 Introduction to Health and Wellness (1) 1.0
This course is an introduction to the careers of personal training and group fitness. Students will receive an overview of the locations, specializations and special populations encountered in the industry. A focus on the certification process and certification organizations for personal training and group fitness will guide the student toward next steps in becoming a fitness professional. The course will also highlight current fitness trends and related fitness and exercise professions. (1.2) Proficiency Credit Available (3 C) (2 HRE) Pass/No Credit Not Available.
In-District Tuition/Fees: $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall and Spring
HWM 130 Pilates Mat (1) 0.2
This activity based course will emphasize the six principles of Pilates, proper exercise technique, Pilates terminology, and exercise progression. Learning the basic skills and knowledge of Pilates Mat through this instructor lead course will benefit group fitness instructors, personal trainers, and the student looking to supplement their workouts. (1.2) Proficiency Credit Available (2 EZ) Pass/No Credit Not Available.
In-District Tuition/Fees: $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall
HWM 132 Group Fitness Instructor I (1) 0.2
This course is the first in a series of courses designed to prepare individuals for the American Council on Exercise (ACE) group fitness instructor certification exam. The first course covers content in the following areas: Exercise Physiology; Fundamentals of Anatomy; Fundamentals of Applied Kinesiology; Nutrition; and Group Exercise Program Design. (1.2) Proficiency Credit Available (2 EZ) Pass/No Credit Not Available.
In-District Tuition/Fees: $152 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall
HWM 133 Group Fitness Instructor II (1) 0.2
This course is the second in a series of courses designed to prepare individuals for the American Council on Exercise (ACE) group fitness instructor certification exam. The second course covers content in the following areas: teaching a group exercise class; adherence and motivation; disabilities and health limitations; injury prevention and emergency procedures; and legal and professional responsibilities. (1.2) Proficiency Credit Available (2 EZ) Pass/No Credit Not Available.
In-District Tuition/Fees: $152 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in HWM 132
Semester(s) Offered: Fall
HWM 135 Personal Wellness (1) 0,2
This course will be presented with a combination of classroom lecture and activity teaching methods to help the student incorporate fitness and wellness into their daily life. Key fitness and wellness topics will be highlighted along with supportive practical applications to guide the student toward wellness-related behaviors and a healthier lifestyle. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available. 
In-District Tuition/Fees: $152 (effective 2020/21 academic year) In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). 
Prerequisite: None 
Semester(s) Offered: Fall

HWM 136 Advanced Group Fitness Instruction (1) 0,2
This class is designed to give the Group Fitness Instructor (GFI) the skills necessary to competently teach advanced group fitness formats with emphasis on practical application. The student will be introduced to current specialty class formats and trends. (1.2) Proficiency Credit Available (2 E) Pass/No Credit Not Available. 
In-District Tuition/Fees: $142 (effective 2020/21 academic year) In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). 
Prerequisite: Grade of C or better in HWM 133 or consent of instructor 
Semester(s) Offered: Spring

HWM 137 Group Fitness as a Profession (1) 1,0
This course will emphasize the current trends in the group fitness industry including topics on: continuing education, professionalism, job opportunities, the interview/audition process, and the legal aspect of being an independent contractor. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available. 
In-District Tuition/Fees: $132 (effective 2020/21 academic year) In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). 
Prerequisite: Grade of C or better in HWM 136 or consent of instructor 
Semester(s) Offered: Spring

HWM 139 Sport and Exercise Psychology (3) 3,0
This course will provide students with a comprehensive approach to the field of sport and exercise psychology. The class is designed to progress the student through the main topics of this field by presenting an overview of sport and exercise psychology, learning about participants, understanding sport and exercise environments, focusing on group processes, improving performance, enhancing health and well-being, and facilitating psychological growth and development. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available. 
In-District Tuition/Fees: $396 (effective 2020/21 academic year) In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). 
Prerequisite: None 
Semester(s) Offered: Fall

HWM 140 Athletic Injury Management (3) 3,0
Designed for students planning careers in coaching, physical education, or a fitness profession. This course will provide the student with the knowledge and skills necessary for the proper care and management of athletic injuries. Establishing an effective health care system, preventing and minimizing sport related injuries, and the recognition and management of specific injuries and conditions will all be highlighted in this course. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available. 
In-District Tuition/Fees: $446 (effective 2020/21 academic year) In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). 
Prerequisite: Grade of C or better in BIO 240 or BIO 245 and BIO 246 
Semester(s) Offered: Spring

HWM 142 Structural Kinesiology (3) 3,0
This course will use a combination of classroom lecture and practical skill training to teach human anatomy and its relation to movement. Individual muscles and muscle groups will be identified with an emphasis placed on muscle application, strengthening exercises and flexibility exercises designed specifically to improve each muscle. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available. 
In-District Tuition/Fees: $396 (effective 2020/21 academic year) In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). 
Prerequisite: Grade of C or better in BIO 240 or BIO 245 and BIO 246 
Semester(s) Offered: Fall

HWM 145 Health/Fitness Facility Standards (2) 2,0
This course outlines proper standards and guidelines used in the design and daily operations of a health and fitness facility. Students will be given the necessary tools of a fitness facility manager by learning how to evaluate facilities, staff and programs; maintain the standard of care for facility users; and how to increase client membership through services, equipment, and programming. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available. 
In-District Tuition/Fees: $264 (effective 2020/21 academic year) In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). 
Prerequisite: Grade of C or better in BIO 240 or BIO 245 and BIO 246 
Semester(s) Offered: Fall

HWM 147 Personal Training I (3) 3,0
This course is the first in a series of courses designed to prepare individuals for the American College of Sports Medicine (ACSM) Personal Trainer certification. The first course covers content in the following areas: field and profession of personal training; educational approach to personal training; scientific foundations of exercise testing and prescription; lifestyle factors associated with health and disease; and human behavioral principles applied to physical activity. (1.2) Proficiency Credit Available (2 Z) Pass/No Credit Not Available. 
In-District Tuition/Fees: $396 (effective 2020/21 academic year) In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). 
Prerequisite: Grade of C or better or concurrent enrollment in HWM 132 
Semester(s) Offered: Fall
HWM 148 Personal Training II (5) 5.0
This course is the second in a series of courses designed to prepare individuals for the American College of Sports Medicine (ACSM) Personal Trainer certification exam. The second course covers content in the following areas: initial client consultation; goals/objectives; screening and assessments; exercise prescription, exercise programming, and adaptations to exercise testing; physical fitness and clinical and diagnostic assessments; exercise testing and training for individuals with chronic disease; and exercise program administration. (1.2) Proficiency Credit Available (2 Z) Pass/No Credit Not Available.

In-District Tuition/Fees: $690 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in HWM 147
Semester(s) Offered: Fall and Spring

HWM 150 Personal Training Internship (2) 0.2
The course will be a combination of 6 weeks of classroom discussion and 10 weeks of practical skill application at a local fitness/wellness facility. The internship experience will provide an opportunity for students to apply skills from HWM 147 and concurrent HWM 148 in a practical setting under the direct supervision of a certified personal trainer. Academic projects directly related to the internship experience will be completed regularly during the semester emphasizing and utilizing the knowledge gained in current and previous HWM courses with safe demonstration of skills in the practical setting. (1.2) Proficiency Credit Available (2 EZ) Pass/No Credit Not Available.

In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in HWM 147 and concurrent enrollment in HWM 148
Semester(s) Offered: Spring

**Heating, Ventilation, Air Conditioning, and Refrigeration**

Students in the Heating, Ventilation, Air-conditioning, and Refrigeration (HVACR) Program learn in modern, well-equipped labs. They are encouraged to use the labs in order to increase their hands-on-the-tools time and become proficient technicians. The labs are equipped with state-of-the-art equipment including 2-stage split systems, 90% condensing furnaces, boilers, heat pumps, commercial ice machines, and roof top units. The foundation of the program is its emphasis on hands-on training. Faculty members include veteran teachers and industry professionals.

**Accreditation**

The boiler courses in the program are accredited by the National Association of Stationary Operating Engineers (NASOE).

The NASOE accreditation allows students to earn a 2nd class low pressure boiler operator license and a 3rd class stationary high-pressure steam engineer license. Students also have the opportunity to earn 3rd party credentials from HVAC Excellence and the North American Technician Excellence (NATE).

**Entrance Requirements**

None

**Program Requirements**

None

- Apply safety procedures from governing agencies associated with the HVAC industry.
- Test electrical circuits and components to determine their condition with the use of a multimeter.
- Read and utilize electrical diagrams to troubleshoot, rewire, and install HVAC equipment.
- Utilize the tools of the trade to measure, cut, deburr, bend, solder, and braze refrigeration line sets.
- Draw blueprints and construct sheet metal ductwork for residential and light commercial systems.
- Troubleshoot, maintain, and operate boilers and their controls.
- Demonstrate technical proficiency in the use of recovery machines, vacuum pumps, refrigerant manifold gauges as it applies to residential and light commercial air conditioning systems.
- Maintain maximum operating efficiency of heating and air conditioning systems by performing system analysis.
- Explain the use of valves and accessories used in the commercial refrigeration industry.
- Calculate the heat gain/loss and ventilation requirements of a structure.

**Heating, Air Conditioning, and Refrigeration - Associate of Applied Science**

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<td>HAC 114</td>
<td>Basic Electricity and HVACR Controls</td>
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<td>HAC 103</td>
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**Second Semester**

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<td>Advanced Heating Hydronics/Steam</td>
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<tr>
<td>HAC 115</td>
<td>Blueprint Reading for Heating &amp; AC</td>
<td>3</td>
</tr>
<tr>
<td>HAC 208</td>
<td>Load Calculations &amp; Duct Sys Design</td>
<td>4</td>
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<tr>
<td></td>
<td>Required Communications Course (p. 192)</td>
<td>3</td>
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**Third Semester**

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>HAC 110</td>
<td>Heat Pumps &amp; Electrical Heat</td>
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<tr>
<td>HAC 205</td>
<td>Commercial Air Conditioning</td>
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<tr>
<td>IST 110</td>
<td>Electrical Motor Control</td>
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<td>ECS 110</td>
<td>Codes and Standards</td>
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<td>Required Social/Behavioral Sciences Course (p. 192)</td>
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**Fourth Semester**

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<tr>
<td>HAC 104</td>
<td>HVACR Controls</td>
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<tr>
<td>ECS 103</td>
<td>Commercial/Industrial Boilers</td>
<td>3</td>
</tr>
<tr>
<td>ECS 112</td>
<td>Survey of Renewable Energy Systems</td>
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Sheet Metal Mechanics - Vocational Specialist

<table>
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<tbody>
<tr>
<td>HAC 114</td>
<td>Basic Electricity and HVAC Controls</td>
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</tr>
<tr>
<td>HAC 109</td>
<td>Basic Sheet Metal</td>
<td>3</td>
</tr>
<tr>
<td>WEL 101</td>
<td>Welding I</td>
<td>2.5</td>
</tr>
<tr>
<td>HAC 115</td>
<td>Blueprint Reading for Heating &amp; AC</td>
<td>3</td>
</tr>
<tr>
<td>HAC 116</td>
<td>Cost Estimating for Sheet Metal</td>
<td>3</td>
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<tr>
<td>HAC 104</td>
<td>HVAC Controls</td>
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<tr>
<td>HAC 111</td>
<td>Commercial Sheet Metal</td>
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<tr>
<td>HAC 117</td>
<td>Architectural &amp; Ornamental Sheet Metal</td>
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<tr>
<td>HAC 208</td>
<td>Load Calculations &amp; Duct Sys Design</td>
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<tr>
<td>HAC 118</td>
<td>Testing &amp; Balancing HVAC Equipment</td>
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<td>WEL 102</td>
<td>Welding II</td>
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Residential HVAC Systems - Basic Vocational Specialist

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<thead>
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</tr>
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<tbody>
<tr>
<td>HAC 101</td>
<td>Air Conditioning and Refrigeration I</td>
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<tr>
<td>HAC 114</td>
<td>Basic Electricity and HVAC Controls</td>
<td>3</td>
</tr>
<tr>
<td>HAC 103</td>
<td>Basic Heating Gas/Oil</td>
<td>3</td>
</tr>
<tr>
<td>HAC 109</td>
<td>Basic Sheet Metal</td>
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</tr>
<tr>
<td>HAC 119</td>
<td>Refrigerant Recovery Certification</td>
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HVAC Facilities Maintenance Tech - Vocational Specialist

<table>
<thead>
<tr>
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<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAC 101</td>
<td>Air Conditioning and Refrigeration I</td>
<td>3</td>
</tr>
<tr>
<td>HAC 114</td>
<td>Basic Electricity and HVAC Controls</td>
<td>3</td>
</tr>
<tr>
<td>HAC 103</td>
<td>Basic Heating Gas/Oil</td>
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<td>HAC 109</td>
<td>Basic Sheet Metal</td>
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<td>HAC 119</td>
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Residential HVAC Service Technician - Basic Vocational Specialist

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<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>HAC 101</td>
<td>Air Conditioning and Refrigeration I</td>
<td>3</td>
</tr>
<tr>
<td>HAC 114</td>
<td>Basic Electricity and HVAC Controls</td>
<td>3</td>
</tr>
<tr>
<td>HAC 103</td>
<td>Basic Heating Gas/Oil</td>
<td>3</td>
</tr>
<tr>
<td>HAC 104</td>
<td>HVAC Controls</td>
<td>3</td>
</tr>
<tr>
<td>ECS 103</td>
<td>Commercial/Industrial Boilers</td>
<td>3</td>
</tr>
<tr>
<td>ECS 112</td>
<td>Survey of Renewable Energy Systems</td>
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Refrigeration Service Technician - Basic Vocational Specialist

<table>
<thead>
<tr>
<th>Course</th>
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</thead>
<tbody>
<tr>
<td>HAC 101</td>
<td>Air Conditioning and Refrigeration I</td>
<td>3</td>
</tr>
<tr>
<td>HAC 114</td>
<td>Basic Electricity and HVAC Controls</td>
<td>3</td>
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</table>
Heating, Ventilation, Air Conditioning, and Refrigeration Courses

All HAC courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.

HAC 101 Air Conditioning and Refrigeration I (3)  2,2
Emphasis on reducing emission of fully halogenated chlorofluorocarbon (CFC) refrigerants in refrigeration and air-conditioning equipment and application. Studies the compressor system used in mechanical refrigeration and air-conditioning. Covers the refrigeration cycle, compressors, receivers, evaporators, condensers, metering devices and refrigerants. Attention is given also to temperature conversions, absolute temperature, and gas laws. Introduces safe and efficient use of tools and torches in the installation of copper and steel piping. Refrigerant management, recovery, recycling and reclaiming will be covered to prepare the student for EPA technician certification. (1.2) Proficiency Credit Available (3 LETSIR) Pass/No Credit Not Available.

In-District Tuition/Fees: $516 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

HAC 102 Air Conditioning & Refrigeration II (4)  2,4
Continuation of HAC 101, emphasizing the construction of equipment, systems, controls and accessories found in refrigeration and air conditioning unit systems. Special emphasis is given to servicing, repair, testing, installation, charging, reading and wiring from ladder diagrams, and troubleshooting. Emphasis will also be placed on charging and working with non ozone depleting refrigerants. Repeatable to eight credits. (1.2) Proficiency Credit Available (3 LETSIR) Pass/No Credit Not Available.

In-District Tuition/Fees: $648 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: HAC 101; and b) HAC 119 or concurrent enrollment in HAC 119; and c) either HAC 114 or IST 105, or concurrent enrollment in either HAC 114 or IST 105; or d) consent of instructor
Semester(s) Offered: Fall, Spring and Summer

HAC 103 Basic Heating Gas/Oil (3)  2,2
Will cover the theory and fundamentals of heating and combustion. The course will cover the basic heating units of gas. The cleaning and servicing of them, and the control systems will also be covered. Repeatable to 6 credits; only three credits may apply toward a degree or certificate. (1.2) Proficiency Credit Available Pass/No Credit Not Available.

In-District Tuition/Fees: $516 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in either HAC 114 or IST 105
Semester(s) Offered: Fall, Spring and Summer

HAC 104 HVAC Controls (3)  2,2
This course will cover the special controls used on commercial and industrial heating, air conditioning and refrigeration equipment. The operation, testing and servicing of these controls will also be covered. Repeatable to six credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.

In-District Tuition/Fees: $436 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in HAC 205 and IST 110 or consent of instructor
Semester(s) Offered: Fall and Spring

HAC 106 Advanced Heating Hydronics/Steam (3)  2,2
The theory and principles of steam, water piping, and their components will be covered. Boiler system operation, low pressure, pumps, controls, water treatment, accessories, service and preventive maintenance, heat load calculations will be covered. Repeatable to six credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.

In-District Tuition/Fees: $501 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in HAC 103
Semester(s) Offered: Fall and Spring

HAC 109 Basic Sheet Metal (3)  2,2
A basic course covering triangulation stresses and layout of sheet metal ducts and fittings. All layout will be done on paper in this course and then sample construction will be done in lab. Repeatable to six credits. (1.2) Proficiency Credit Available (3 LETSIR) Pass/No Credit Not Available.

In-District Tuition/Fees: $471 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

Total Credit Hours 18.5
HAC 110 Heat Pumps & Electrical Heat (3)  
Theory of refrigeration cycle with respect to heat pumps and electrical heat theory. Covers mechanical and electrical operation, service, repair, and proper installation. Also geothermal heat pumps will be covered. Students will also take the RSES National Certification Heat Pump course. Book can be purchased in the HVAC&R office. Certification is included in the cost of the textbook. Repeatable to six credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.  
In-District Tuition/Fees: $516 (effective 2020/21 academic year)  
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).  
Prerequisite: Prerequisite: Grade of C or better in HAC 102 or concurrent enrollment in HAC 102 or consent of instructor.  
Semester(s) Offered: Fall and Spring

HAC 111 Commercial Sheet Metal (3)  
This course will cover advanced fitting layout, field measurements, advanced radial line developments and triangulation used in commercial construction of various duct fittings. Students will fabricate duct fittings for a particular project and will become responsible for their installation as well as installation of outdoor air and return air dampers for commercial units. Repeatable to six credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.  
In-District Tuition/Fees: $471 (effective 2020/21 academic year)  
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).  
Prerequisite: Grade of C or better in HAC 109 and HAC 115  
Semester(s) Offered: Varies

HAC 114 Basic Electricity and HVAC Controls (3)  
A study of the electrical controls, electrical wiring diagrams and proper troubleshooting. Topics included are: electrical symbols, Ohms law, series and parallel circuits, power distribution, magnetism, switches, relays, AC current transformers, motor safety controls, capacitors and motors used in the HVACR field. Emphasis will be placed on reading and wiring up circuits from ladder wiring diagrams. The course will include the proper use of test instruments for troubleshooting. (1.2) Proficiency Credit Available Pass/No Credit Not Available.  
In-District Tuition/Fees: $516 (effective 2020/21 academic year)  
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).  
Prerequisite: None  
Semester(s) Offered: Fall, Spring and Summer

HAC 115 Blueprint Reading for Heating & AC (3)  
A thorough examination of the components and elements that make up an architectural set of blueprints, including floor plans, foundation, electrical, heating, and plumbing, elevations, details and sections, plot plan, door, window, finish schedules, and general specifications. Residential and light commercial construction will be studied. Intended for the public and tradespersons interested in the general field of architecture. (1.2) Proficiency Credit Available Pass/No Credit Not Available.  
In-District Tuition/Fees: $436 (effective 2020/21 academic year)  
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).  
Prerequisite: None  
Semester(s) Offered: Fall and Spring

HAC 116 Cost Estimating for Sheet Metal (3)  
Students will learn basic procedures of estimating in all facets of metal fabrication which will include: ductwork, electrical wiring, piping, insulation, VAV equipment, temperature controls, HVAC units, air distribution equipment, heat and cooling equipment, air pollution equipment, heat recovery equipment, stamping, welding, machining, steel fabrication, forging, plastics finishing, brazing, plating and painting. This course will cover principles, practices, and procedures and provide a cost-effective, step-by-step method for cost estimating. Emphasis will be placed on pitfalls, problems, mistakes, inaccuracies that can occur in cost estimates. Basic concepts and steps that are required to develop man-hour and material based cost estimates will also be covered. Course is repeatable to six credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.  
In-District Tuition/Fees: $436 (effective 2020/21 academic year)  
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).  
Prerequisite: None  
Semester(s) Offered: Varies

HAC 117 Architectural&Ornamental Sheet Metal (3)  
This course will emphasize those sheet metal items and specialty items that cannot not be purchased from a manufacturer or supplier. Students will learn how to do repair or replacement work on architectural gutter and roofing. Due to OSHA laws emphasizing health and safety, students will learn to fabricate metal specialty items such as guards, machine guards, chutes, hoppers and other specialty items. Students will have the opportunity to experiment with a variety of styles of ornamental sheet metal items fabricated from copper and ornamental iron works with major emphasis on design, contour and mass. Students will concentrate on either architectural or ornamental fabrication for their final class project. Course is repeatable to six credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.  
In-District Tuition/Fees: $471 (effective 2020/21 academic year)  
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).  
Prerequisite: Grade of C or better in HAC 109 and HAC 111 or concurrent enrollment in HAC 111  
Semester(s) Offered: Fall and Spring

HAC 118 Testing & Balancing HVAC Equipment (3)  
Students will study the most current procedures in testing, adjusting and balancing of air conditioning equipment. Topics which will be covered include use of instruments, preparing reports, balancing types of systems, equipment checkout, troubleshooting air problems, flow and pressure basics, balancing VAV systems, HVAC equipment, fans and drives, changing drives, grilles, diffuser and AK Areas will also be covered. Emphasis will be placed on balancing for energy conservation. Students will perform actual testing and balancing on HVAC equipment. Course is repeatable to six credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.  
In-District Tuition/Fees: $436 (effective 2020/21 academic year)  
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).  
Prerequisite: Grade of C or better in HAC 104 and HAC 208 or concurrent enrollment in HAC 208 Recommended: MTH 107  
Semester(s) Offered: Varies
HAC 119 Refrigerant Recovery Certification (.5) 5.0
This course includes all information needed to prepare technicians to become certified to recover and contain refrigerant from both high and low pressure air conditioning and refrigeration equipment. This course is an EPA approved Refrigerant Certification course. Course is repeatable to two credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.

In-District Tuition/Fees: $91 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

HAC 205 Commercial Air Conditioning (3) 2.2
The study of DX cooling, open and hermetic centrifugal liquid chillers, ventilation theory and application will be covered. Emphasis will be placed on both the electrical and mechanical aspects of the field. Proper maintenance and start-up procedures of chillers will be covered. Instruction will cover psychrometrics, capacity control, zone control, capacity control and economizers. Actual electrical wiring on DX cooling and chillers will be studied. The use of new refrigerants and guidelines for retrofitting will be covered both in the lecture and lab. Theory and installation of pneumatics and electronic control systems will be covered. Repeatable to six credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.

In-District Tuition/Fees: $516 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Grade of C or better in HAC 102 and HAC 119 or concurrent enrollment in HAC 119 or EPA refrigerant recovery certification
Semester(s) Offered: Fall and Spring

HAC 207 Commercial Refrigeration (3) 2.2
Study of high and low temperature applications and operations; mechanical and electrical components, service and repair, electrical circuitry, capacity control, and heat reclaim. Also covered are walk-in's, ice machines, and supermarket refrigeration equipment. Repeatable to six credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.

In-District Tuition/Fees: $516 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Grade of C or better in HAC 102 and HAC 119 or concurrent enrollment in HAC 119 or EPA refrigerant recovery certification
Semester(s) Offered: Fall and Spring

HAC 208 Load Calculations & Duct Sys Design (4) 4.0
Residential heating and cooling load calculations will be covered. The use of computer programs is also included. The student will also design a duct system for heating, cooling, and ventilation. Repeatable to 8 credits; only four credits may apply towards a degree or certificate. (1.2) Proficiency Credit Available Pass/No Credit Not Available.

In-District Tuition/Fees: $568 (effective 2020/2021 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Grade of C or better in HAC 101, 102, 103, 106, 109, 114, 119
Semester(s) Offered: Fall and Spring

HAC 220 HVACR National Certification (1) 1.0
This course will include pre-training for the Industrial Competency Exam (ICE). The ICE exam is sponsored by the Air Conditioning and Refrigeration Institute (ARI)/ Gas Appliance Manufacturer’s Association (GAMA). Three different exams are given at the end of the course which include Residential Air Conditioning and Heating, Light Commercial Air Conditioning and Heating, and Commercial Refrigeration. Course is repeatable to four credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.

In-District Tuition/Fees: $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Grade of C or better in HAC 103 and HAC 110
Semester(s) Offered: Varies

HAC 233 Special Topics in HVACR (.5) .25,.5
Designed to satisfy specific needs or interests of students and the community. The following guidelines are to be used in selecting topics: 1) Adequate and available material on specific topic; 2) Comprehensive outlines for each topic; and 3) Course should be designed to increase skill and knowledge in the field of heating, air conditioning, and refrigeration. Repeatable to two credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.

In-District Tuition/Fees: $66 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: None
Semester(s) Offered: Varies

HAC 234 Special Topics in Heat/Air Cond. (1) .5,1
Designed to satisfy specific needs or interests of students and the community. The following guidelines are to be used in selecting topics: 1) Adequate and available material on specific topic; 2) Comprehensive outline for each topic; and 3) Course should be designed to increase skill and knowledge in the field of heating, air conditioning, and refrigeration. Repeatable to three credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.

In-District Tuition/Fees: $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: None
Semester(s) Offered: Varies

HAC 235 Special Topics in Heat/Air Cond. (2) 1.2
Designed to satisfy specific needs or interests of students and the community. The following guidelines are to be used in selecting topics: 1) Adequate and available material on specific topic; 2) Comprehensive outline for each topic; and 3) Course should be designed to increase skill and knowledge in the field of heating, air conditioning, and refrigeration. Repeatable to four credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.

In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: None
Semester(s) Offered: Varies
HAC 236 Special Topics in Heat/Air Cond. (3)  2,2
Designed to satisfy specific needs or interests of students and the community. The following guidelines are to be used in selecting topics: 1) Adequate and available material on specific topic; 2) Comprehensive outline for each topic; and 3) Course should be designed to increase skill and knowledge in the field of heating, air conditioning, and refrigeration. Repeatable to six credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $436 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

Histotechnology
The Histotechnician (HT) is responsible for processing surgical tissues, biopsies, and autopsy specimens for microscopic review by pathologists. Illnesses such as cancer or serious infections can often be detected by the arrangement of cells in a tissue sample.

The Histotechnology Program of Elgin Community College provides a quality education which integrates general education and professional courses with hands-on experience to prepare graduates with the technical skills needed to work in a variety of histology laboratories. Students who successfully complete the Associate of Applied Science degree in Histotechnology, or hold an associate degree or higher and complete the Vocational Specialist Certificate in Histotechnology, will be eligible to sit for the national histotechnician/histotechnologist certification exam administered by the American Society of Clinical Pathology (ASCP).

Accreditation
The Histotechnology Program is accredited by
The National Accrediting Agency for Clinical Laboratory Sciences (NAACLS)
600 N. River Rd., Suite 720
Rosemont, IL 60018
773-714-8880
naacls.org (http://www.naacls.org)

Entrance Requirements
- Score in the 25th percentile or better in each section of the PSB-HOA exam
- Grade of C or better in BIO 110 Principles of Biology or equivalent
- Grade of C or better in MTH 097 Plane Geometry or equivalent or grade of C or better in two semesters of high school geometry or appropriate score on the geometry placement test
- Grade of C or better in MTH 098 Intermediate Algebra or equivalent or appropriate score on the algebra placement test

Preference is given to candidates who are legal residents of Community College District 509, Elgin Community College. Working in district does not meet this requirement. Qualified applicants from other districts may be considered if space is available. Go to elgin.edu/jointagreements to learn more.

Admission Procedures
Admission to the program is selective. For more information, please see admission requirements (https://elgin.edu/academics/departments/histotechnology/program-admissions/).

Program Requirements
Students must complete all required courses with grades of C or better to be eligible to sit for the histotechnician certification exam offered by the American Society of Clinical Pathology (ASCP). Prior credits in biology, chemistry, or mathematics must have been earned within the last 10 years. Students must provide their own uniform and transportation to and from all clinical sites.

Policies and Procedures
Students applying to health professions programs must provide a valid Social Security number in order to be screened for placement on the Illinois Health Care Worker Background Check Registry. Students must be listed on this registry in order to be eligible to complete required clinical training. Students demonstrating a positive background check will be denied admission to any health professions program. A valid Social Security number is also needed to apply for licensing/certification exams.

Before attending clinical training, students must have the following documentation on file in the health professions division office: negative drug test results, completed medical form which includes proof of immunizations/titer results, and proof of health insurance coverage.

Health professions students will be required to update their drug test, TB test/TB survey, and flu vaccine on an annual basis. Students demonstrating a positive drug test will be dismissed from the health professions division.

The standards, policies, and procedures of the histotechnology program are published in the histotechnology student handbook. Copies of the student handbook may be obtained online at elgin.edu/histotechnology (http://www.elgin.edu/histotechnology/).

- Demonstrate basic knowledge necessary to obtain a passing score on the American Society of Clinical Pathology (ASCP) national certification exam.
- Process specimens independently.
- Apply test/theory principles in the performance of diagnostic procedures.
- Follow established laboratory safety policies.
- Organize and prioritize tasks appropriately.
- Initiate measures to correct technical problems.
- Maintain quality performance under stress.
- Convey written and verbal information to others in a timely manner.
- Follow written and verbal instructions accurately.
- Use technology to operate equipment and manage information.
- Develop a sense of responsibility to the patient and the employer.
- Treat co-workers with respect.
- Maintain professionalism in appearance and conduct.
- Remain adaptable to changes that occur in the profession.
- Grow intellectually through continuing education.
### Histotechnology - Associate of Applied Science

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
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<tr>
<td>BIO 240</td>
<td>Human Anatomy and Physiology</td>
<td></td>
</tr>
<tr>
<td>BIO 245</td>
<td>Human Anatomy and Physiology I</td>
<td></td>
</tr>
<tr>
<td>&amp; BIO 246</td>
<td>and Human Anatomy and Physiology II</td>
<td></td>
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<td>HPE 112</td>
<td>Intro to Medical Terminology</td>
<td>3</td>
</tr>
<tr>
<td>MTH 112</td>
<td>College Algebra</td>
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<td>BIO 265</td>
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<td>CHM 112</td>
<td>Elements of Chemistry-General</td>
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<td>CHM 170</td>
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<td>Liberal Education Elective (p. 192)</td>
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<td>HST 111</td>
<td>Histotechnology Topics I</td>
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<tr>
<td>HST 121</td>
<td>Embedding and Cutting I</td>
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<td><strong>Fourth Semester</strong></td>
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<td>CMS 210</td>
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<td>HST 113</td>
<td>Histotechnology Topics II</td>
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<td>HST 123</td>
<td>Embedding and Cutting II</td>
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<tr>
<td>HST 125</td>
<td>Special Stains</td>
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<tr>
<td>HST 131</td>
<td>Histotechnology Practicum I</td>
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<tr>
<td>HST 133</td>
<td>Histotechnology Practicum II</td>
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### Histotechnology - Vocational Specialist

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<td>BIO 240</td>
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<tr>
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<td>&amp; BIO 246</td>
<td>and Human Anatomy and Physiology II</td>
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<td>HPE 112</td>
<td>Intro to Medical Terminology</td>
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<td>HST 111</td>
<td>Histotechnology Topics I</td>
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<tr>
<td>HST 121</td>
<td>Embedding and Cutting I</td>
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<td><strong>Second Semester</strong></td>
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<td>HST 123</td>
<td>Embedding and Cutting II</td>
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<tr>
<td>HST 125</td>
<td>Special Stains</td>
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<td>HST 131</td>
<td>Histotechnology Practicum I</td>
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<tr>
<td>HST 133</td>
<td>Histotechnology Practicum II</td>
<td>2</td>
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<tr>
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HST 121 Embedding and Cutting I (4)  1,6
This course will provide an introduction to the practical skills of the histotechnology profession. The focus of the study will be on the hands-on use of histology equipment and techniques used in the preparation of slides. (1.2) Proficiency Credit Available (2 EIST) Pass/No Credit Not Available

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Histotechnology (HST) program. For more information please refer to elgin.edu/histotechnology.

In-District Tuition/Fees: $678 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Acceptance into the Histotechnology program or program director consent

Semester(s) Offered: Fall

HST 123 Embedding and Cutting II (4)  1,6
This course will provide additional opportunities to improve the practical skills of the histotechnology professional. The focus of study will be on the hands-on use of histology equipment and techniques used in the preparation of slides from paraffin and frozen sections. (1.2) Proficiency Credit Available (2 EIST) Pass/No Credit Not Available

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Histotechnology (HST) program. For more information please refer to elgin.edu/histotechnology.

In-District Tuition/Fees: $678 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in HST 111 and HST 121

Semester(s) Offered: Spring

HST 125 Special Stains (3)  2,2
This course will cover the theory and practice of special stains in the histology lab. Units include: carbohydrates and amyloid tissue, connective and muscle tissue, nerve tissue, microorganisms, pigments, minerals, and cytoplasmic granules. (1.2) Proficiency Credit Available (2 EIST) Pass/No Credit Not Available

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Histotechnology (HST) program. For more information please refer to elgin.edu/histotechnology.

In-District Tuition/Fees: $546 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in HST 111 and HST 121

Semester(s) Offered: Spring

HST 131 Histotechnology Practicum I (2)  0,6
This course will provide the student with supervised experience in a histology lab. Students will practice performing all the routine responsibilities of a histotechnician including: grossing, processing, embedding, cutting, staining, and interacting with other histology personnel. (1.2) Proficiency Credit Available (2 EIST) Pass/No Credit Not Available

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Histotechnology (HST) program. For more information please refer to elgin.edu/histotechnology.

In-District Tuition/Fees: $359 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in HST 111 and HST 121

Semester(s) Offered: Spring
HST 133 Histotechnology Practicum II (2)  0,6
This course builds on the skills learned in HST 131 and will provide the
student with additional supervised experience in a histology lab setting. His-technician students will have the opportunity to expand their
knowledge of the workflow in a histology lab and practice techniques in
a new clinical setting. (1.2) Proficiency Credit Available (2 EIST) Pass/No
Credit Not Available
www.elgin.edu/histotechnology (http://www.elgin.edu/histotechnology/)

SPECIAL NOTE: Explore the histotechnology program and come to an
information session. For more details, go to elgin.edu/visitecc (http://
elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test
scores are required for the Histotechnology (HST) program. For more
information please refer to elgin.edu/histotechnology (http://elgin.edu/
histotechnology/).

In-District Tuition/Fees: $359 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://
elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/
tuition-fees)/.

Prerequisite: Grade of C or better in HST 131 or program director consent
Semester(a) Offered: Spring

Human Services - Generalist

Human services professionals seek to meet the needs of people through
valuing the capacity for human growth and change; advocating for social
justice; designing interdisciplinary approaches to human needs; and
recognizing people's strengths and abilities. Students are exposed to
both educational and experiential learning methods in assessment, social
policy, individual and group treatment, rules and regulations pertaining to
the profession, and personal and professional self-awareness. Graduates
are prepared for potential employment in non-profit organizations,
government agencies, hospitals and healthcare facilities, community
social service agencies, and advocacy groups. The former family violence
counseling certificate curriculum has been incorporated into the Human
Services - Generalist Program.

Accreditation

The Human Services - Generalist Program is accredited by the Council for
Standards in Human Services Education (CHSSE).

Entrance Requirements

None

Program Requirements

Students must provide their own transportation to and from field
experience sites.

Transferability

The Associate of Applied Science in human services transfers to many
four-year institutions. See a list of these institutions at elgin.edu/
humanservices (http://www.elgin.edu/humanservices/).

• Demonstrate knowledge and theory of the interaction of human
  systems including: individual, interpersonal, group, family,
  organizational, community, and societal.

• Develop knowledge and skill development in systematic analysis
  of service needs; planning appropriate strategies, services, and
  implementation; and evaluation of outcomes.

• Incorporate human service values and attitudes and promote
  understanding of human services ethics and their application in
  practice.

• Develop awareness of the students' own values, personalities,
  reaction patterns, interpersonal styles, and limitations.

Human Services Generalist Option - Associate of Applied Science

<table>
<thead>
<tr>
<th>Course</th>
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<th>Credit Hours</th>
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<tbody>
<tr>
<td>PSY 100</td>
<td>Intro to Psychology</td>
<td>3</td>
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<tr>
<td>HUS 110</td>
<td>Issues in Human Services</td>
<td>3</td>
</tr>
<tr>
<td>HUS 151</td>
<td>Rules and Regulations</td>
<td>3</td>
</tr>
<tr>
<td>HSG 210</td>
<td>Working With Families</td>
<td>3</td>
</tr>
<tr>
<td>Required Communications Course (p. 192)</td>
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<td>HSG 201</td>
<td>Field Experience I &amp; Seminar</td>
<td>3</td>
</tr>
<tr>
<td>HUS 212</td>
<td>Behavior Problems</td>
<td>3</td>
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<tr>
<td>HUS 214</td>
<td>Crisis Intervention</td>
<td>3</td>
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<tr>
<td>HUS 223</td>
<td>Behavior Management</td>
<td>3</td>
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<td>Required Liberal Education Course (p. 192)</td>
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<tr>
<td>HSG 202</td>
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<td>Human Services Electives</td>
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Human Services Electives

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<tr>
<td>HSG 106</td>
<td>Experiential Learning in Human Svcs</td>
<td>1-3</td>
</tr>
<tr>
<td>HSG 125</td>
<td>Special Populations</td>
<td>3</td>
</tr>
<tr>
<td>HSG 150</td>
<td>Violence Against Women</td>
<td>3</td>
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<tr>
<td>HSG 253</td>
<td>Topics in Human Services</td>
<td>1-3</td>
</tr>
<tr>
<td>HSG 215</td>
<td>Basic Substance Abuse &amp; Treatment</td>
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<tr>
<td>SOC 215</td>
<td>Social Psychology</td>
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<td>SOC 225</td>
<td>Human Sexuality</td>
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<tr>
<td>ACC 100</td>
<td>Introductory Accounting</td>
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<tr>
<td>CRJ 101</td>
<td>Introduction to Criminal Justice</td>
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<tr>
<td>CRJ 110</td>
<td>Introduction to Corrections</td>
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<tr>
<td>CRJ 120</td>
<td>Introduction to Probation and Parole</td>
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Human Services - Core Courses

The Human Services Generalist and Substance Abuse Counseling programs of study require students to complete each of the following core courses in order to earn a certificate or degree in these areas.

HUS 102 Principles & Prac. of Human Services (3)  3.0
This course introduces students to the human service professions. Students analyze how the integration of information is used to provide services to people as well as begin exploring assessments and service planning. The impact of structures and dynamics of organizations, communities, and society on human services delivery is emphasized. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available. NOTE: This course is one of four core courses (HUS 102, HUS 110, HUS 200, HUS 205) students must complete for the Human Services Generalist, and Substance Abuse Counseling programs of study.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring

HUS 110 Issues in Human Services (3)  3.0
Students are introduced to a range of challenges, dilemmas, and issues in the human services field. Examples include welfare, domestic violence, racism/diversity, health/wellness, poverty, etc. Historical and current legislation affecting the delivery of human services is examined. Approaches used to provide services are explored. Students also study the changing family structure as well as organizational structures and communities. (1.2) NOTE: This course is one of four core courses (HUS 102, HUS 110, HUS 200, HUS 205) students must complete for the Human Services Generalist, and Substance Abuse Counseling programs of study. Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring

HUS 151 Rules and Regulations (3)  3.0
This course will review the regulations and ethics across a spectrum of human service endeavors. This will include the relevant laws and regulations regarding human services, mental health, substance abuse, and partner violence. This course will also review and discuss the ethical issues pertinent to all human services practitioners, and specifically to those working in the above specialties. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring

HSG 201 Field Experience I & Seminar (3)  3.0
Students develop skills to prepare them for the field experience courses required as part of their program of study. (1.2) Proficiency Credit Available (2 E1) Pass/No Credit Not Available. This course is one of four core courses (HUS 102, HUS 110, HUS 200, HUS 205) students must complete for the Human Services Generalist and Substance Abuse Counseling programs of study.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Consent of instructor (Student must successfully complete at least one Disposition and Personal Conduct form with their program instructor)
Semester(s) Offered: Fall and Spring
HUS 205 Introduction to Group Processes (3)  3,0
A course designed to introduce the student to the history of groups. A study of how small groups are used in human services settings, theories of group dynamics, and a strong emphasis on group facilitation skills. The course also covers the importance of diversity in managing small groups. The course provides students with the understanding of confidentiality, and the appropriate use of client data. Also, students have the opportunity to practice managing conflict, and establishing rapport with clients. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
Prerequisite: None
Semester(s) Offered: Fall and Spring

HUS 212 Behavior Problems (3)  3,0
This course surveys the biological, psychological, and sociological causes of differences in behavior. Classification and diagnostic categories will be discussed. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
Prerequisite: None
Semester(s) Offered: Fall and Spring

HUS 214 Crisis Intervention (3)  3,0
The purpose of this course is to give students a working knowledge of how to deal with persons in crisis. Special application of the concepts will be stressed. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
Prerequisite: None
Semester(s) Offered: Fall and Spring

HUG 223 Behavior Management (3)  3,0
This course will introduce students basic techniques of behavioral management used in the Human Services field. Emphasis will be placed on applying the strategies as well as ethical and legal considerations. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
Prerequisite: None
Semester(s) Offered: Fall and Spring

Human Services - Generalist Courses

HSG 106 Experiential Learning in Human Svcs (1-3)  1,0
(1-3, 0) This course is designed to promote growth and development as a professional in the area of Human Services that the student is studying. The student will participate in a variety of workshops, conferences, meetings, and/or service-learning opportunities as agreed upon by the instructor and the student. Verification and reflection of learning will be assessed by the instructor. This course will be taught as an independent study. This course is repeatable three times up to 3 credits.
(1.2) Proficiency Credit Not Available Pass/No Credit Not Available
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
Prerequisite: Effective Summer 2018: Consent of instructor
Semester(s) Offered: Fall and Spring

HSG 125 Special Populations (3)  3,0
This course will address special populations in substance abuse and mental health treatment. Special populations will be identified and issues regarding addiction and mental health; engagement strategies; treatment planning; and client and community education strategies will be discussed. Methods to gain cultural competence and to become a lifelong learner will be addressed. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
Prerequisite: None
Semester(s) Offered: Fall and Spring

HSG 150 Violence Against Women (3)  3,0
This course overviews of the problem of domestic violence toward women. The student will look at the history of the problem, current statistics, and societal attitudes. The course will examine the roles of men and women as well as the impact on children. The cycle of violence and power and control issues will be explored. The course will also explore sexual assault dynamics, treatment, and response as well as advocacy for the victim. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
Prerequisite: None
Semester(s) Offered: Fall
HSG 151 Rules and Regulations (3)  3,0
This course will review the regulations and ethics across a spectrum of human service endeavors. This will include the relevant laws and regulations regarding human services, mental health, substance abuse, and partner violence. This course will also review and discuss the ethical issues pertinent to all human services practitioners, and specifically to those working in the above specialties. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available NOTE: This course is offered concurrently as SUB 151. The student must decide whether to earn credits Human Services Generalist (HSG) or Substance Abuse Counseling (SUB) prior to enrolling.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring

HSG 201 Field Experience I & Seminar (3)  0,10
Training is a supervised opportunity for the student to have first-hand experience in an institutional setting that meets his/her area of interest. In this setting, it is expected that the student will develop proficiency and display the skills required to perform adequately on-the-job. (1.2) NOTE: One hundred fifty (150) hours of field work is required for this first experience, as well as weekly class sessions with instructor. Proficiency Credit Available (2 EI) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in HUS 102, HUS 110, HUS 200, HUS 205 or consent of instructor
Semester(s) Offered: Fall, Spring and Summer

HSG 202 Field Experience II & Seminar (3)  0,10
Training is a supervised opportunity for the student to have first-hand experience in an institutional setting that meets his/her area of interest. In this setting, it is expected that the student will develop proficiency and display the skills required to perform adequately on-the-job. (1.2) NOTE: One hundred fifty (150) hours of field work is required for this second experience, as well as weekly class sessions with the instructor. Proficiency Credit Available (2 EI/3) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: C or better in HSG 201
Semester(s) Offered: Fall, Spring and Summer

HSG 210 Working With Families (3)  3,0
This course is a course for human service students interested in learning theories of family functioning, and intervention approaches. Emphasis is placed on the integration of theory and practice. The course is designed so that students understand capacities, limitations, and strengths of clients, and families. The course provides the student with an understanding of human service delivery systems. The course also focuses on effective communication skills, client and professional relationship, and ethical practice. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring

HSG 211 Behavior Problems (3)  3,0
This course surveys the biological, psychological, and sociological causes of differences in behavior. Classification and diagnostic categories will be discussed. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring

HSG 213 Crisis Intervention (3)  3,0
The purpose of this course is to give students a working knowledge of how to deal with persons in crisis. Special application of the concepts will be stressed. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available NOTE: This course is offered concurrently as SUB 213. The student must decide whether to earn credits in Human Services Generalist (HSG), or Substance Abuse Counseling (SUB) prior to enrolling.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring

HSG 215 Basic Substance Abuse & Treatment (3)  3,0
This course will introduce the student to the nature and extent of substance abuse. Clinical manifestations and methods of treatment will be discussed. Concepts and resources in helping the substance abuser and his/her social environment will be included. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available NOTE: This course is offered concurrently as SUB 215. The student must decide whether to earn credits in Human Services Generalist (HSG) or Substance Abuse Counseling (SUB) prior to enrolling.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring
Human Services - Substance Abuse

ECC's program in substance abuse counseling prepares students to help people with substance use disorders manage their disease and choose pathways to recovery. It leads to employment in social service, education, and healthcare fields.

Accreditation
The Human Services-Substance Abuse Program is accredited by the Illinois Alcohol and Other Drug Abuse Professional Certification Association, Inc. (IAODAPCA), the Council for Standards in Human Services Education (CSHSE), and by the National Addiction Studies Accreditation Commission (NASAC).

Entrance Requirements
None

Program Requirements
Students must provide their own transportation to and from field experience sites.

Persons recovering from drug and/or alcohol dependency and considering substance abuse counseling as a program of study are strongly encouraged to have two consecutive years of abstinence before enrolling in SUB 201 Field Experience I and Seminar and before seeking employment.

Certification Information
To earn the advanced certification from Illinois Alcohol and Other Drug Abuse Professional Certification Association, Inc. (IAODAPCA), ECC students must:

1. Successfully complete the Associate of Applied Science degree in human services, substance abuse counseling option; or
2. Have an associate degree or higher in a related field and complete the Vocational Specialist certificate in substance abuse counseling; and
3. Successfully pass a certification exam administered by IAODAPCA.

To earn preparatory certification as a substance abuse counselor through IAODAPCA, ECC students must:

1. Successfully complete a minimum of the Vocational Specialist certificate in substance abuse counseling.
2. Successfully pass a certification exam administered by IAODAPCA; and
3. Complete 4,000 hours of related, paid, supervised work experience. (The number of hours required will be decreased with advanced degrees.)

Waiver of General Education Requirements
An ECC student is expected to complete the general education requirements as outlined in each associate degree unless she/he has already received a bachelor's degree from an accredited American college or university. Credit earned for academic courses completed at an institution in a country other than the U.S. may be accepted if it is recommended by Education Credential Evaluators (ECE) or World Education Services (WES). An individual with a baccalaureate degree (or higher) will have his/her general education courses within an associate degree considered for transfer. Contact a transfer specialist in the Records Office for more information.

Transferability
The Associate of Applied Science in human services transfers to many four-year institutions. See a list of these institutions at elgin.edu/humanservices (http://www.elgin.edu/humanservices/).

- Demonstrate knowledge and theory of the interaction of human systems including: individual, interpersonal, group, family, organizational, community, and societal.
- Develop knowledge and skill development in systematic analysis of service needs; planning appropriate strategies, services, and implementation; and evaluation of outcomes.
- Incorporate human service values and attitudes and promote understanding of human services ethics and their application in practice.
- Develop awareness of the students' own values, personalities, reaction patterns, interpersonal styles, and limitations.
- Develop an awareness of the interaction between biology and environment in the etiology of and recovery from addiction.
- Demonstrate the interaction of outreach, assessment, and appropriate treatment and intervention methods in the effort to treat the addicted individual, serve those emotionally close to the addict, and ease the burden of addiction on society.

Human Services Substance Abuse Counseling Option - Associate of Applied Science

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUS 102</td>
<td>Principles &amp; Prac. of Human Services</td>
<td>3</td>
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Human Services - Core Courses

The Human Services Generalist and Substance Abuse Counseling programs of study require students to complete each of the following core courses in order to earn a certificate or degree in these areas.

HUS 102 Principles & Prac. of Human Services (3)  3.0
This course introduces students to the human service professions. Students analyze how the integration of information is used to provide services to people as well as begin exploring assessments and service planning. The impact of structures and dynamics of organizations, communities, and society on human services delivery is emphasized. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available
NOTE: This course is one of four core courses (HUS 102, HUS 110, HUS 200, HUS 205) students must complete for the Human Services Generalist, and Substance Abuse Counseling programs of study.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: None
Semester(s) Offered: Fall and Spring
HUS 110 Issues in Human Services (3)  3.0
Students are introduced to a range of challenges, dilemmas, and issues in the human services field. Examples include welfare, domestic violence, racism/diversity, health/wellness, poverty, etc. Historical and current legislation affecting the delivery of human services is examined. Approaches used to provide services are explored. Students also study the changing family structure as well as organizational structures and communities. (1.2) NOTE: This course is one of four core courses (HUS 102, HUS 110, HUS 200, HUS 205) students must complete for the Human Services Generalist, and Substance Abuse Counseling programs of study. Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: None
Semester(s) Offered: Fall and Spring
HUS 205 Introduction to Group Processes (3)
This course is one of four core courses (HUS 102, HUS 110, HUS 200, HUS 205) students must complete for the Human Services Generalist, and Substance Abuse Counseling programs of study. Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: None
Semester(s) Offered: Fall and Spring

Human Services Overview

All HSG, HUS, and SUB courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.
HUS 200 Pre-Field Experience (3)  3,0
This course will prepare the student for a successful field experience class. A successful field experience includes three significant aspects of student’s development: personal, professional, and civic. Students will develop skills to prepare them for the field experience courses required as part of their program of study. (1.2) Proficiency Credit Available (2 EI) Pass/No Credit Not Available NOTE: This course is one of four core courses (HUS 102, HUS 110, HUS 200, HUS 205) students must complete for the Human Services Generalist and Substance Abuse Counseling programs of study.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Consent of instructor (Student must successfully complete at least one Disposition and Personal Conduct form with their program instructor)
Semester(s) Offered: Fall and Spring

HUS 205 Introduction to Group Processes (3)  3,0
A course designed to introduce the student to the history of groups. A study of how small groups are used in human services settings, theories of group dynamics, and a strong emphasis on group facilitation skills. The course also covers the importance of diversity in managing small groups. The course provides students with the understanding of confidentiality, and the appropriate use of client data. Also, students have the opportunity to practice managing conflict, and establishing rapport with clients. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available NOTE: This course is one of four core courses (HUS 102, HUS 110, HUS 200, HUS 205) students must complete for the Human Services Generalist and Substance Abuse Counseling programs of study.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring

HUS 223 Behavior Management (3)  3,0
This course will introduce students basic techniques of behavioral management used in the Human Services field. Emphasis will be placed on applying the strategies as well as ethical and legal considerations. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring

Human Services - Substance Abuse Courses

SUB 106 Experiential Learning in Human Svcs (1-3)  1,0
(1-3, 0) This course is designed to promote growth and development as a professional in the area of Human Services that the student is studying. The student will participate in a variety of workshops, conferences, meetings, and/or service-learning opportunities as agreed upon by the instructor and the student. Verification and reflection of learning will be assessed by the instructor. This course will be taught as an independent study. This course is repeatable three times up to 3 credits. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available NOTE: This course is offered concurrently as HSG 106. The student must decide whether to earn credits in Human Service (HUS) or Substance Abuse (SUB) prior to enrolling.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Effective Summer 2018: Consent of instructor Prerequisite through Spring 2018: None
Semester(s) Offered: Fall and Spring

SUB 122 Basic Substance Abuse Pharmacology (3)  3,0
This course will address the impact that substances of abuse have on the neurological functioning of the human organism; the impact of substances of abuse on other organ systems; the effect of substance use and addiction on behavioral functioning and human development; the physical process of addiction and recovery; the impact neurological and physical dysfunctions have on assessment and treatment planning; and the history of classifications of substances of abuse. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring
SUB 125 Special Populations (3) 3,0
This course will address special populations in substance abuse and mental health treatment. Special populations will be identified and issues regarding addiction and mental health; engagement strategies; treatment planning; and client and community education strategies will be discussed. Methods to gain cultural competence and to become a lifelong learner will be addressed. (1.2) Proficiency Credit Not Available Pass/No Credit Available NOTE: This course is offered concurrently as HSG 125. The student must decide whether to earn credits in Substance Abuse Counseling (SUB) or Human Services Generalist (HSG) prior to enrolling.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: None
Semester(s) Offered: Fall and Spring

SUB 201 Field Experience I and Seminar (4) 0,15
Training is a supervised opportunity for the student to have first-hand experience in an institutional setting that meets his/her area of interest. In this setting, it is expected that the student will develop proficiency and display the skills required to perform adequately on-the-job. (1.2) Proficiency Credit Not Available Pass/No Credit Available

In-District Tuition/Fees: $528 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Grade of C or better in HUS 102, HUS 200, HUS 205, SUB 122, SUB 151, SUB 215 or consent of instructor
Semester(s) Offered: Fall, Spring and Summer

SUB 202 Field Experience II and Seminar (4) 0,15
Training is a supervised opportunity for the student to have first-hand experience in an institutional setting that meets his/her area of interest. In this setting, it is expected that the student will develop proficiency and display the skills required to perform adequately on-the-job. (1.2) NOTE: Two hundred and forty (240) hours of field work is required as well as weekly class sessions with the instructor. Proficiency Credit Not Available Pass/No Credit Not Available

In-District Tuition/Fees: $528 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Grade of C or better in SUB 201
Semester(s) Offered: Fall, Spring and Summer

SUB 215 Basic Substance Abuse & Treatment (3) 3,0
This course will introduce the student to the nature and extent of substance abuse. Clinical manifestations and methods of treatment will be discussed. Concepts and resources in helping the substance abuser and his/her social environment will be included. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available NOTE: This course is offered concurrently as HSG 215. The student must decide whether to earn credits in Substance Abuse Counseling (SUB) or Human Services (HSG) prior to enrolling.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: None
Semester(s) Offered: Fall and Spring

IST/Maintenance Technology

ECC's Industrial Maintenance Program focuses on hands-on training in the fields of electricity, automation, mechanical systems, pneumatics, and hydraulics. The industrial maintenance certificates were designed and vetted with industry input. Students who earn certificates from ECC will have the breadth of skills necessary to enter the workforce. Well-trained maintenance workers are crucial in helping any organization maintain production schedules and save time and money. ECC's industrial maintenance program is suitable for those with no previous experience, for those who seek specialization or skills upgrade, and/or for those who seek quick entry into the workforce.

The curriculum is performance-based/student-centered and provides the information and knowledge for employment in jobs requiring multiple maintenance competencies. ECC's labs possess state-of-the-art trainers that students use to understand concepts, sharpen their skills, and become proficient troubleshooters. Faculty members are proven technicians with years of field experience.

Students who complete the program may find employment as industrial maintenance, process automation, electrical-automation, and supply chain technicians.

Entrance Requirements
None

Program Requirements
None

IST/Maintenance Technology - Associate of Applied Science

Course Title Credit Hours

First Semester
IST 105 Electrical Control Circuits 3
IST 110 Electrical Motor Control 3
IST 120 Hydraulics 3
IST 125 Pneumatics 3
BUS 101 Business Communications 3

Total 15

Second Semester
IST 130 Basic Mechanical Drives 3
IST 140 Programmable Controllers I 3
IST 142 Programmable Controllers II 3
IMT 107 Technical Math I or Technical Math II 4
BUS 142 Report Writing 3

Total 16

Third Semester
IST 135 Industrial Power/Piping Systems 4
IST 122 Hydraulics Troubleshooting 3
IMT 103 Industrial Manufacturing Tech I 3
WEL 101 Welding I 2.5
Required Social or Behavioral Sciences Course (p. 192) 3

Total 15.5

Fourth Semester
IST 235 AC Drives 3
IST 245 Advanced Programmable Controllers 3
WEL 102 Welding II 4
IST 105 Electrical Control Circuits (3)  2,2
In this course, students will learn lockout-tag-out procedures and how to read and develop ladder logic diagrams. Students will study 3-phase motor control systems, and the components of a 3-phase motor control system. Students will learn to troubleshoot a 3-phase motor control system with practical faults inserted.(1.2) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $471 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). 
Prerequisite: Grade of C or better in IST 105 or HAC 114
Semester(s) Offered: Fall

IST 120 Hydraulics (3)  2,2
Students will learn about basic and intermediate hydraulic component systems. Students will learn how to read a hydraulic diagram, how to interpret various hydraulic symbols, and how to apply these components to a hydraulic system. Students will also learn how to read a pressure gauge. They learn to apply simple deductive problem-solving techniques in relation to a hydraulic system. Students will learn Pascal’s Law and other hydraulic fundamentals. Finally, students will troubleshoot a hydraulic system, using real-world faults. (1.2) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $471 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). 
Prerequisite: None
Semester(s) Offered: Fall

IST 122 Hydraulics Troubleshooting (3)  2,2
Students will learn to troubleshoot and repair a hydraulic system with real-world faults installed. They will learn how various components work in a hydraulics system and how they interact with other components. They will learn how to take pressure and flow readings. (1.2) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $471 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). 
Prerequisite: None
Semester(s) Offered: Fall

IST 125 Pneumatics (3)  2,2
Students will learn about basic and intermediate pneumatic component systems. Students will learn how to read pressure guages and how to assemble a simple pneumatic system. Students will learn how a pneumatic system works, how to read pneumatic schematics, and how to identify different pneumatic components in a system. Students will learn how to read pressure gauges and how to assemble a simple pneumatic system. Students will also learn how to wire an electro-pneumatic device using a ladder logic diagram.(1.2) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $471 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). 
Prerequisite: None
Semester(s) Offered: Spring

IST/Maintenance Technology Courses

All IST courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.

IST 105 Electrical Control Circuits (3)  2,2
Students will learn the fundamentals of basic (DC) electricity, including series, parallel, and combination circuits. The fundamentals of inductors and capacitors are also studied.(1.2) Proficiency Credit Available Pass/No Credit Available.
In-District Tuition/Fees: $471 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall
IST 130 Basic Mechanical Drives (3) 2,2
Students will learn how to align and level a motor and how to align various shafts to a motor. Students will also install drive belts and drive chains to a motor. Students will learn how to use various tools to measure belt and chain tension and how to use various specialized tools and measuring devices such as calipers and micrometers when installing mechanical devices. (1.2) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $471 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Spring

IST 135 Industrial Power/Piping Systems (4) 2,4
In this course the student will learn the various piping methods that are used in industrial applications. The student will learn how to connect and install various styles of metal and plastic pipes, how to read symbols used in piping installations, and how to bend and install conduit piping. The National Electrical Code (NEC) will be used to identify safety practices and selecting circuit protection in an industrial setting. (1.2) Proficiency Credit Available (2 SIE) Pass/No Credit Not Available.
In-District Tuition/Fees: $528 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in HAC 114 or IST 105 or IST 110 Semester(s) Offered: Fall, Spring and Summer

IST 140 Programmable Controllers I (3) 2,2
This course offers students the fundamentals of a Programmable Logic Controller (PLC) using the Allen Bradley SLC 500 PLC. Students learn the basic parts of a PLC system, digital fundamentals, and PLC addressing. Students also learn how to troubleshoot and repair a PLC when a 'real world' fault is inserted. (1.2) Proficiency Credit Available Pass/No Credit Available.
In-District Tuition/Fees: $471 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Prerequisite: Grade of C or better in IST 110 Semester(s) Offered: Fall

IST 142 Programmable Controllers II (3) 2,2
This course is an extension of IST 140. Students learn to program an Allen Bradley SLC500 PLC for advanced sequencing operation. Students also learn to program timers and counters that are used in a PLC application, as well as to write a PLC program using advanced math and data functions. The troubleshooting section from IST 140 is also used during the course. (1.2) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $471 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in IST 140 Semester(s) Offered: Fall

IST 235 AC Drives (3) 2,2
The student will learn the theory and practical fundamentals of AC Drive systems including servomotor, vector drive motor, and a variable speed drive motor. They will also learn the various types of troubleshooting techniques and procedures and be exposed to real world faults that are inserted into any of the various types of drive systems. The student will also learn advanced motor control principals including SRC units, power generation and distribution, and reduced voltage starting methods. Finally, the student will wire a motor control panel using an electrical print. (1.2) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $471 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in IST 110 or consent of instructor Semester(s) Offered: Spring

IST 245 Advanced Programmable Controllers (3) 2,2
This is an advanced Programmable Logic Controllers (PLC) course. In this course, students will learn to program an Input/Output Allen Bradley Analog module card. They will learn how data sampling takes place and how this module card interfaces with 'real world' devices. Students will also learn how to set up and program the Allen Bradley PLC for DH485 and RIO Communication. In the final part of this course, students will learn how to set up and program Panelview software to communicate with an Allen Bradley PLC program. (1.2) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $471 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Prerequisite: Grade of C or better in IST 142 Semester(s) Offered: Spring

Massage Therapy

Massage therapy is an accepted, effective, versatile, and noninvasive treatment option for pain management and stress relief. Research has shown that it is also a beneficial aid in the treatment of anxiety, depression, sleep disorders, immune disorders, and so much more. With the Western medical community focusing more on prevention of disease, massage therapy can play a vital role in supporting overall health and wellness.

The COMTA-accredited Massage Therapy Program at Elgin Community College provides students with a multidimensional education that prepares them for state licensure and holistic careers that address body, mind, and spirit. ECC has spacious, modern facilities, experienced instructors, and flexible class schedules. Massage therapy is projected to have faster than average job growth over the next several years. A career in massage therapy can be flexible and is well suited for self-directed individuals. Full- and part-time opportunities exist in clinics, day spas, physicians’ offices, fitness centers, cruise ships, hotels, resorts, or self-employment.

Accreditation

The Massage Therapy Program is accredited by:

The Commission on Massage Therapy Accreditation (COMTA)
2101 Wilson Blvd, Suite 302
Arlington, VA 22201
202-888-67908
The program also holds school memberships in the American Massage Therapy Association (AMTA) and Associated Bodyworkers and Massage Professionals (ABMP).

**Entrance Requirements**

- Complete MAS 100 Introduction to Massage Therapy with a 75% or better and score a 68% or better on the written final exam.
- Score in the 25th percentile or better in each section of the PSB-HOA exam (Note: students who achieve an 85% or better on the MAS 100 Introduction to Massage Therapy written final exam are exempt from taking the PSB-HOA exam; students who score in the 12th to 24th percentile of the PSB after the second attempt may be granted conditional part-time admission to the Massage Therapy Program).
- High school diploma, high school equivalency, or 60+ college-level credits.

Preference is given to candidates who are legal residents of Community College District 509, Elgin Community College. Working in-district does not meet this requirement. Qualified applicants from other districts may be considered if space is available. Go to elgin.edu/jointagreements (http://www.elgin.edu/jointagreements/) to learn more.

**Admission Procedures**

Admission to the program is selective. For more information, please see admission requirements (https://elgin.edu/academics/departments/massage-therapy/program-admissions/).

**Program Requirements**

Students must complete all required courses with grades of C or better and pass a state-approved licensing exam (MBLEx) to be eligible to apply for an Illinois state massage license. Students must provide their own uniforms and transportation to and from all clinical sites.

**Policies and Procedures**

All students applying to the Massage Therapy Program must successfully complete MAS 100 Introduction to Massage Therapy. Health professions applications will be distributed in MAS 100 Introduction to Massage Therapy. Students admitted to the program will also be required to attend an orientation before massage therapy classes begin. A valid Social Security number is needed to apply for licensing/certification exams.

The standards, policies, and procedures of the Massage Therapy Program are published in the massage therapy student handbook. Copies of the student handbook may be obtained online at elgin.edu/massage (http://elgin.edu/massage/).

It is the mission of the massage therapy department to support Elgin Community College in “Improving People's Lives through Learning”. To that end, we will provide students highly trained instructors, an education that exceeds set standards, opportunities to give back to their community with time and service, and relevant challenges to learn, think, and act using critical thinking skills, a compassionate heart, and well trained hands.

1. The program will prepare graduates who possess skills and knowledge that will function as competent massage therapists.

**Outcomes:**

- Demonstrate knowledge and skills necessary to function as a licensed massage therapist in today’s health care environment.
- Practice effective, safe and hygienic techniques for the client and him/herself.

2. The graduates will demonstrate proficiency in problem-solving and critical thinking skills.

**Outcomes:**

- Apply knowledge of principles, indications and contraindications of massage therapy techniques.
- Demonstrate proficiency in problem-solving and critical thinking skills by modifying and adapting procedures and techniques to accommodate the client’s condition and other variables.
- Collect, document and analyze written, verbal and observed data to create client treatment plan of care.

3. The graduate will practice effective communication in the therapeutic setting.

**Outcomes:**

- Demonstrate effective oral and written communication skills with clients and health care providers.
- Demonstrate effective use of body language.
- Perform comprehensive client assessment.
- Document client care in a manner that meets state, federal and regulatory agency guidelines.

4. The graduate will conduct him or herself in a professional and ethical manner.

**Outcomes:**

- Demonstrate professional behaviors as outlined by the Principles of Ethics for Massage Therapists from the American Massage Therapy Association (AMTA).
- Apply concepts of multi-cultural awareness in professional behavior in the therapeutic environment.

5. To provide the healthcare community with qualified massage therapists.

**Outcomes:**

- First time pass rates of graduates on the MBLEx licensing exam will be consistent with or above the national passing rates each year of the exam, with a minimum pass rate of 75%.
- Demonstrate awareness of research literature and technology usage that provide tools necessary to become lifelong learners.

### Massage Therapy - Vocational Specialist

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>First Semester</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MAS 110</td>
<td>Theory &amp; Fundamentals of Massage</td>
<td>3</td>
</tr>
<tr>
<td>MAS 115</td>
<td>Wellness Concepts</td>
<td>1.5</td>
</tr>
<tr>
<td>MAS 120</td>
<td>A &amp; P for Massage Therapists I</td>
<td>3</td>
</tr>
<tr>
<td>MAS 125</td>
<td>Musculoskeletal Palpation I</td>
<td>2</td>
</tr>
<tr>
<td>MAS 130</td>
<td>Basic Massage and Bodywork</td>
<td>5</td>
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<tr>
<td>MAS 141</td>
<td>Massage Practice Clinic I</td>
<td>1</td>
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<td><strong>Total</strong></td>
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| **Second Semester** |                                            |              |
| MAS 210  | Pathology & Pharmaceuticals                | 2.5          |
| MAS 215  | Applied Therapies                         | 4            |
Massage Therapy Courses

Students must successfully complete MAS 100 Introduction to Massage Therapy before submitting the health professions application and before taking any additional massage therapy classes. The massage therapy program application is given to students upon successful completion of MAS 100 Introduction to Massage Therapy.

Appropriate PSB-HOA test scores may be required for the Massage Therapy (MAS) Program after completion of MAS 100 Introduction to Massage Therapy. For more information, please refer to elgin.edu/massage (https://elgin.edu/academics/departments/massage-therapy/).

MAS 100 Introduction to Massage Therapy (1.5) 1,5,0
This course is required to apply to the Massage Therapy program. It is an introduction to the basic theory, principles, and techniques of therapeutic massage. Students will be introduced to massage therapy, basic massage techniques, the concepts of quality of touch, contraindications, endangerment sites, safety and sanitation and body mechanics for the therapist, as well as basic anatomy and simple recognition of selected muscle groups and bones. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $233 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

MAS 115 Wellness Concepts (1.5) 1,5,0
This course is intended to provide the student with a strong understanding of the fundamental concepts of illness and health, personal wellness and responsibility, as well as in a larger context of connection with other people and planetary responsibility. Students will learn to correlate personal wellness with the concepts and practice of responsibility, breathing and sensing, eating, exercise, thinking, work and play, communication, intimacy, and higher meaning in life. Cancer, geriatrics, and HIV/AIDS, as related to the massage therapy profession, are also introduced. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $228 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in MAS 100 and acceptance into the massage therapy program
Semester(s) Offered: Fall and Spring

MAS 120 A & P for Massage Therapists I (3) 3,0
Anatomy and Physiology is the study of the structural and functional relationships and homeostasis of body systems. The course incorporates the systems approach and integration of the systems into one functioning unit - the human body. (1.2) Proficiency Credit Available (2 MITH) Pass/No Credit Not Available.

In-District Tuition/Fees: $446 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in MAS 100 and acceptance into the massage therapy program
Semester(s) Offered: Fall and Spring

MAS 125 Musculoskeletal Palpation I (2) 2,0
This course provides an opportunity to learn muscles, bony landmarks and surface features on an individual basis, emphasizing origins, insertions, and actions of muscles. Palpation, examination through touch, is an integral part of the learning process and is part of each class. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $314 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in MAS 100 and acceptance into the massage therapy program
Semester(s) Offered: Fall and Spring

MAS 130 Basic Massage and Bodywork (5) 4,2
This course teaches students to administer a full-body, one-hour Swedish massage using a variety of strokes, correct draping, proper sanitation and healthy body mechanics. A therapeutic movement component is incorporated to assist students with balance, core strengthening, and stretching. Chair and Event Massage is introduced. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $905 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in MAS 100 and acceptance into the massage therapy program
Semester(s) Offered: Fall and Spring
MAS 140 Community Outreach (.5) 0.1
Effective 2020 Summer this course will be withdrawn. Students select from a variety of instructor-supervised community events to perform clothed seated or table massage, completing 16 event hours during the program. Students will learn how to set up and break down physical spaces not designed specifically for therapeutic massage sessions, interact with a variety of populations, perform event intake, and practice short massage sequences. Events may include, but not be limited to, sporting events, college outreach events, and local area agency outreach.
(1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/massage (http://www.elgin.edu/massage/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Massage Therapy (MAS) program. For more information please refer to elgin.edu/massage (http://elgin.edu/massage/).

In-District Tuition/Fees: $216 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in MAS 130.

Semester(s) Offered: Varies

MAS 141 Massage Practice Clinic I (1) 0.2
This course is designed to provide students with their first clinical experience with the public. With a clinic instructor on-site, students will practice client history taking and charting, practice massage technique, body mechanics, and therapeutic communication in a clinic setting. Students will apply skills to the level learned in their technique class on fellow classmates and members of the community. Students will receive instruction and correction during the massage sessions from the instructor and be evaluated by the clients. Each class meeting includes a lecture and assessment component to expand hands-on learning into applicable critical thinking skills. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/massage (http://www.elgin.edu/massage/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Massage Therapy (MAS) program. For more information please refer to elgin.edu/massage (http://elgin.edu/massage/).

In-District Tuition/Fees: $252 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in MAS 130 or concurrent enrollment in MAS 130

Semester(s) Offered: Fall and Spring

MAS 142 Massage Practice Clinic II (1) 0.2
In this course, students perform full-body massage therapy treatments on the public. Students will further develop their skills in communication, critical thinking, technique, centering, qualities of touch, timing, body mechanics, and charting. As additional modalities and advanced techniques are learned, they are incorporated into the massage. Instructors use a portion of each class to lecture and discuss each client interaction to foster critical thinking skills for each unique treatment session. This course moves the student from general Swedish massage to individualized treatment. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $232 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: MAS 141

Semester(s) Offered: Spring and Summer

MAS 210 Pathology & Pharmaceuticals (2.5) 2.5,0
This course will provide the student with a strong understanding of specific pathologies for each system of the body as well as indications and contraindications for massage therapy treatment. Students will learn to identify major classes of pharmaceuticals and consider their impact when designing a massage session. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $360 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in MAS 110

Semester(s) Offered: Spring and Summer

MAS 215 Applied Therapies (4) 3.5,1
This course addresses the basic principles of hydrotherapy, active and passive stretching, proprioceptive neuromuscular facilitation, reciprocal inhibition, trigger point therapy, deep tissue techniques and aromatherapy. Massage therapy indications and contraindications for treatment of specific special populations will be discussed. Students practice assessing and treating using critical thinking skills based on content presented. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $728 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in MAS 130

Semester(s) Offered: Spring and Summer

MAS 220 A & P for Massage Therapists II (3) 3.0
This course is a continuation of the considerations of the structural and functional relationships and homeostasis of body systems started in MAS 120. The principles of kinesiology, postural assessment and gait analysis are introduced. This course incorporates the systems approach and integration of the systems into one functioning unit - the human body. A cadaver study is included in the course. (1.2) Proficiency Credit Available (2 MT) Pass/No Credit Not Available.

In-District Tuition/Fees: $446 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in MAS 120

Semester(s) Offered: Fall and Spring
MAS 225 Musculoskeletal Palpation II (1.5)  1.5,0  
This course provides an opportunity to learn muscles, bony landmarks and surface features on an individual basis, emphasizing origins, insertions, and actions of muscles. Palpation, examination through touch, is an integral part of the learning process and is part of each class. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $318 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in MAS 125
Semester(s) Offered: Spring and Summer

MAS 230 Supplemental Massage Techniques (3.5)  2.5,2  
Through both lecture and hands-on practice this course introduces adjunct and advanced modalities that will deepen knowledge of body systems, techniques and tools to establish a well-rounded practice. Topics covered will be, but are not limited to, Craniosacral Technique, Manual Lymphatic Drainage, Myofascial Release, prenatal and side-lying massage, infant massage, body scrubs, assistive tools, hot stone massage, connecting style massage, and massage at a sporting event. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $662 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in MAS 130
Semester(s) Offered: Fall and Spring

MAS 235 Eastern/Energetic Theory & Technique (2.5)  2.5,0  
This course further develops the student’s awareness and ability to apply the subtle, natural energy systems of the body in a therapeutic treatment session. Eastern wellness philosophy and application is introduced through basic concepts of traditional Chinese medicine, meridians, acupressure, reflexology and shiatsu. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $430 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in MAS 130
Semester(s) Offered: Fall and Summer

MAS 240 Clinical Case Report (1)  .5,1  
Students are assigned one client to treat in the massage clinic under the supervision and guidance of a clinical instructor. The focus of this class is researching pathologies, pharmaceuticals, and executing treatment while considering the contraindications and indications of their client. Students will work with the same client for the duration of the class, creating a unique treatment plan and writing a case study report. The case study format will follow Massage Therapy Foundation (MTF) guidelines and may be submitted to the MTF Student Case Study contest. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $232 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: MAS 142 and MAS 210
Semester(s) Offered: Fall and Summer

MAS 243 Massage Therapy Practice Clinic III (1.5)  0,3  
Under the supervision of instructors, students apply principles, techniques, and procedures learned to assess and treat clients, who are members of the community, individually in a setting that simulates a professional therapeutic massage practice. Students will serve as, and gain experience as, both as a massage therapist and an office manager. Students will also practice short massage event sequences and appropriate event intake. Students will demonstrate professional therapeutic communication skills, the proper application of both basic and more advanced bodywork techniques, proper body mechanics and draping techniques, use proper safety and sanitation practices, demonstrate critical thinking skills, and create documentation of each session. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $493 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: MAS 142
Semester(s) Offered: Fall and Summer

MAS 250 Business for Massage Therapists (2.5)  2.5,0  
In this course students will learn the fundamentals of massage therapy business. Course topics will focus on the business plan, ethics, record-keeping, finances, policies, procedures, professionalism, communications, marketing and advertising. Students will discuss target markets, as well as identify success strategies and obstacles to success when managing a business. Local business people will present during this course, sharing their experiences with students. Students will create a resume and cover letter and practice interview skills based on their new profession as a massage therapist. Professional development, client retention and career longevity will also be a focus of the course. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $360 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in MAS 110
Semester(s) Offered: Fall and Summer

**Medical Imaging - Radiography**

Radiologic technologists (radiographers) are needed in every health care setting, including hospitals, outpatient clinics, and physicians’ offices. Radiographers are essential members of the healthcare team performing radiologic procedures that are vital to the diagnosis of many injuries and medical conditions. When a patient is having an X-ray or other diagnostic imaging procedure, the radiographer positions the patient, operates the equipment to record the image, and then provides the image to a radiologist for diagnosis. Clinical specialties within the profession range from orthopedics to cardiac catheterization. Elgin Community College’s Radiography Program has a well-deserved reputation. Graduates of ECC’s program are highly skilled and qualified to sit for the national certification examination by the American Registry of Radiologic Technologists (ARRT) and are ready to enter a profession that combines technology with compassion. There are a variety of specialties that you can pursue following your successful completion of ECC's Radiography Program. ECC offers advanced certificate programs in the specialties of mammography, computed tomography, and magnetic resonance. The boundaries of your career in radiologic technology are determined only by your own abilities and interests.
Accreditation
The Radiography Program is accredited by
The Joint Review Committee on Education in Radiologic Technology (JRCERT)
20 N. Wacker Drive, Suite 2850
Chicago, IL 60606
312-704-5300
jcert.org (http://www.jc CERT.org)

Entrance Requirements
All requirements below (except BIO 245 Human Anatomy and Physiology I) must be completed prior to the December 15th application deadline.

• Score in the 25th percentile or better in each section of the PSB-HOA exam.

Successful completion with a grade of C or better in 5 prerequisite courses:

• BIO 110 Principles of Biology or equivalent.
• HPE 112 Intro to Medical Terminology or equivalent.
• College-level math (MTH 102 General Education Statistics preferred) or equivalent.
• PSY 100 Intro to Psychology or equivalent.
• BIO 245 Human Anatomy and Physiology I or equivalent (must be completed prior to summer enrollment in the program).

All applicants will be ranked based on these requirements and the top 16 qualified applicants will be selected for admission to the Radiography Program. Refer to elgin.edu/radiography (http://www.elgin.edu/radiography/) for a description of the applicant screening process. Students from districts outside of District 509 may apply. Go to elgin.edu/jointagreements (http://www.elgin.edu/jointagreements/) to learn more.

Admission Procedures
Admission to the program is selective. For more information, please see admission requirements (https://elgin.edu/academics/departments/medical-imaging/program-admissions/).

Program Requirements
Students must complete all required courses with grades of C or better and meet graduation requirements in order to be eligible to apply to sit for the ARRT national certification exam in radiography offered by the American Registry of Radiologic Technologists and to be eligible for IEMA-DNS state licensure. Prior credits in BIO 245 Human Anatomy and Physiology I/BIO 246 Human Anatomy and Physiology II must have been earned within the last 10 years. Students must provide their own uniforms and transportation to and from all clinical sites.

Policies and Procedures for the Radiography Program
All students applying to the Radiography Program attend a face-to-face information session prior to applying to the program. To register for an information session go to elgin.edu/visitecc (http://www.elgin.edu/visitecc/). Students admitted to the program will be required to attend an orientation meeting in March before radiography classes begin.

Any student demonstrating a positive background check will be denied admission to any health professions program.

Before attending clinical training, students must submit documentation through the Castlebranch portal including: completed medical form which includes proof of immunizations/titer results, proof of health insurance coverage, TB test, and proof of healthcare provider CPR certification. Background checks and drug testing are also conducted through Castlebranch.

Health professions students will be required to update their drug test, TB test/TB survey, and flu vaccine information on an annual basis. Any student demonstrating a positive drug test will be dismissed from the health professions division.

The standards, policies, and procedures of the Radiography Program are published in the radiography student handbook. Copies of the student handbook may be obtained online at elgin.edu/radiography (http://www.elgin.edu/radiography/).

MISSION AND GOALS—Radiography Program

Program Mission
Elgin Community College’s radiography program is a JRCERT-accredited associate degree program that provides accessible and relevant education in accordance with the highest professional standards. The program, in partnership with its clinical partners, will graduate competent radiographers who practice excellent patient-centered care to the diverse populations within the community.

Program Goals and Expected Outcomes
The Program will graduate competent radiographers.
Expected outcomes: Students/graduates will produce quality radiographs by:

• Producing quality radiographic images.
• Practicing effective radiation safety for the patient, him or herself and others.
• Demonstrating overall competence in clinical practice.

The student/graduate will develop and practice proficiency in problem-solving and critical thinking skills.
Expected outcomes: Students/graduates will demonstrate proficiency in problem-solving and critical thinking skills by:

• Modifying standard procedures to accommodate patient conditions and other variables
• Determining the need and adapting exposure factors for various patient conditions, equipment, accessories and contrast media to maintain appropriate radiographic quality.
• Evaluating radiographic images for appropriate positioning and image quality and make appropriate adjustments to obtain a diagnostic radiographic image.

The student/graduate will practice effective communication skills in the clinical setting.
Expected outcomes: Students/graduates will practice effective communication skills in the clinical setting by:

• Demonstrating effective communication skills.
The student/graduate will conduct him or herself in a professional manner.

Expected outcomes: Students/graduates will conduct him or herself in a professional manner by:

• Demonstrating professional values and behavior in clinical practice.
• Demonstrating professional growth through participation in lifelong learning.

The student/graduate will provide excellent patient care for a diverse population of patients.

Expected outcomes: Students/graduates will provide excellent patient care for a diverse population of patients by:

• Demonstrating increased understanding of the importance of cultural competence in clinical practice.
• Demonstrating increased awareness of current trends and changes in healthcare affecting the global population.

The program will provide the healthcare community with qualified radiographers.

Expected outcomes:

• A retention rate of 75 percent or higher.
• The 5-year average employment rate of graduates within one year of graduation will be 75 percent or greater. A positive outcome is defined as employment in the field for those graduates who declare they are actively seeking employment in the field or are pursuing continued education in the field.
• First-time pass rates of graduate cohorts on the ARRT credentialing exam will be consistent with or above the national passing rates each year of the exam, with a minimum pass rate of 75 percent.
• Mean scores of graduate cohorts on the ARRT credentialing exam will be consistent with or above the national mean scores each year.
• The mean score on the employers’ satisfaction survey of the graduates’ preparation for employment will be 3.0 (meets expectations) or higher on a 5.0 (exceeds expectations) point scale.

Radiography - Associate of Applied Science

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<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
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<td>First Semester</td>
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<tr>
<td>RAD 101</td>
<td>Introduction to Radiography</td>
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<td>RAD 102</td>
<td>Methods of Patient Care</td>
<td>2</td>
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<td>PSY 218</td>
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<td>Second Semester</td>
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<td>RAD 103</td>
<td>Radiographic Imaging I</td>
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<tr>
<td>RAD 104</td>
<td>Radiographic Procedures I</td>
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<td>RAD 124</td>
<td>Radiography Clinical Practicum I</td>
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<td>BIO 246</td>
<td>Human Anatomy and Physiology II</td>
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<td>Third Semester</td>
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<td>RAD 105</td>
<td>Radiographic Imaging II</td>
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<td>RAD 106</td>
<td>Radiographic Procedures II</td>
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<td>RAD 107</td>
<td>Radiologic Physics</td>
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<td>RAD 134</td>
<td>Radiography Clinical Practicum II</td>
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Radiography Courses

All RAD courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.

SPECIAL NOTE: Explore the Radiography Program and come to an information session. For more details, go to elgin.edu/visitecc (https://elgin.edu/about-ecc/visiting-campus/).

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) Program. For more information, please refer to elgin.edu/radiography (https://elgin.edu/academics/departments/medical-imaging/).
Medical Imaging - Radiography

RAD 101 Introduction to Radiography (1) 0,3
This course introduces the student to Medical Imaging as it relates to the healthcare industry and Radiologic technology as a profession. It includes an introduction to the healthcare delivery system, outlines the structure of the health system and roles of various departments and health professionals. Other topics include: the history of the profession, an introduction to the various professional organizations, quality customer service, an introduction to medical ethics and law with an emphasis on confidentiality and HIPAA regulations and basic radiation safety. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Acceptance into the Radiography Program
Semester(s) Offered: Summer

RAD 102 Methods of Patient Care (2) 1,3
This course provides the student with the basic concepts of patient care, including consideration for the physical, developmental and psychological needs of the patient and family. The course covers routine and emergency patient care procedures including: basic EKG, infection control, patient assessment, patient education, venipuncture and contrast injection, introduction to pharmacology, and interacting with the terminally ill. The course includes clinical demonstration of patient care skills. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $352 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in RAD 101 and RAD 102
Semester(s) Offered: Summer

RAD 103 Radiographic Imaging I (3) 2,2
This course is the first in a series of three radiographic imaging courses. It provides the student with an understanding of the components, principles and operation of various medical imaging systems. Factors that impact image acquisition, processing, display, archiving and retrieval are discussed. This course includes demonstrations and laboratory activities to reinforce concepts. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $484 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in RAD 101 and RAD 102
Semester(s) Offered: Fall

RAD 104 Radiographic Procedures I (4) 3,3
This course provides instruction in radiographic positions and procedures, including demonstrations, and presentation of radiographic images of the human body. The student learns the routine examinations and selected non-routine radiographic examinations of the following body segments: chest, abdomen, upper extremity, lower extremity and pelvis. The curriculum integrates the Radiographic Procedures I course and the Radiography Clinical Practice I course to promote student's clinical competence in all assigned rotations as well as a thorough knowledge of related anatomy and positioning theory and concepts. It also integrates clinical applications of radiation protection and technique selection. This course includes laboratory experiences, which provide students opportunity for simulated practice. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $616 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in RAD 101 and RAD 102, and must be concurrently enrolled in BIO 246 or its equivalent from another accredited institution within the past 5 years.
Semester(s) Offered: Fall
RAD 105 Radiographic Imaging II (3)  2,2
This course is a continuation of Radiographic Imaging I and builds on the fundamental concepts presented in that course. It is designed to develop the student’s understanding of the properties of a radiographic image and the factors that control and influence image quality. Concepts of technical factor selection are covered with an emphasis on their impact on image quality and patient exposure. This course includes demonstrations and laboratory activities to reinforce concepts and enhance student learning. Problem solving and critical thinking skills will be emphasized in technique formulation and exposure calculations. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $484 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in RAD 103
Semester(s) Offered: Spring

RAD 106 Radiographic Procedures II (4)  3,3
This course is a continuation of Radiographic Procedures I, and provides instruction in radiographic positions and procedures, including demonstrations, and presentation of radiographic images of the human body. The student learns all routine and selected non-routine procedures of the: bony thorax, spine, fluoroscopy, mobile radiography and surgery, cranium, facial bones and sinuses. The course includes laboratory experience, which provide students opportunity for simulated practice and is integrated with the Radiography Clinical Practicum II course. Following completion of Procedures II, the student is able to perform all routine radiographic examinations. The student must integrate concepts from radiation protection and exposure technique to produce optimal quality diagnostic radiographs with minimal radiation exposure to the patient. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $616 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in RAD 103, RAD 104, RAD 124 and BIO 246
Semester(s) Offered: Spring

RAD 107 Radiologic Physics (2)  1,3
This course reviews the concepts of atomic structure and electromagnetism, and study of radiation -- its nature, production and medical applications. Covered topics include: the electromagnetic spectrum, radioactivity and half life, x-ray production and characteristics, the effects of technique selection on beam quality and quantity, the interaction of radiation with matter, and the circuitry and design of radiographic equipment. The course emphasizes clinical applications of physics concepts in the safe operation of high voltage radiographic equipment. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $484 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in RAD 103 and RAD 124
Semester(s) Offered: Fall
RAD 134 Radiography Clinical Practicum II (3) 0,15
This course is a continuation of Radiography Clinical Practicum I. Structured, sequential, competency-based clinical assignments enable the student to progress through a series of clinical rotations which reinforce concepts that are introduced in Procedures I and II. Opportunities are provided for observation, assistance and participation in radiographic procedures with an emphasis on the actual performance of exams. Students will complete 255 hours of clinical experience under direct/indirect supervision of a radiographer as appropriate. The student will continue attaining, maintaining and documenting competency in a variety of procedures. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/)

In-District Tuition/Fees: $484 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Grade of C or better in RAD 103, RAD 104 and RAD 124
Semester(s) Offered: Spring

RAD 208 Radiographic Procedures III (2) 1,3
This course covers the advanced radiographic, fluoroscopic and invasive procedures, emphasizing patient care, procedural protocol, and equipment and accessories used. This course covers the following topic areas: trauma radiography, pediatric and geriatric radiography and special procedures (e.g. Myelography, Arthrography, ERCP Bronchoscopy etc.). The course includes laboratory experience, which provide students opportunity for simulated practice and is integrated with the Radiography Clinical Practicum III course. Following completion of Procedures III, the student is able to perform all routine and special radiographic examinations. The student must integrate concepts from radiation protection and exposure technique to produce optimal quality diagnostic radiographs with minimal radiation exposure to the patient. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $352 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Grade of C or better in RAD 105, RAD 106, RAD 107, and RAD 134
Semester(s) Offered: Summer

RAD 209 Radiobiology & Radiation Protection (2) 1,2
The radiation biology segment of this course provides an overview of the principles of the interaction of radiation with living systems. The course presents the effects of irradiation of biological molecules and organisms, and the factors affecting biological response. Covered topics include: early and late effects of radiation exposure, epidemiological studies of radiation effects, and the acute radiation syndromes. The radiation protection segment of this course provides the student with an overview of the principles and practices of radiation protection. The course emphasizes the responsibility of the radiologic sciences professional in providing radiation protection to the patient, personnel and the public. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $352 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Grade of C or better in RAD 105
Semester(s) Offered: Fall

RAD 211 Radiographic Imaging III (2) 1,2
This course covers the concept of continuous quality improvement in the healthcare environment and the impact of legislation and accreditation standards on quality management programs. Also included are quality control and quality assurance procedures for a variety of imaging equipment and processes. Other imaging topics including PACS and image intensified and flat-panel fluoroscopic equipment are also covered. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $352 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Grade of C or better in RAD 105
Semester(s) Offered: Fall
RAD 212 Radiographic Pathology (2) 2.0
This course presents a body system approach to the demonstration of human diseases through medical imaging. The course emphasizes adaptations of routine positioning and radiographic technique to best demonstrate pathology and maximize diagnostic quality. Covered topics include patient care considerations relative to disease processes. Discussions include which imaging method or modality will best demonstrate each pathological condition. The course includes review of radiographs and films from Computed Tomography, Ultrasound, Magnetic Resonance, Mammography, Special Procedures and Nuclear Medicine. Systems covered include the respiratory, skeletal, gastrointestinal, urinary, cardiovascular, nervous, hematopoetic system, endocrine, reproductive, and miscellaneous disorders. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in RAD 209, RAD 208, and RAD 242.
Semester(s) Offered: Fall

RAD 220 Pharmacology (2) 2.0
This course explores the role of the radiographer in the administration of contrast media and related medications. Covered topics include: the radiographer's scope of practice, legal implications, pharmacology overview, drug measurements and dose calculations, contrast media, preventive care and emergency response to contrast media reactions, imaging pharmaceutical compatibility, select drug administration techniques, and documentation requirements. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $352 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in RAD 212, RAD 211, and RAD 256
Recommended: CHM 101 or CHM 112
Semester(s) Offered: Spring

RAD 230 Medical Ethics and Law (2) 2.0
This course provides the student with an understanding of the parameters of professional practice and the legal and ethical responsibilities of the radiologic sciences professional. Covered topics include: elements of ethical behavior, ethical issues and dilemmas in health care, interacting with the terminally ill patient, the scope of practice of radiologic sciences professionals, sources of law, elements of malpractice, employment issues, and litigation. The course emphasizes the student's ability to apply concepts of ethics and law in the development of professional attributes. Course requirements include leading class discussions of issues and case studies. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $220 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in RAD 212, RAD 211 and RAD 256
Semester(s) Offered: Spring

RAD 240 Career Development (1) 0.2
This course provides the student an opportunity to conduct a self-assessment and review of each of the content areas of the ARRT examination to prepare for certification. Activities assist the student in organizing review efforts, and emphasizes the synthesis of information from across the curriculum through developmental testing and simulated registry examinations. This course also prepares the students for their professional roles and employment by mastering skills of career planning, resume and portfolio development, interviewing skills, in addition to the creation of a professional development plan. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $220 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in RAD 212, RAD 211 and RAD 256
Semester(s) Offered: Spring
RAD 242 Radiography Clinical Practicum III (2) 0,10
This course is a continuation of Radiography Clinical Practicum II. Structured, sequential, competency-based clinical assignments enable the student to progress through a series of clinical rotations which reinforce concepts that are introduced in Procedures I-III. Opportunities are provided for observation, assistance and participation in radiographic procedures with an emphasis on the actual performance of exams. Students will complete 100 hours of clinical experience under direct/indirect supervision of a radiographer as appropriate. The student will continue attaining, maintaining and documenting competency in a variety of procedures. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography.

In-District Tuition/Fees: $352 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in RAD 105, RAD 106, RAD 107 and RAD 134
Semester(s) Offered: Summer

RAD 256 Radiography Clinical Practicum IV (5) 0,25
This course is a continuation of Radiography Clinical Practicum III. Opportunities are provided for the continued development of clinical competency and professional development. Emphasis is placed on application of concepts in the actual performance of procedures for both speed and accuracy. Students will complete 425 hours of clinical experience under direct/indirect supervision of a radiographer as appropriate. The student will continue attaining, maintaining and documenting competency in a variety of procedures. Students are also provided an opportunity to observe in some of the advanced imaging modality departments. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography.

In-District Tuition/Fees: $352 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in RAD 105, RAD 106, RAD 107 and RAD 134
Semester(s) Offered: Summer

RAD 261 Radiographic Image Evaluation (1) 0,2
This course provides an opportunity for students to apply a systematic approach for evaluating radiographic images to determine diagnostic quality. Students will develop a high degree of radiographic problem-solving ability by correlating technical and positioning procedures with image analysis guidelines for common projections, non-routine situations or when suboptimal images are obtained. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography.

In-District Tuition/Fees: $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in RAD 256
Semester(s) Offered: Spring

RAD 266 Radiography Clinical Practicum V (5) 0,25
This course is a continuation of Radiography Clinical Practicum IV and provides opportunity for final student learning outcomes assessment. Clinical requirements include successful completion of final clinical competencies in all major areas of radiography including critical thinking and problem-solving. Successful completion of final competencies is a program graduation requirement. Emphasis in this course is on continued professional development and proficient and independent performance of all radiographic procedures, with opportunity for continued exploration of selected advanced imaging modalities. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography.

In-District Tuition/Fees: $748 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in RAD 212, RAD 211 and RAD 256
Semester(s) Offered: Spring

Modern Languages - Basic Spanish for Medical Personnel

The aim of this certificate is to provide health care workers with the necessary skills to communicate more effectively in Spanish with their patients. The curriculum includes two courses, Basic Spanish: Medical Personnel I and II. In these courses students learn the basic Spanish communication skills and grammar necessary to provide care and
attention to Spanish-speaking patients in a variety of medical settings. In addition to workplace Spanish language, discussions cover cultural issues pertinent to the relationships between health care providers and Hispanic patients, parents or relatives, and community members.

**Entrance Requirements**
None

**Program Requirements**
None

- Speak, read, listen, and comprehend the Spanish language in basic/conversational written and verbal forms, with emphasis on medical terminology and healthcare interactions.
- Demonstrate appropriate usage of grammar patterns and pronunciation habits.
- Communicate in spoken and written Spanish to patients and members of the healthcare team in medical environments.
- Discuss topics of contemporary Hispanic life and culture as related to medical and healthcare situations such as women and children's health, diet, disease, and interactions with the American healthcare system.

### Basic Spanish for Medical Personnel - Basic Vocational Specialist

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>SPN 171</td>
<td>Basic Spanish: Medical Personnel I</td>
<td>3</td>
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<tr>
<td>SPN 172</td>
<td>Basic Spanish: Medical Personnel II</td>
<td>3</td>
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<td><strong>Total Credit Hours</strong></td>
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### Spanish Courses

SPN 101 Elementary Spanish I, SPN 102 Elementary Spanish II, SPN 201 Intermediate Spanish I, and SPN 202 Intermediate Spanish II require that students contact the Spanish coordinator in order to gain proficiency credits.

SPN 202 Intermediate Spanish II may be used to fulfill the humanities requirement for the Associate in Arts, Associate in Science, Associate in Fine Arts, and Associate in Engineering Science degrees.

All SPN courses numbered 100 and above may be used to fulfill the liberal education requirement for the Associate of Applied Science degree.

All SPN courses numbered 100 and above may be applied to the major field and elective requirement for the AA and AS degrees.

**SPN 171 Basic Spanish: Medical Personnel I (3)**

Teaches the basic Spanish communication skills and grammar necessary to provide care and attention to Spanish-speaking patients in a variety of medical settings such as the medical office, the hospital, and others. In addition to workplace Spanish language, discussions cover cultural issues pertinent to the relationships between health care providers and Hispanic patients, parents or relatives, and community members. (1.1) Proficiency Credit Not Available Pass/No Credit Available.

**In-District Tuition/Fees:** $396 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval ([https://elgin.edu/pay-for-college/tuition-fees/](https://elgin.edu/pay-for-college/tuition-fees/)).

**Prerequisite:** None Recommended: Students interested in additional general grammar instruction may concurrently enroll in SPN 101 or higher

**Semester(s) Offered:** Varies

**SPN 172 Basic Spanish: Medical Personnel II (3)**

Continuation of Spanish for Medical Personnel I, with emphasis on more advanced speaking and writing communication skills. (1.1) Proficiency Credit Not Available Pass/No Credit Available.

**In-District Tuition/Fees:** $396 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval ([https://elgin.edu/pay-for-college/tuition-fees/](https://elgin.edu/pay-for-college/tuition-fees/)).

**Prerequisite:** Grade of C or better SPN 101 or SPN 171 Recommended: Students interested in additional general grammar instruction may concurrently enroll in SPN 102 or higher

**Semester(s) Offered:** Varies

### Music Production

The music production certificate prepares students for entry-level recording studio work and prepares students with the skills to record and produce music of their own and others. Throughout the program, students will gain knowledge and experience in industry-standard recording software and practices. They will learn how to identify and apply common audio effects through their use of Pro Tools®, Logic®, and Adobe® Audition®. Whether the goal is to gain employment or the skills to create high quality music, this certificate will get you started!

It is recommended to begin with MUS 150 Intro Mus Prod: Listening & FX and MUS 170 Recording Techniques 1:Rec./Acous. in the first semester, as they are prerequisites for the advanced recording classes. MUS 171 Recording Tech 2: Adv Rec and Mixng (the second-level recording class) is only available in fall semester.

- Plan and execute a recording session.
- Integrate knowledge of audio production as they mix recorded songs to create a finished product.
- Listen with informed ears to popular recordings.
- Create musical compositions using industry-standard software and synthesizers.
- Develop portfolios of knowledge attained in the program.
- Display understanding of the music business by reviewing and creating sample documents and materials related to promotion.
Music Production - Basic Vocational Specialist

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<td>Intro Mus Prod: Listening &amp; FX</td>
<td>3</td>
</tr>
<tr>
<td>MUS 155</td>
<td>Seminar in Music Business</td>
<td>3</td>
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<tr>
<td>MUS 160</td>
<td>Fundamentals of Music Technology</td>
<td>3</td>
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<tr>
<td>MUS 170</td>
<td>Recording Techniques 1:Rec./Acous.</td>
<td>3</td>
</tr>
<tr>
<td>MUS 171</td>
<td>Recording Tech 2: Adv Rec and Mixing</td>
<td>3</td>
</tr>
<tr>
<td>MUS 172</td>
<td>Rec Tech 3:Mastering and Distrib</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credit Hours 18

Music Courses

The ECC Music Department offers performance, general education, and transfer classes for music and non-music students. Students can earn an associate degree in Fine Arts with a Music concentration and/or a Vocational Certificate in music production. We also offer a full 2 years in music theory, with an introduction to music theory course (MUS 100 Introduction to Music Theory) for students with no music-reading experience.

MUS 104 Musics of the World may be used to fulfill the fine arts requirement for the Associate in Arts, Associate in Science, and Associate in Engineering Science degrees, and the liberal education requirement for the Associate of Applied Science degree.

MUS 105 Music Appreciation, MUS 106 Music Literature From 1400 to 1750, and MUS 107 Music Liter. From 1750 to Present may be used to fulfill the fine arts requirements for the AA, AS, and AES degrees, and the liberal education requirement for the AAS degree.

All MUS courses numbered 100 and above may be applied to the major field and elective requirement for the AA and AS degrees.

Students intending to major in music must audition on their major instrument or in voice and complete theory and keyboarding examinations.

MUS 150 Intro Mus Prod: Listening & FX (3) 2,2
This course is designed to train the ear of audio professionals and includes exercises designed to improve the students' ability to hear audio effects and errors in recordings. Students will analyze recordings, identify instrumentation and audio effects, identify stylistic influences, diagnose errors, and identify and implement corrective steps. (1.2) Fall Proficiency Credit Available (2 ST) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria.
Semester(s) Offered: Fall and Spring

MUS 155 Seminar in Music Business (3) 3,0
This course is designed to provide students with knowledge and experience of the changing music industry. Students will develop an understanding of the many facets of the music business, including promotion, distribution, copyright law, and legal issues. Students will review and create contracts that govern the relationships between producers, record label, distributors, club owners, and investors. Students will learn the skills that are required to be successful and adaptable. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.
Semester(s) Offered: Fall

MUS 160 Fundamentals of Music Technology (3) 2,2
This course is an introduction to main concepts in the creation and manipulation of recorded music. The course will cover digital audio topics as well as MIDI technology. Students will create music using software synthesizers and manipulated digital audio. (1.2) Fall Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $441 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria.
Semester(s) Offered: Fall and Summer

MUS 170 Recording Techniques 1:Rec./Acous. (3) 2,2
This course is designed to provide training in recording digital audio. Students will learn the fundamentals of acoustics as they relate to studio design and live performance. Students will learn the technical specifications of microphones and recording technology. Students will learn the basics of industry-standard recording software. (1.2) Fall Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $441 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria.
Semester(s) Offered: Fall and Summer

MUS 155 Seminar in Music Business (3) 3,0
This course is designed to provide students with knowledge and experience of the changing music industry. Students will develop an understanding of the many facets of the music business, including promotion, distribution, copyright law, and legal issues. Students will review and create contracts that govern the relationships between producers, record label, distributors, club owners, and investors. Students will learn the skills that are required to be successful and adaptable. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria.
Semester(s) Offered: Fall
MUS 172 Rec Tech 3: Mastering and Distrib (3)  2.2
This course is a continuation of the recording techniques sequence. Students will learn the mastering process, the final step of audio engineering. Students will learn how to assemble a unified music product. Students will learn how to deliver music from the studio to the consumer in today’s changing distribution networks. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $441 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Grade of C or better in MUS 171 or consent of instructor.
Semester(s) Offered: Spring

Nursing - Registered Nurse

With their ability to care for patients with any health condition, coordinate the work of complex medical teams, and serve as a primary communication channel for a patient’s family and loved ones, nurses are truly at the forefront of patient care. Elgin Community College has earned a reputation for its outstanding role as a community leader in nursing education and preparation for over 50 years. When you complete ECC’s Nursing Program, you have the opportunity to make a difference in your community every day.

A registered nurse’s career is complex, varied, demanding, and rewarding. Duties include collecting and maintaining accurate patient records, administering medicine and treatments, monitoring medical equipment, assisting with diagnostic tests, coordinating with doctors and other medical professionals, and teaching patients and families how to manage health conditions. A successful nurse possesses substantial medical and clinical knowledge, has excellent communication and organizational abilities, and exhibits compassion and empathy for patients of all ages and types of illnesses. Opportunities for advancement are possible with additional training and education.

Upon completion of the Associate of Applied Science in Nursing degree, students are eligible to take the NCLEX-RN licensure exam to become a registered professional nurse (RN).

Study in nursing emphasizes individualized instruction and goes beyond the traditional classroom by utilizing a combination of learning experiences such as simulations, multimedia, small group discussions, laboratory practice, and hands-on learning in a variety of medical facilities. This approach places greater educational responsibility on the individual student and encourages each student to develop the necessary skills for lifelong learning.

Accreditation

The Nursing Program is approved by the Illinois Department of Financial and Professional Regulation and is accredited by.

The Accreditation Commission for Education in Nursing (ACEN)
3343 Peachtree Road NE, Suite 850
Atlanta, GA 30326
404-975-5000
acenursing.org (http://www.acenursing.org)

Admission Procedures

Admission to the program is selective. For more information, please see admission requirements (https://elgin.edu/academics/departments/nursing/program-admissions/).

Preference is given to candidates who are legal residents of Community College District 509 (Elgin Community College). Working in-district does not meet this requirement. Qualified applicants from other districts may be considered if space is available. Go to elgin.edu/jointagreements (http://www.elgin.edu/jointagreements/) to learn more.

Program Requirements

Students must complete all required courses with grades of C or better to be eligible to graduate and sit for the NCLEX-RN exam offered by the National Council of State Boards of Nursing. Prior credits in anatomy and physiology and microbiology must have been earned within the last 10 years. Students must provide their own uniforms and transportation to and from all clinical sites.

Policies and Procedures

All students applying to the Nursing Program are strongly encouraged to attend an information session prior to submitting an application (elgin.edu/about-ecc/visiting-campus (https://elgin.edu/about-ecc/visiting-campus/)). Students admitted to the program will be required to attend an orientation session before nursing classes begin. Students who do not attend the mandatory orientation after being admitted will automatically lose their spot in the program.

Students applying to health professions programs must provide a valid Social Security number for a background check. Any student demonstrating a positive background check will be denied admission to any health professions program. A valid Social Security number is also needed to apply for licensing/certification exams.

Prior to the first day of class, students must have the following documentation on file with the CastleBranch requirement tracking system: negative drug test results, negative background check, completed medical form, proof of immunizations/titer results, proof of health insurance coverage, and proof of American Heart Association Basic Life Support (BLS) for healthcare providers CPR certification.

Health professions students will be required to update their drug test, TB test/TB survey, and flu vaccine information on an annual basis. Any student demonstrating a positive drug test will be dismissed from the Health Professions Division.

The standards, policies, and procedures of the Nursing Program are published in the Nursing Student Handbook. Copies of the current Nursing Student Handbook may be obtained online at elgin.edu/nursing (http://www.elgin.edu/nursing/).

Nursing Program Student Learning Outcomes with Competencies

The Nursing Program includes four semesters of nursing courses in addition to the general education courses required for the Associate of Applied Science Degree in Nursing.

1. Engage in clinical judgment to provide safe evidence-based, person-centered nursing care across the lifespan
a. Apply clinical judgment to provide safe, evidence-based care to persons with complex and chronic needs.
b. Manage potential complications based on anticipated risk and changes in health conditions.
c. Prioritize person-centered nursing care for individuals and groups efficiently in an evolving health care environment.
d. Create, implement and evaluate holistic person-centered teaching strategies to achieve optimal health outcomes.
e. Provide continuity of care to ensure safe, uninterrupted nursing care.
f. Perform Level 4 psychomotor skills safely and competently for efficient, effective, and compassionate person-centered care.

2. Integrate the knowledge, skills, and attitudes that create cultures of quality, safety and excellence to improve person-centered outcomes
   a. Model the knowledge, skills, and attitudes that create cultures of safety, quality, and excellence to improve person-centered outcomes.
b. Evaluate the impact of performance improvement measures on person-centered care and resource utilization.
c. Evaluate the clinical microsystem and its impact on the nurse’s ability to provide safe, quality care.

3. Collaborate with the person, the person’s support system, and members of the healthcare team to achieve best health outcomes
   a. Demonstrate communication competence with members of the healthcare team, the person and their support system to deliver person-centered care.
b. Evaluate effectiveness of communication strategies with members of the health care team including the person and support system.
c. Evaluate standards used that govern behavior among peers and colleagues to create a classroom and clinical environment that promotes cooperation, respect and trust.

4. Incorporate information and technology to communicate, manage knowledge, prevent error, and support clinical decision-making
   a. Utilize patient care and health information technologies to enhance safe nursing care and prevent error.
b. Evaluate data collected from health information resources to support clinical decision making.
c. Document all aspects of nursing care provided in an accurate and timely manner.

5. Assimilate leadership, management of care, ethical and legal principles in professional nursing practice
   a. Display awareness of own strengths, limitations, and professional identity as a team leader and member.
b. Apply delegation principles related to professional nursing practice when caring for a group of persons.
c. Demonstrate accountability by adhering to the ethical, legal, and regulatory standards within the Level 4 scope of nursing practice.
d. Create a professional development plan that demonstrates a commitment to continuous, lifelong learning.

6. Promote a culture of caring to provide holistic, compassionate, and culturally competent care
   a. Demonstrate cultural competence in therapeutic relationships with persons across the lifespan.
b. Contribute to the promotion of a culture of caring in the health care environment.

c. Advocate for persons and support systems to promote self-determination, integrity, and on-going growth as human beings.

### Nursing - Associate of Applied Science

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<thead>
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<td>BIO 110</td>
<td>Principles of Biology</td>
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<tr>
<td>BIO 245</td>
<td>Human Anatomy and Physiology I</td>
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<tr>
<td>PSY 100</td>
<td>Intro to Psychology</td>
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<td>PSY 218</td>
<td>Human Growth and Development</td>
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<td>BIO 265</td>
<td>Microbiology</td>
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<td>HPE 101</td>
<td>Socialization into Nursing Program</td>
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<td>NUR 142</td>
<td>Concepts of Nursing Practice I</td>
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<td>NUR 252</td>
<td>Concepts of Nursing Practice IV</td>
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### Nursing Courses

All NUR courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees. NUR 105 Basic Nurse Assistant Trng Program may only be counted in the GPA for seven hours.
NUR 142 Concepts of Nursing Practice I (8.5) 6.5,6
This course introduces the student to professional concepts, roles of the nurse, and fundamental concepts of nursing practice. The focus is placed on wellness and health promotion across the lifespan. Critical thinking is introduced in the context of the nursing process as the basis for clinical reasoning in nursing. Development of knowledge, skills and attitudes occurs in the nursing laboratory and community settings within the healthcare environment. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

NUR 144 Concepts of Pharmacology (1.5) 1,1
This course introduces the student to fundamental concepts of pharmacology as they apply to nursing practice. A foundational knowledge base of nursing pharmacology is acquired in the areas of legal aspects, cultural factors, complementary and alternative medicine principles, pharmacokinetics and pharmacodynamics, person education, drug administration, evaluation of drug therapy, and documentation. Application to persons across the lifespan is emphasized. Development of knowledge, skills and attitudes occurs in nursing laboratory settings. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

NUR 152 Concepts of Nursing Practice II (9.5) 7,8
This course continues to develop the role of the professional nurse and concepts of nursing practice with application to the care of acutely ill persons with medical and surgical needs across the lifespan. Critical thinking skills and strategies are further developed as the basis for clinical reasoning in nursing as they apply to the concepts. Development of knowledge, skills and attitudes occurs in the nursing laboratory and a variety of clinical settings within the healthcare environment. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $2604 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in NUR 142, NUR 144, BIO 246 and BIO 265
Semester(s) Offered: Fall and Spring

NUR 242 Concepts of Nursing Practice III (9.5) 7,8
This course further develops the roles of the professional nurse and concepts of nursing practice with application to persons with complicated medical, surgical, and rehabilitation needs across the lifespan. Clinical reasoning skills are emphasized as they apply to concepts with movement toward clinical judgment. Development of knowledge, skills and attitudes occurs in the nursing laboratory and a variety of clinical settings within the healthcare environment. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $2604 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in NUR 142, NUR 144 and NUR 152
Semester(s) Offered: Fall and Spring

NUR 252 Concepts of Nursing Practice IV (9) 5,12
This course builds on all previous nursing courses to further refine the roles of the professional nurse and concepts of nursing practice with application to persons with complex and chronic conditions, the reproducing family, and mental health illnesses across the lifespan. This course allows the student the opportunity to demonstrate further growth towards the professional behaviors of caring, role competence and clinical judgment. Development of knowledge, skills and attitudes occurs in the nursing laboratory and a variety of clinical settings within the healthcare environment. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $2688 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in NUR 242
Semester(s) Offered: Fall and Spring

Paralegal

A paralegal is a person qualified by education, training, or work experience who performs substantive legal work under the supervision of a lawyer. Paralegals may not provide legal services directly to the public, except as permitted by law.

Paralegal education at ECC includes the study of major areas of law. Courses emphasize hands-on, practical applications that will prepare students to enter law-related occupations. Online legal research tools are frequently used by students to prepare documents suitable for court and business transactions. If you love to research, read, and write and
have an eye for details, a paralegal career may be the right fit for you. Strong social and communication skills are also necessary as paralegals frequently communicate with a supervising attorney, office staff, court personnel, and clients.

Associate of Applied Science in Paralegal (AAS)
The AAS degree in paralegal is designed for students who do not have a prior degree and are interested in pursuing a career as a paralegal immediately. Students in this program complete the same core paralegal courses as the BVS students, but they must also complete the required general education courses. The AAS general education requirements are not the same as those required for an AA or AS degree. Some four-year schools will accept the AAS in paralegal. Students should consult with an academic advisor to determine where the AAS can transfer.

Students who plan to transfer to a four-year institution to pursue a bachelor's degree, but who also want to complete paralegal training, may choose to complete the traditional transfer degree (AA or AS) while working toward a paralegal certificate (BVS). Some additional course work will be required for this option, but it may make transferring easier. Students should meet with an academic advisor to determine which associate degree meets their needs.

Basic Vocational Specialist in Paralegal (BVS)
The BVS certificate in paralegal is designed for students who already have a bachelor's degree or an Associate of Arts or an Associate of Science degree. Full-time BVS students may be able to complete the program in one year.

Official transcripts of the student's completed bachelor's degree, Associate of Arts, or Associate of Science degree must be provided to the college before the paralegal BVS certificate will be awarded.

Approval
The AAS in paralegal and the BVS in paralegal are approved by the American Bar Association (ABA).

Program Requirements
All students will be required to complete an internship experience. ECC continues to develop resources to assist students with acquiring an internship; however, opportunities are not automatic or guaranteed. Students are responsible for taking the necessary steps to ensure an internship placement. Students who are already employed in the legal field as legal assistants or paralegals and who meet the employment verification, recency, relevancy, and duration requirements, may be eligible for internship proficiency credit. Interested students should contact the paralegal instructional coordinator.

All students must complete at least nine semester credits of paralegal courses (PAR) through traditional classroom instruction.

Portfolio Requirement
Students must collect and maintain samples of the work they complete during their paralegal studies. Each student will present a final portfolio in the PAR 239 Paralegal Capstone.

Transfer Restriction on Paralegal Courses
A maximum of nine semester credits of paralegal coursework from an ABA-approved paralegal program will be eligible for transfer to ECC. All requests for transfer credit of paralegal courses will be evaluated by the instructional coordinator for paralegal and are subject to denial for the following reasons:

1. no comparable paralegal course offered at ECC; or
2. failure to demonstrate development of practical paralegal skills in the course as required by ABA Guidelines.

Graduates of the ECC paralegal program will demonstrate entry-level competency for employment in the local legal community by being able to:

1. Technology
   - Format correspondence, pleadings, agreements, memos, and reports with word processing software.
   - Mark suggested edits to documents using redlining word processing features and incorporate electronic edits made by others.
   - Manage email recipients, carbon copies and blind carbon copies, and attachments; download and save email messages; create and organize email file folders.
   - Create spreadsheets for data sets.
   - Convert print documents to electronic files and organize information in computerized databases and manual files.

2. Communication
   - Utilize grammar rules and proofreading principles to clearly and effectively communicate in writing.
   - Listen attentively to spoken information, without interrupting, and document details of that information in written notes.
   - Formulate questions to ask for guidance on work-related projects and determine appropriate timing for asking those questions.
   - Dress, speak, and act in a professional manner on the job and take pride in his or her work by paying attention to details and meeting deadlines.
   - Use legal analysis to structure logical arguments and advance a specific interest or to analyze opposing or alternative positions.

3. Research
   - Locate and request medical, corporate and other non-governmental records, using proper releases and forms; evaluate records for relevancy to a particular fact pattern.
   - Obtain reliable information through internet-based factual investigations.
   - Find primary sources of law and secondary legal materials that, when considered together, inform answers to specific legal issues.
   - Correctly read, interpret, and cite primary sources of law and secondary legal materials.

4. Legal Ethics
   - Avoid claims of unauthorized practice of law by working under the supervision of a licensed attorney.
   - Protect confidential client information and preserve attorney-client privilege.
   - Recognize and report a potential conflict of interest to a supervising attorney.
• Demonstrate integrity and candor to his or her supervising attorney and co-workers.
• Safeguard client property.

Paralegal - Associate of Applied Science

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<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
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<td>First Semester</td>
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<tr>
<td>ENG 101</td>
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<td>PAR 101</td>
<td>Introduction to Law</td>
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<tr>
<td>BUS 112</td>
<td>Legal Environment of Business or Business Law</td>
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<td>OAT 130</td>
<td>Software Applications for the Office</td>
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<td>CIS 241</td>
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<td>CMS 101</td>
<td>Fundamentals of Speech</td>
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<td>PAR 201</td>
<td>Civil Litigation</td>
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<td>PAR 204</td>
<td>Legal Research</td>
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<td>Paralegal Elective</td>
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<td>Required Social/Behavioral Sciences Course (p. 192)¹</td>
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<td>PAR 206</td>
<td>Legal Writing</td>
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<td>PAR 235</td>
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<td>PAR 239</td>
<td>Paralegal Capstone</td>
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¹ This requirement can only be fulfilled by an IAI General Education course.

Paralegal Electives

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<td>PAR 203</td>
<td>Real Property Law</td>
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<td>PAR 205</td>
<td>Wills, Trusts and Probate</td>
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<td>PAR 207</td>
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<td>PAR 223</td>
<td>Business Entity Formation</td>
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<td>PAR 237</td>
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Paralegal - Basic Vocational Specialist

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Paralegal Courses

All PAR courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.

PAR 101 Introduction to Law (3) 3.0
This course introduces students to the skills they need to perform substantive legal work under the direction of a licensed attorney. Students will locate and interpret cases and statutes and learn the basic structure of legal analysis. This course includes legal terminology, core grammar skills, legal citation, ethics, investigation skills, and a thorough discussion of the structure of both the federal and state judicial systems. Students will be introduced to legal technologies, including legal research databases, court databases, and case management software. (1.2) Proficiency Credit Available (2T) Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.

Semester(s) Offered: Fall and Spring

PAR 108 Family Law (3) 3.0
This course examines Illinois domestic relations law. Students are required to analyze the relevant statutes, identify tax consequences, and draft pleadings for dissolution of marriage and other family law matters. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: PAR 101 or concurrent Enrollment in PAR 101.

Semester(s) Offered: Fall

Select one of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>OAT 130</td>
<td>Software Applications for the Office</td>
<td>3-4</td>
</tr>
<tr>
<td>CIS 241</td>
<td>Word Processing Applications</td>
<td></td>
</tr>
<tr>
<td>&amp; CIS 242</td>
<td>and Spreadsheet Applications</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>12-13</td>
</tr>
</tbody>
</table>
PAR 201 Civil Litigation (3)  3.0
This course explores civil procedure and pleading, from interviewing a client through post-trial proceedings, including discovery and file management. Students are required to prepare several written assignments. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: PAR 101 or concurrent Enrollment in PAR 101.
Semester(s) Offered: Fall and Spring

PAR 203 Real Property Law (3)  3.0
This course includes study of the law, procedures, and documents related to the sale and lease of real estate. The focus is on functions normally performed by a law office, lender, or title company, rather than the responsibilities of a broker or sales agent. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: PAR 101 or concurrent Enrollment in PAR 101.
Semester(s) Offered: Spring

PAR 204 Legal Research (3)  3.0
This hybrid course requires extensive independent legal research and analysis using federal and multi-state materials. Students will utilize the internet and computerized legal research subscription services supplied by the college. Instruction will focus on locating relevant, current, and authoritative legal sources. Students will use primary sources to analyze fact patterns and reach logical, well-supported conclusions. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $446 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Prerequisite: PAR 101 or concurrent enrollment in PAR 101.
Semester(s) Offered: Spring

PAR 205 Wills, Trusts and Probate (3)  3.0
This course teaches students to prepare estate planning documents, handle probate estates, transfer assets without probate, and administer trusts, under the supervision of an attorney. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: PAR 101 or concurrent Enrollment in PAR 101.
Semester(s) Offered: Fall

PAR 206 Legal Writing (3)  3.0
Students will learn advanced concepts related to legal writing, research, and analysis. Assignments may include client letters, objective memoranda, or drafting transactional documents. The class is designed to teach students to write and edit for the legal profession. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: PAR 101, PAR 201, and PAR 204
Semester(s) Offered: Fall and Spring

PAR 207 Criminal Law Procedure (3)  3.0
This course focuses on the Illinois criminal law statute and Constitutional rights applicable to criminal prosecutions. Students are introduced to procedures relating to arrest, investigation, and trial, and to the corrections system. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.
Semester(s) Offered: Spring

PAR 223 Business Entity Formation (3)  3.0
This course focuses on the various business formation structures available under Illinois law. Students will learn about the law of agency and how it relates to business partners and formation structure. Students will research the facts and forms relevant to business entity formation and limited liability maintenance. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.
Semester(s) Offered: Varies
PAR 235 Internship (1-2)  0.0
Students who are currently working in a law-related position or who have worked in a law-related position within the past 6 months, may be eligible for internship proficiency credit. Contact the program coordinator for proficiency assistance. Students who do not qualify for proficiency credit must complete a paralegal internship. All paralegal internships must be approved by the instructor or the program coordinator before the student can register for the course. The college does not place students in internship positions. Students must work on obtaining an internship position at least two months before the start of the semester in which the student plans to enroll for internship credit. The program coordinator will assist students who are unable to locate an internship independently, but the student must request assistance. All internship work must be completed under the supervision of an attorney or legal staff member. A total of 80 hours of internship is necessary for each hour of class credit. Both the AAS and the BVS require two credits of internship to graduate. Students planning to complete all 160 hours of internship in one semester should register for two credits. Students may repeat the one-credit course and complete the required 160 hours over two separate semesters. Students will be responsible for keeping a journal detailing the work they have done. Students will share their experiences with fellow interns using online discussion boards and with the course instructor through memos. (1.2) Proficiency Credit Available (2E) Pass/No Credit Not Available.
In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Prerequisite: PAR 101, PAR 201, PAR 204, and consent of instructor.
Semester(s) Offered: Fall, Spring and Summer

PAR 237 Paralegal Special Topics (3)  3.0
Application of paralegal principles to specific problems through case studies, simulation, special projects, or problem solving procedures. No topics/problem will be offered more than twice in three years. A special topic may only be taken once. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: PAR 101 or concurrent Enrollment in PAR 101.
Semester(s) Offered: Varies

PAR 239 Paralegal Capstone (1)  1.0
This course prepares students for their first paralegal job. Students will create a final portfolio and paralegal resume. The class will focus on preparing students to enter the job force with the knowledge, attitude, and skills required to exceed the expectations of their employers. The course will challenge students to apply their knowledge in client-specific situations that require integrative thinking about legal services and ethics. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: PAR 101, PAR 201, and PAR 204.
Semester(s) Offered: Fall and Spring

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Physical Therapist Assistant

Physical therapist assistants (PTAs) are licensed healthcare providers who assist in delivering high-quality physical therapy services under the supervision of a licensed physical therapist (PT). A combination of clinical practicum rotations and other learning experiences including use of technology and online instructional enhancements, lectures, discussions, small group activities and guided laboratory practice prepares graduates to be employed in a variety of clinical settings. This multidimensional educational approach fosters development of individual responsibility and professional behaviors leading to successful lifelong learning.

Read more about careers in physical therapist assisting at the American Physical Therapy Association (https://apta.org).

Accreditation

The Physical Therapist Assistant program at Elgin Community College is accredited by:

The Commission on Accreditation in Physical Therapy Education (CAPTE)
1111 North Fairfax Street
Alexandria, VA 22314
Telephone: 703-706-3245
e-mail: accreditation@apta.org

Entrance Requirements

- Score in the 25th percentile or better in each section of the PSB-HOA exam.
- Grade of C or better in MTH 098 Intermediate Algebra, MTH 099 Combined Basic & Intermediate Algebra or equivalent or appropriate placement score.
- Official high school transcript or high school equivalency certificate.
- Attendance at current year PTA Information Session.
- Observation hours (see below for more information).

Students must also submit:
Evidence of 10 hours of observation in a physical therapy setting in Illinois or verification of previous physical therapy tech or aide experience in Illinois with documented responses. The observation hours/experience forms with questions can be found at elgin.edu/physicaltherapy (http://www.elgin.edu/physicaltherapy/).

Applicants who are legal residents of Community College District 509 or legal residents from another district in Illinois which has no comparable program will be ranked and the twenty most-qualified individuals will be selected for admission to the Physical Therapist Assistant program. Refer to elgin.edu/physicaltherapy (http://www.elgin.edu/physicaltherapy/) for a description of the applicant screening process. Other applicants may be considered if space is available. Go to elgin.edu/jointagreements (http://www.elgin.edu/jointagreements/) to learn more.

Admission Procedures

Admission to the program is selective. For more information, please see admission requirements (https://elgin.edu/academics/departments/physical-therapist-assistant/program-admissions/).

Program Requirements
Students must complete all required courses with grades of C or better and meet graduation requirements to be eligible to sit for the National Physical Therapy Examination (NPTE) offered by the Federation of State Boards of Physical Therapy (FSBPT). Prior credits in anatomy and physiology courses must have been earned within the last 10 years of the application deadline. Students must provide their own uniforms and transportation to and from all clinical sites.

Policies and Procedures

All students applying to the Physical Therapist Assistant Program must attend an information session within the application year. To register for an information session go to elgin.edu/visitecc (http://www.elgin.edu/visitecc/). Potential applicants will receive detailed information about application procedure and admission process during information session. Students admitted to the program will be required to attend two orientation sessions before physical therapist assistant classes begin (May and August).

Students applying to health professions programs must provide a valid Social Security number in order to be screened for placement on the Illinois Health Care Worker Background Check Registry. Students must be listed on this registry in order to be eligible to complete required clinical training. Any student demonstrating a positive background check will be denied admission to any health professions program. A valid Social Security number is also needed to apply for licensing/ certification exams.

Before attending clinical training, students must submit documentation through the Castlebranch portal including: completed medical form which includes proof of immunizations/titer results, proof of health insurance, TB test, and proof of CPR for the healthcare provider certification. Negative background checks and drug tests are also required.

Health professions students will be required to update their drug test, TB test/TB survey, and flu vaccine information on an annual basis. Any student demonstrating a positive drug test will be dismissed from the Health Professions Division.

The standards, policies, and procedures of the Physical Therapist Assistant Program are published in the PTA student handbook.

Copies of the student handbook may be obtained online at elgin.edu/physicaltherapy (http://www.elgin.edu/physicaltherapy/).

- Collect, understand and analyze written, verbal, performed, and observed data about a patient.
- Provide accurate, appropriate and safe interventions under the supervision of a physical therapist.
- Apply knowledge of principles, indications and contraindications for physical therapy interventions.
- Make adjustments within the plan of care to accommodate patient condition and other variables.
- Practice effective communication skills in the clinical setting with members of the healthcare team, patients, and their families and provide appropriate education.
- Develop a professional code of conduct regarding their role as a PTA, which includes ethics, safety and life-long learning.
- Discuss and apply concepts of multi-cultural awareness in professional behaviors in the classroom and clinical environment.

### Physical Therapist Assistant - Associate of Applied Science

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>First Semester</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIO 110 or BIO 113</td>
<td>Principles of Biology or Molecular &amp; Cellular Biology</td>
<td>4</td>
</tr>
<tr>
<td>PTA 112</td>
<td>Documentation Communication</td>
<td>3</td>
</tr>
<tr>
<td>ENG 101</td>
<td>English Composition I</td>
<td>3</td>
</tr>
<tr>
<td>PSY 100</td>
<td>Intro to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PTA 120</td>
<td>Physical Therapist Assisting I</td>
<td>4</td>
</tr>
<tr>
<td>PTA 110</td>
<td>Therapeutic Exercise</td>
<td>1</td>
</tr>
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<td>18</td>
</tr>
</tbody>
</table>

| **Second Semester** |                                               |              |
| Select one of the following: |                                               | 5-8          |
| BIO 240 | Human Anatomy and Physiology                      |              |
| BIO 245 & BIO 246 | Human Anatomy and Physiology I and Human Anatomy and Physiology II |              |
| PTA 114 | Pathology                                          | 3            |
| PTA 122 | Physical Therapist Assisting II                    | 4            |
| PTA 123 | Clinical Practicum I                               | 3            |
| Total |                                                    | 15-18        |

| **Third Semester** |                                               |              |
| PTA 125 | Kinesiology                                        | 4            |
| HUM 216 | Ethics                                              | 3            |
| ENG 102 | English Composition II                             | 3            |
| Total |                                                    | 10           |

| **Fourth Semester** |                                               |              |
| PSY 218 | Human Growth and Development                       | 3            |
| CMS 215 | Intercultural Communication                         | 3            |
| PTA 231 | Physical Therapist Assisting III                    | 5            |
| PTA 232 | Clinical Practicum II                               | 5            |
| Total |                                                    | 16           |

| **Physical Therapist Assistant Courses** |                                               |              |
| PTA 241 | Physical Therapist Assisting IV                    | 5            |
| PTA 242 | Clinical Practicum III                              | 5            |
| PTA 250 | Physical Therapist Assistant Seminar               | 2            |
| Total |                                                    | 12           |

Program Total: 71-74

Physical Therapist Assistant Courses

All PTA courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.

SPECIAL NOTE: Explore the Physical Therapist Assistant Program and come to an information session For more details, go to elgin.edu/visitecc (https://elgin.edu/about-ecc/visiting-campus/).

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Physical Therapist Assistant (PTA) Program. For more information please refer to elgin.edu/physicaltherapy (https://elgin.edu/academics/departments/physical-therapist-assistant/).
PTA 110 Therapeutic Exercise (1)  .5,1
Instruction in a variety of therapeutic exercises will be performed, for example: ROM, flexibility, stretching, strengthening with a variety of exercise equipment. The student will learn proper body alignment and posture during performance of exercises. Topics include basics of the exercise prescription to improve patient goals and outcomes while integrating postural concepts and safety awareness. Other topics will include safety related to guarding and monitoring physical status and physiological responses during exercise. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available
www.elgin.edu/physicaltherapy (http://www.elgin.edu/physicaltherapy/)

SPECIAL NOTE: Explore the physical therapist assistant program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Physical Therapist Assistant (PTA) program. For more information please refer to elgin.edu/physicaltherapy (http://elgin.edu/physicaltherapy/).

In-District Tuition/Fees: $199 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Acceptance into Physical Therapist Assistant program
Semester(s) Offered: Fall

PTA 112 Documentation Communication (3)  3.0
This course introduces forms of documentation with emphasis on the SOAP format. Medical terminology related to physical therapy and the healthcare environment is an integral part of the course. Legal and ethical procedures regarding documentation are discussed. Students will be able to document an accurate and effective SOAP note utilizing appropriate medical terminology at the conclusion of this course. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available
www.elgin.edu/physicaltherapy (http://www.elgin.edu/physicaltherapy/)

SPECIAL NOTE: Explore the physical therapist assistant program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Physical Therapist Assistant (PTA) program. For more information please refer to elgin.edu/physicaltherapy (http://elgin.edu/physicaltherapy/).

In-District Tuition/Fees: $443 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Acceptance into the Physical Therapy Assistance Program
Semester(s) Offered: Fall

PTA 114 Pathology (3)  3.0
This course will provide the student with the scientific study of the nature of various diseases and related causes, processes, development and consequences. Clinical application of knowledge will be expected in concurrent and following physical therapist assistant courses. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available
www.elgin.edu/physicaltherapy (http://www.elgin.edu/physicaltherapy/)

SPECIAL NOTE: Explore the physical therapist assistant program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Physical Therapist Assistant (PTA) program. For more information please refer to elgin.edu/physicaltherapy (http://elgin.edu/physicaltherapy/).

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Concurrent enrollment in PTA 122
Semester(s) Offered: Spring

PTA 120 Physical Therapist Assisting I (4)  3.2
This course introduces the student to the history and principles of physical therapy; standards of practice and conduct for physical therapists and physical therapist assistants; the PT/PTA preferred relationship and respective roles and responsibilities; state and federal laws governing the practice of physical therapists and assistants; overview of the structure and organization of the U.S. health care system; general information about the professional organization and its impact on practice; principles and concepts related to patient practitioner interactions including psycho-social issues and cultural awareness; principles of patient education; documentation standards; basics of patient care services including transfers, assistive devices, patient instruction; data collection including vital signs, arousal, mentation and cognition; infection control measures; concepts of professional communications; basic clerical functions; and expected professional behaviors. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available
www.elgin.edu/physicaltherapy (http://www.elgin.edu/physicaltherapy/)

SPECIAL NOTE: Explore the physical therapist assistant program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Physical Therapist Assistant (PTA) program. For more information please refer to elgin.edu/physicaltherapy (http://elgin.edu/physicaltherapy/).

In-District Tuition/Fees: $712 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Acceptance into PTA program; Grade of C or better in BIO 110 or BIO 113 or concurrent enrollment in BIO 110 or BIO 113 and concurrent enrollment in PTA 110 and PTA 112
Semester(s) Offered: Fall
PTA 122 Physical Therapist Assisting II (4)  2,4
This course further develops and refines patient care skills acquired in PTA 120, with additional emphasis on range of motion, functional training, professional behavior and compliance with professional guidelines. Areas of study will include joint range of motion and measurement, basic pharmacology, introduction to soft tissue mobilization and massage, lymphatic drainage, study and practice of physical and electrotherapeutic agents, mechanical and manual traction. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available
www.elgin.edu/physicaltherapy (http://www.elgin.edu/physicaltherapy/)

SPECIAL NOTE: Explore the physical therapist assistant program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Physical Therapist Assistant (PTA) program. For more information please refer to elgin.edu/ physicaltherapy (http://elgin.edu/physicaltherapy/).

In-District Tuition/Fees: $662 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Concurrent enrollment in PTA 114 and PTA 123 and Grade of C or better in PTA 110, PTA 120 Grade of C or better in BIO 240 or BIO 246 or concurrent enrollment in BIO 240 or BIO 246

Semester(s) Offered: Spring

PTA 123 Clinical Practicum I (3)  0,9
This clinical experience provides an opportunity to apply skills from PTA 120 and concurrent PTA 122 in a clinical setting under direct supervision of a clinical instructor. This first of three affiliations meets two eight hour days per week for nine weeks (144 hours total). Weekly academic projects will be completed with supervision of the clinical instructor emphasizing and utilizing the knowledge gained and correlating with PTA 122 classroom knowledge and skills. Completion of a 15 minute oral presentation, including educational supplemental materials, to the clinical staff members on a topic approved by the Academic Coordinator of Clinical Education (ACCE) and Clinical Instructor (CI) is required. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/physicaltherapy (http://www.elgin.edu/physicaltherapy/)

SPECIAL NOTE: Explore the physical therapist assistant program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Physical Therapist Assistant (PTA) program. For more information please refer to elgin.edu/ physicaltherapy (http://elgin.edu/physicaltherapy/).

In-District Tuition/Fees: $430 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Concurrent enrollment in PTA 122

Semester(s) Offered: Spring

PTA 125 Kinesiology (4)  2,4
Kinesiology is the study of human movement. The neuromuscular and musculoskeletal systems and their function in relation to activity is presented. Instruction in biomechanics, kinetics, osteo- and arthokinematics assists in understanding joint structure and muscle function. Each major joint of the musculoskeletal system is studied and accompanied by palpation and observation during laboratory activities. Topics also include pathomechanics, muscle physiology, physical laws and principles of leverage, posture and gait. All course information will be related to the application of clinical practice. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available
www.elgin.edu/physicaltherapy (http://www.elgin.edu/physicaltherapy/)

SPECIAL NOTE: Explore the physical therapist assistant program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Physical Therapist Assistant (PTA) program. For more information please refer to elgin.edu/ physicaltherapy (http://elgin.edu/physicaltherapy/).

In-District Tuition/Fees: $561 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in PTA 114, PTA 122 and PTA 123

Semester(s) Offered: Summer

PTA 231 Physical Therapist Assisting III (5)  3,4
This course further develops and refines patient care skills acquired in PTA 120 and PTA 122 with additional emphasis on fundamental orthopedic management and the musculoskeletal system. Participants will become familiar with interventions in rehabilitation of orthopedic surgeries and injuries commonly seen in physical therapy, associated interventions and data collection techniques. Specialized topics include wound care, burns, and considerations for specific and varied patient populations including orthopedics, sports injury, geriatrics, and joint replacement, uncomplicated pregnancy and post-partum status. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available
www.elgin.edu/physicaltherapy (http://www.elgin.edu/physicaltherapy/)

SPECIAL NOTE: Explore the physical therapist assistant program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Physical Therapist Assistant (PTA) program. For more information please refer to elgin.edu/ physicaltherapy (http://elgin.edu/physicaltherapy/).

In-District Tuition/Fees: $909 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in PTA 125; concurrent enrollment in PTA 120

Semester(s) Offered: Fall
PTA 232 Clinical Practicum II (5) 0,15
This clinical experience provides an opportunity to apply skills acquired in all previous PTA curriculum courses and concurrent PTA 231 in a clinical setting under direct supervision of a clinical instructor. This second of three affiliations meets three eight hours per week for 10 weeks (total of 240 hours). The affiliation will try to be varied from the previous clinical experience and may be in one of the following settings: acute care, out patient, rehabilitation, pediatrics, skilled nursing facility, neuro or orthopedic setting. Completion of an oral presentation, including educational supplemental materials, to the clinical staff members on a topic approved by the Academic Coordinator of Clinical Education (ACCE) and Clinical Instructor (CI) is required. Emphasis on utilizing the knowledge gained in current and previous PTA courses with safe demonstration of skills in the clinical setting. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available
www.elgin.edu/physicaltherapy (http://www.elgin.edu/physicaltherapy/)

SPECIAL NOTE: Explore the physical therapist assistant program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Physical Therapist Assistant (PTA) program. For more information please refer to elgin.edu/physicaltherapy (http://elgin.edu/physicaltherapy/).

In-District Tuition/Fees: $694 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Concurrent enrollment in PTA 231
Semester(s) Offered: Fall

PTA 241 Physical Therapist Assisting IV (5) 3,4
This course includes the theory and practice of skills needed in clinical practice as a PTA regarding interventions for patients needing amputation & prosthetic training, neurological deficits due to disease or trauma, common pediatric disorders, cardiac and pulmonary conditions. Other topics of study will include the psychosocial issues related to rehabilitation, environmental barriers and adaptive modifications, prescription wheel chair seating systems, a study of normal and abnormal motor development, neurotherapeutic rehabilitation techniques, and the effects of aging on functional movement across the lifespan. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available
www.elgin.edu/physicaltherapy (http://www.elgin.edu/physicaltherapy/)

SPECIAL NOTE: Explore the physical therapist assistant program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Physical Therapist Assistant (PTA) program. For more information please refer to elgin.edu/physicaltherapy (http://elgin.edu/physicaltherapy/).

In-District Tuition/Fees: $776 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in PTA 231 and PTA 232 and concurrent enrollment in PTA 242
Semester(s) Offered: Spring

PTA 242 Clinical Practicum III (5) 0,15
Supervised clinical practice in a physical therapy department or facility. Students will have the opportunity and be expected to apply skills and knowledge learned in all prior PTA classroom and clinical courses, including knowledge and skills concurrently taught in PTA 241. This third rotation is a full time, 40 hours per week, for six weeks clinical experience for a total of 240 clinical hours. Completion of an oral presentation, including educational supplemental materials, to the clinical staff member on a topic approved by the Academic Coordinator of Clinical Education (ACCE) and Clinical Instructor (CI) is required; as well as a project for the clinical site. Emphasis on utilizing the knowledge gained in the PTA program with demonstration of critical thinking and problem solving abilities related to the clinical setting expected. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

SPECIAL NOTE: Explore the physical therapist assistant program and come to an information session. For more details, go to elgin.edu/physicaltherapy (http://www.elgin.edu/physicaltherapy/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Physical Therapist Assistant (PTA) program. For more information please refer to elgin.edu/physicaltherapy (http://elgin.edu/physicaltherapy/).

In-District Tuition/Fees: $386 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Concurrent enrollment in PTA 241 and PTA 242
Semester(s) Offered: Spring

SPECIAL NOTE: Explore the physical therapist assistant program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

Surgical Technology

Surgical Technology
Surgical technologists are allied health professionals who are an important part of the team of medical practitioners providing surgical care to patients. Surgical technologists work under the supervision of a surgeon to facilitate the safe and effective conduct of invasive surgical procedures, ensuring that the operating room environment is safe, that equipment functions properly, and that the operative procedure is conducted under conditions that maximize patient well-being. Surgical
technologists possess expertise in the theory and application of sterile and aseptic technique and combine the knowledge of human anatomy, surgical procedures, and implementation tools and technologies to facilitate a physician's performance of surgeries. Graduates of Elgin Community College's Surgical Technology Program are eligible for certification by the National Board of Surgical Technology and Surgical Assisting (NBSTSA), an administratively independent body from the Association of Surgical Technologists. Students who pass the NBSTSA exam earn the title of certified surgical technologist (CST).

**Sterile Processing and Distribution**

Sterile Processing and Distribution Technicians clean, sterilize, and assemble surgical instruments, equipment, and supplies for use in operating rooms and other medical and surgical facilities. The program includes instruction in sterilization; infection control; decontamination; and surgical instrumentation processing, distribution, and record-keeping. Successful graduates will be granted an Elgin Community College Sterile Processing and Distribution Certificate. Graduates are also eligible to sit for the Certified Board of Sterile Processing and Distribution (CBSPD) certification exam; as well as the International Association of Healthcare Central Service Material Management (IAHCSMM) provisional certification exam.

**Accreditation**

**Surgical Technology:**

The Commission on Accreditation of Allied Health Education Programs (CAAHEP)

25400 US Highway 19 North Suite 158

Clearwater, FL 33763

(727) 210-2350

caahep.org (http://www.caahep.org)

Upon the recommendation of:

The Accreditation Review Council on Education in Surgical Technology and Surgical Assisting (ARC/STSA)

6 W. Dry Creek Circle Suite #110

Littleton, CO 80120

Phone: 303-694-9262

Fax: 303-741-3655

info@arcstsa.org (http://www.info@arcstsa.org)

Accreditation through ARC/STSA ensures students receive an education in surgical technology adhering to strict standards established by the profession. In addition, Elgin Community College is regionally accredited through North Central Association of Colleges and Schools.

**Entrance Requirements**

**Surgical Technology**

- Score in the 25th percentile or better in each section of the PSB-HOA exam.
- Grade of C or better in BIO 110 Principles of Biology or equivalent within the last 10 years. (Note: Students who have earned a grade of C or better in BIO 240 Human Anatomy and Physiology or BIO 245 Human Anatomy and Physiology I and BIO 246 Human Anatomy and Physiology II or equivalent are not required to complete BIO 110 Principles of Biology.

All applicants will be ranked based on these requirements and the most-qualified individuals will be selected for admission to the Surgical Technology Program. Refer to elgin.edu/surgicaltech for a description of the applicant screening process.

**Sterile Processing and Distribution**

- Score in the 12th percentile or better in each section of the PSB-HOA exam.

**Admission Procedures**

**Surgical Technology**

Admission to the program is selective. For more information, please see admission requirements (https://elgin.edu/academics/departments/surgical-technology/program-admissions/).

**Sterile Processing and Distribution**

- Register for course no later than August 1st.

**Program Requirements**

**Surgical Technology**

Students must complete all required courses with grades of C or better to be eligible for graduation and to sit for the National Surgical Technologist Certification exam offered by:

The National Board of Surgical Technology and Surgical Assisting (NBSTSA)

6 W. Dry Creek Circle, Suite 100

Littleton, CO 80120

(800) 707-0057

nbstsa.org (http://www.nbstsa.org)

Students must apply for and complete this exam during the final semester of the program. Students must provide their own uniforms and transportation to and from all clinical sites.

**Sterile Processing and Distribution**

Students must complete all required courses with grades of C or better to be eligible for certification. Students must provide their own transportation to and from all clinical sites.

**Policies and Procedures**

**Surgical Technology**

Students applying to health professions programs must provide a valid Social Security number in order to be screened for placement on the Illinois Health Care Worker Background Check Registry. Students must be listed on this registry in order to be eligible to complete required clinical training. Any student demonstrating a positive background check will be denied admission to any health professions program. A valid Social Security number is also needed to apply for licensing/certification exams.

Prior to the first day of class, students must have the following documentation on file with CastleBranch: negative drug test results, completed medical form which includes proof of immunizations/titer results, proof of health insurance coverage, and proof of healthcare provider CPR certification.

Health professions students will be required to update their drug test, TB test/TB survey, and flu vaccine information on an annual basis. Any student demonstrating a positive drug test will be dismissed from the Health Professions Division.
Sterile Processing and Distribution

Students applying to health professions programs must provide a valid Social Security number in order to be screened for placement on the Illinois Health Care Worker Background Check Registry. Students must be listed on this registry in order to be eligible to complete required clinical training. Any student demonstrating a positive background check will be denied admission to any health professions program. A valid Social Security number is also needed to apply for licensing/certification exams.

Two weeks prior to the first day of class, students must have the following documentation on file with CastleBranch: negative drug test results, proof of immunizations/titer results, proof of health insurance coverage, and proof of healthcare provider CPR certification.

Surgical Technology

- Incorporate critical thinking and use of problem-solving techniques.
- Act responsibly.
- Demonstrate honesty and integrity.
- Interact and communicate with others.
- Recognize patient rights, needs, and values.
- Incorporate basic patient-care concepts.
- Integrate the principles of asepsis in practice to provide optimum patient care.
- Incorporate basic surgical case preparation skills.
- Facilitate the creation and maintenance of the sterile field.
- Incorporate the role of first scrub on all basic surgical cases.
- Integrate responsible behavior as a health care professional.

Sterile Processing Distribution

- Correlate knowledge of purpose of safe practice and patient care concepts related to infection prevention and control.
- Incorporate principles, safety standards and regulations as it relates to Central Services and Materials Management.
- Apply basic understanding of surgical instrumentation.
- Identify and implement proper sterilization methods as an entry-level sterile processing and distribution technician.
- Integrate responsible behavior as a health care professional.
- Apply their knowledge of the biologic sciences and biomedical technology to their role in the Sterile Processing and Distribution department (cognitive program goal).
- Demonstrate and value the skills that are required for quality patient care, safe practice, and aseptic techniques in the Sterile Processing and Distribution department (psychomotor program goal).
- Communicate effectively with team members and other facility departments (psychomotor program goal).
- Assume responsibility as a member of the profession of Sterile Processing and Distribution by applying established standards of practice, professional ethics, and ongoing self-evaluation (affective program goal).
- Maintain an "Ethical Conscience" and accountability for personal actions (affective program goal).

Surgical Technology—Associate of Applied Science

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<tr>
<td>BIO 245</td>
<td>Human Anatomy and Physiology I</td>
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<td>SGT 100</td>
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<td>Second Semester</td>
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<td>BIO 246</td>
<td>Human Anatomy and Physiology II</td>
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<td>ENG 102</td>
<td>English Composition II</td>
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<td>SGT 102</td>
<td>Intro to Surgical Technology</td>
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<td>Third Semester</td>
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<td>SGT 111</td>
<td>Surgical Technology II</td>
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<td>PSY 100</td>
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<td>SGT 120</td>
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<td>HUM 216</td>
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Sterile Processing and Distribution-Basic Vocational Specialist

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<tr>
<td>SGT 100</td>
<td>Sterile Processing and Distribution</td>
<td>5</td>
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</table>

Surgical Technology Courses

All SGT courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.

SGT 100 Sterile Processing and Distribution (5)  2,9

This course introduces students to the decontamination, processing, sterilization, and distribution of surgical instrumentation and supplies. Classroom and clinical practice include instruction in aseptic techniques, patient care concepts, theories and practices of sterile processing departments, as well as professionalism and ethical behavior in healthcare. Successful completion offers eligibility to take the International Association of Healthcare Central Service Material Management (IAHCSMM) Provisional Examination as well as the Certification Board of Sterile Processing and Distribution (CBSPD) Sterile Processing and Distribution Technician Certification Examination. Special Note: A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Sterile Processing and Distribution. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/fees: $660 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Completion of Psychological Services Bureau Exam for Health Occupations Aptitude (PSB-HOA) with a minimum 12th percentile in all categories of the exam.+

Semester(s) Offered: Fall and Spring
SGT 102 Intro to Surgical Technology (7)  6.5,1
This course introduces the student to the role, necessary skills, and working environment of the surgical technologist. Studies also include the preoperative care of the surgical patient as well as the practice and demonstration of aseptic technique. (1.2) Special Note: A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Surgical Technology (SGT) program. Successful completion of the SGT program allows students eligibility to take the National Board of Surgical Technologists and Surgical Assistants (NBSTSA) Certified Surgical Technologist (CST) Exam. Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/surgicaltech (http://www.elgin.edu/surgicaltech/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Surgical Technology (SGT) program. For more information please refer to elgin.edu/surgicaltech/.

In-District Tuition/Fees: $974 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Admission to the Surgical Technology Program. Grade of C or better in HPE 112, SGT 100, and BIO 245.

Semester(s) Offered: Spring

SGT 111 Surgical Technology II (13)  6.5,19.5
This course introduces the Surgical Technology student to the principles of intraoperative surgical care. Students will participate in a clinical rotation within a hospital/surgery center where surgical asepsis and patient care will be implemented. Special Note: A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Surgical Technology (SGT) program. Successful completion of the SGT program allows students eligibility to take the National Board of Surgical Technologists and Surgical Assistants (NBSTSA) Certified Surgical Technologist (CST) Exam. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/surgicaltech (http://www.elgin.edu/surgicaltech/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Surgical Technology (SGT) program. For more information please refer to elgin.edu/surgicaltech/.

In-District Tuition/Fees: $1906 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in SGT 102 and BIO 246.+

Semester(s) Offered: Fall

SGT 120 Surgical Technology III (12)  4,24
Common surgical procedures will be studied in detail while the student further develops perioperative skills assisting the surgeon in the operating room. This course also reviews professional skills and the certification exam. Special Note: A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Surgical Technology (SGT) program. Successful completion of the SGT program allows students eligibility to take the National Board of Surgical Technologists and Surgical Assistants (NBSTSA) Certified Surgical Technologist (CST) Exam. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/surgicaltech (http://www.elgin.edu/surgicaltech/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Surgical Technology (SGT) program. For more information please refer to elgin.edu/surgicaltech/.

In-District Tuition/Fees: $1981 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in SGT 111.

Semester(s) Offered: Spring

Truck Driving

The Truck Driving Program includes 320 hours of education consisting of classroom and hands-on yard and road training. In addition to driving skills, students learn map reading, trip planning, log keeping, vehicle systems, cargo handling, driving under adverse conditions, defensive driving, and transporting hazardous materials. The mandatory written examination and the driving test must be taken at a designated commercial driver’s license testing center for licensure or permit. Equipment for the driving test will be provided to ECC students. To be commercially licensed intrastate, students must be at least age 18, age 21 for interstate and/or to transport placarded hazardous materials.

Entrance Requirements

Must pass federal Department of Transportation (DOT) "qualifications and disqualifications," and potential students must meet with program director prior to registration.

Program Requirements

Students must obtain required forms from the Truck Driving Department which need to be completed and returned prior to starting the program.

Special Admission Requirement

The DOT has regulations which govern the use of drugs and alcohol by commercial motor vehicle drivers, and which require Elgin Community College to conduct mandatory drug and alcohol testing of students in the Truck Driving Program at specific times and under specific conditions. These regulations are available in the Advising Center, the Office of Student Life, and the Truck Driving Department.

Forklift Operator Entrance Requirements

The forklift certificate consists of classroom and hands-on instruction in the safe operation of lift trucks. Students will be instructed on safety inspections, balance calculation, safe operation for loading/unloading and movement of lift with and without loads. All instruction will follow
training requirements outlined by Occupational Safety and Health Administration (OSHA) regulations. Students will earn a Forklift Operator Certificate upon completion.

Qualifying students must be a minimum of 18 years of age, in good mental and physical health, be able to lift a minimum of twenty-five pounds unassisted, bend, stretch, sit, and stand for extended periods of time. Must be drug and alcohol free. Operators are not required to hold a state driver’s license. Note: many companies may require an operator to be 21 years of age to operate a lift truck.

Basic Vocational

- Perform required inspections of commercial vehicles.
- Skillfully and safely back up vehicles to minimum standards.
- Skillfully and safely drive commercial tractor-trailer combinations on public roadways.

Forklift Operator

- Describe the purpose and uses of a lift truck
- Perform proper and through per-operational safety inspection
- Demonstrate proper operational safety habits
- Demonstrate the basic operation and controls in lifting, lowering and movement of loads

Truck Driving Courses

All BRG courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.

Completion of BRG 101 Truck Driving I, BRG 201 Truck Driving II, and BRG 202 Truck Driving III will prepare the student to take the necessary exams to obtain a license to operate a tractor trailer.

**BRG 101 Truck Driving I (6)  6.0**
This course will include vehicle systems, D.O.T. rules and regulations, logs, and all legal topics of interest to trucking and transportation. Additional topics include defensive driving, cargo handling, hazardous materials. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $892 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Consent of instructor
Semiters(s) Offered: Fall, Spring and Summer

**BRG 110 Fork Lift Operator (1)  1.0**
This course covers the aspects of safe operation of forklifts in the industrial logistics environment. The course will cover safe operation of the lift truck including, pre-operation safety inspections, surveying and identifying hazards and using the principles of the Stability Triangle to properly retrieve and storing loads. An electric counterbalanced sit down forklift will be used for training however other fuel sources and lifts will be discussed. All training will follow guidelines set by OSHA and ANSI for safe operation of lift trucks. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Prerequisite: None
Semiters(s) Offered: Fall, Spring and Summer

**BRG 201 Truck Driving II (6)  6.0**
This course covers the yard and on-the-road aspects of tractor trailer driving. Students will receive extensive hands-on-experience in backing, parking, start up, and preventive maintenance. There will be actual on-the-road driving by students. Completion of BRG 101 and BRG 201 will prepare the student to take the necessary exams to obtain a license to operate a tractor trailer. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $2992 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: BRG 101
Semiters(s) Offered: Fall, Spring and Summer

Truck Driving - Basic Vocational Specialist

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<tr>
<td>BRG 101</td>
<td>Truck Driving I</td>
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<tr>
<td>BRG 201</td>
<td>Truck Driving II</td>
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<td>BRG 202</td>
<td>Truck Driving III</td>
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Certified Forklift Operator - Basic Vocational Specialist

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<td>BRG 110</td>
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<tr>
<td><strong>Total Credit Hours</strong></td>
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BRG 202 Truck Driving III (4)  4.0
This course is an extension of BRG 101 and BRG 201 with further study of
the topics and skills covered in those two courses. Also included
will be additional information on maintenance, communications, costs, dispatching, and operations. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $628 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Consent of instructor
Semester(s) Offered: Fall, Spring and Summer

BRG 203 Defensive Driving Techniques (2)  2.0
This course will address the core concepts of defensive driving, preventable collisions, personal responsibility, driving to protect others and hazard recognition. The course will also address lighting conditions, weather conditions, road conditions and traffic conditions. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Consent of instructor
Semester(s) Offered: Fall, Spring and Summer

Welding

The welding program has a four semester degree program in advanced metal fabrication processes plus four, short-term certificates. Certificate options are designed so that coursework may be applied to the degree, should the student pursue additional study, and they allow for maximum flexibility which makes them ideal for those currently working in the field and for those who need to obtain greater specialization or more credentials.

Entrance Requirements
None

Program Requirements
Students are required to purchase all safety equipment and shop supplies outlined by the instructor. A complete list of supplies will be provided on first day of class.

• Operate safety equipment, use safe work habits; recognize, assess and address unsafe working conditions.
• Recognize, set-up, and operate hand and power tools common to the welding trade and fabrication industry, such as drills, clamps, grinders.
• Identify metals using basic inspecting techniques (visual, scratch test, spark test).
• Connect and adjust high pressure gas regulators to reach the desired flame configuration or desired psi/cfh.
• Ignite torches or start power supplies and strike arcs by touching electrodes to metals being welded, completing the electrical circuits.
• Select and install torches, torch tips, and filler rods according to the manufacturers specification chart for the thickness of metal being welded.
• Lay-out, position, align and secure parts and assemblies using proper tools (squares, calipers, combination squares and rulers); clamp, hold, tack-weld, heat-bend, grind components to obtain required configurations and position for welding.
• Weld components in all positions.
• Weld separately or in combination, using steel, aluminum, stainless steel, cast iron and other alloys.
• Perform multiple pass welds with GMAW, SMAW, GTAW in all positions.
• Examine weldments for defects and measure workpieces with straightedges or templates to ensure conformance with standards and specification.
• Set-up and properly adjust gas metal arc welders, gas tungsten arc welders, shielded metal arc welders, plasma cutters and oxygen and acetylene systems.
• Program and operate a CNC plasma cutting table.
• Construct weldments from a welding blueprint using proper AWS welding symbols.

Welding Fabrication Technology
- Associate of Applied Science

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<td>Second Semester</td>
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<tr>
<td>WEL 102</td>
<td>Welding II</td>
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<tr>
<td>WEL 112</td>
<td>Applied Welding Theory</td>
<td>3</td>
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<tr>
<td>WEL 113</td>
<td>Welding Power Sources and Setup</td>
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</tr>
<tr>
<td>Industrial Technology Electives</td>
<td></td>
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<tr>
<td>Required Communications Course (p. 192)</td>
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<td>WEL 208</td>
<td>Welding III</td>
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<tr>
<td>WEL 221</td>
<td>Adv. Blueprint Reading for Welders</td>
<td>2</td>
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<td>IMT 103</td>
<td>Industrial Manufacturing Tech I</td>
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<td>WEL 215</td>
<td>Advanced Welding Techniques</td>
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<tr>
<td>Required Social or Behavioral Sciences Course (p. 192)</td>
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<td>WEL 210</td>
<td>Welding IV</td>
<td>4</td>
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<tr>
<td>WEL 211 or WEL 212</td>
<td>TIG Welding Techniques or MIG Welding Techniques</td>
<td>4</td>
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<td>WEL 213</td>
<td>Welding Metallurgy</td>
<td>3</td>
</tr>
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<td>WEL 214</td>
<td>Cutting Processes</td>
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Industrial Technology Electives

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<td>CAD 101</td>
<td>Introduction to Engineering Design</td>
<td>4</td>
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<tr>
<td>CAD 105</td>
<td>Pro/ENGINEER Basic Design Training</td>
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</tr>
<tr>
<td>CAD 120</td>
<td>Introduction to SolidWorks</td>
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Elgin Community College Catalog

Welding - Vocational Specialist

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<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tr>
<td>HAC 109</td>
<td>Basic Sheet Metal</td>
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<tr>
<td>WEL 211</td>
<td>TIG Welding Techniques</td>
<td>4</td>
</tr>
<tr>
<td>WEL 212</td>
<td>MIG Welding Techniques</td>
<td>4</td>
</tr>
<tr>
<td>WEL 218</td>
<td>SMAW Qualification</td>
<td>3</td>
</tr>
<tr>
<td>WEL 220</td>
<td>GMAW Qualification</td>
<td>3</td>
</tr>
<tr>
<td>WEL 234</td>
<td>Special Topics in Welding</td>
<td>1-3</td>
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Welding - Basic Vocational Specialist

<table>
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<tr>
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<td>WEL 101</td>
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<tr>
<td>WEL 102</td>
<td>Welding II</td>
<td>4</td>
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<tr>
<td>WEL 120</td>
<td>Blueprint Reading for Welders</td>
<td>2</td>
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<tr>
<td>WEL 208</td>
<td>Welding III</td>
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<td>WEL 218</td>
<td>SMAW Qualification</td>
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Total Credit Hours 18.5

Arc Welding - Basic Vocational Specialist

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<td>Welding I</td>
<td>2.5</td>
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<tr>
<td>WEL 102</td>
<td>Welding II</td>
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</tr>
<tr>
<td>WEL 120</td>
<td>Blueprint Reading for Welders</td>
<td>2</td>
</tr>
<tr>
<td>WEL 208</td>
<td>Welding III</td>
<td>4</td>
</tr>
<tr>
<td>WEL 218</td>
<td>SMAW Qualification</td>
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Total Credit Hours 15.5

Gas Metal Arc - Basic Vocational Specialist

<table>
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<td>Welding I</td>
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<tr>
<td>WEL 102</td>
<td>Welding II</td>
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<tr>
<td>WEL 120</td>
<td>Blueprint Reading for Welders</td>
<td>2</td>
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<tr>
<td>WEL 208</td>
<td>Welding III</td>
<td>4</td>
</tr>
<tr>
<td>WEL 220</td>
<td>GMAW Qualification</td>
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</tbody>
</table>

Total Credit Hours 15.5

Welding Courses

All WEL courses numbered 100 and above may be applied to the major field and elective requirement in the Associate in Arts and Associate in Science degrees.

WEL 101 Welding I (2.5) 1.3
An introduction to the welding industry including, safety, careers, and common terminology. Basic concepts of oxy-fuel welding, cutting, and shielded metal arc welding. Labs include shielded metal arc welding, oxy-fuel welding and brazing in the flat and horizontal positions. Further, oxy-fuel cutting in multiple positions will be covered. (1.2) Proficiency Credit Available (3 LETSIR) Pass/No Credit Available.

In-District Tuition/Fees: $395 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring

WEL 102 Welding II (4) 2.4
Advanced techniques and skill improvement in oxy-acetylene welding and arc welding. The lab experiences in basic MIG and TIG (Heliarc) welding will be provided. An introduction to weld testing will be included. (1.2) Proficiency Credit Available (3 LETSIR) Pass/No Credit Not Available.

In-District Tuition/Fees: $613 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in WEL 101 or consent of instructor
Semester(s) Offered: Fall and Spring
WEL 111 Welding Safety (3) 3,0
Effective 2020 Summer this course will be withdrawn. The student will become aware of the importance of developing a safe work attitude as it applies to the welding industry. Safe handling of various gases, welding equipment and related tools will be covered. Emphasis will be on creating and maintaining a safe welding environment. (1.2) Proficiency Credit Available (3 LETSI) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Varies

WEL 112 Applied Welding Theory (3) 2,2
A course which will provide both lab and classroom experiences to cover the basic theory of all major welding processes. Processes covered include: Shielded metal arc welding; gas metal arc welding; gas tungsten arc welding; flux cored arc welding; submerged arc welding; plasma arc welding and oxy-acetylene welding. (1.2) Proficiency Credit Available (3 EILMST) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: WEL 102 or concurrent enrollment in WEL 102
Semester(s) Offered: Varies

WEL 113 Welding Power Sources and Setup (3) 2,2
Designed to familiarize the student with the differences between various types of welding power sources. The student will learn through lab experiences proper set-up and maintenance, troubleshooting procedures, and minor repair techniques. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: WEL 102 or concurrent enrollment in WEL 102
Semester(s) Offered: Varies

WEL 120 Blueprint Reading for Welders (2) 1,2
Prepares the student to interpret drawings as applied in the welding trade and to become familiar with welding symbols and their significance. (1.2) Proficiency Credit Available (3 LETSIR) Pass/No Credit Available.
In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Varies

WEL 208 Welding III (4) 2,4
The student will perform weld using mild steel in all positions and will include arc, gas tungsten arc (TIG), submerged arc welding (SAW), and gas metal arc (MIG) processes. The student will become comfortable in the operation of plasma arc cutting. Emphasis will be on development of a degree of skill necessary to pass welder qualification tests in all positions. (1.2) Proficiency Credit Available (3 LETSI) Pass/No Credit Not Available.
In-District Tuition/Fees: $603 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in WEL 102 or consent of instructor
Semester(s) Offered: Fall and Spring

WEL 210 Welding IV (4) 2,4
Students will construct welding projects employing arc, oxy-acetylene, gas metal arc (MIG), gas tungsten arc (TIG), or any combination of these welding processes using a welding blueprint as a guide. (1.2) Proficiency Credit Available (3 LETS) Pass/No Credit Not Available.
In-District Tuition/Fees: $603 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: WEL 120 and 208 or consent of instructor
Semester(s) Offered: Varies

WEL 211 TIG Welding Techniques (4) 2,4
This course is for students who need to develop skills in gas tungsten arc welding (TIG). The student will select appropriate machine settings. All position welds on hot and cold rolled and galvanized mild steel, stainless steel, and aluminum will be produced. Process variations include standard and pulsed mode operation. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $603 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Effective Summer 2020 Grade of C or better in WEL 102 or consent of instructor. Prerequisite: WEL 101 or consent of instructor
Semester(s) Offered: Varies

WEL 212 MIG Welding Techniques (4) 2,4
This course is for students who need to develop skills in gas metal arc welding (MIG). The student will set up welding equipment and produce welds in all positions. Process variations will be used including short circuit and spray transfer with solid wire, flux cored (inner shield and dual shield) and submerged arc welding. Metals to be welded include mild steel, stainless steel, and aluminum. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $603 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: WEL 101 or consent of instructor
Semester(s) Offered: Varies
WEL 213 Welding Metallurgy (3)  2,2
This course will cover the applications and concepts of basic metallurgy. Topics include characteristics of atoms, atomic structure of elements, properties of metals, crystal structures, and phase changes of metals. Further, students will learn about theory and application of metal identification, weldability of metals, heat treating processes. Testing and hands-on application will be a component of this course. Both ferrous and non-ferrous metals will be covered. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: None
Semester(s) Offered: Fall and Spring

WEL 214 Cutting Processes (2)  1,2
This is a skill building course which will allow the student an opportunity to gain proficiency in all major industrial arc and oxy-fuel cutting processes-manual, semi-automatic and automatic. Processes include Plasma Arc, Air Carbon Arc, Shielded Metal Arc, Exothermic, and Oxy-Fuel Cutting. The student will also learn to operate an optical tracer and CNC controls. (1.2) Proficiency Credit Available (3 LETSI) Pass/No Credit Not Available.

In-District Tuition/Fees: $339 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Grade of C or better in WEL 101 or consent of instructor
Semester(s) Offered: Varies

WEL 215 Advanced Welding Techniques (4)  2,4
This is a skill development course designed to help the student produce quality welds on cast iron, aluminum, medium carbon steel, and other metals requiring special weld treatment. Other weld troubleshooting techniques will be covered starting with precise metal identification, locating and eliminating cracks, visual inspection, and proper pre-and post-weld treatment. (1.2) Proficiency Credit Available (3 LETSI) Pass/No Credit Not Available.

In-District Tuition/Fees: $603 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: WEL 102
Semester(s) Offered: Varies

WEL 218 SMAW Qualification (3)  2,2
Welder certification is required by an increasing number of area employers. The purpose of the Shielded Metal Arc Welding (SMAW) class is to help the student attain arc welder certification. Students must pass two guided bend tests to receive certification. This certification will meet the requirements of AWS D1.1 Structural Welding Code (limited thickness) and the needs of many area manufacturers. However, some employers may require additional or re-certification. Repeatable to nine credits. (1.2) Proficiency Credit Available Pass/No Credit Available.

In-District Tuition/Fees: $486 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Prerequisite: (1) Grade of C or better in WEL 208 or concurrent enrollment in WEL 208; (2) or consent of instructor.
Semester(s) Offered: Fall and Spring

WEL 220 GMAW Qualification (3)  2,2
Welder certification is required by an increasing number of area employers. The purpose of the Gas Metal Arc Welding (GMAW) class is to help the student attain MIG welder certification. Students must pass two guided bend tests to receive certification. This certification will meet the requirements of AWS D1.1 Structural Welding Code (limited thickness) and the needs of many area manufacturers. However, some employers may require additional or re-certification. Repeatable to nine credits. (1.2) Proficiency Credit Available Pass/No Credit Available.

In-District Tuition/Fees: $486 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: (1) Grade of C or better in WEL 208 or concurrent enrollment in WEL 208; (2) or consent of instructor
Semester(s) Offered: Fall and Spring

WEL 221 Adv. Blueprint Reading for Welders (2)  1,2
This course is designed to aid the student in becoming proficient in reading more complex welding blueprints. Emphasis will be on developing the ability to transfer the two-dimensional print to the actual three-dimensional object. The student will gain experience in related mathematical calculations. Students will learn spreadsheet manipulation by working up a job quote. (1.2) Proficiency Credit Available (3 LETSI) Pass/No Credit Not Available.

In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Prerequisite:Grade of C or better in WEL 120.
Semester(s) Offered: Varies

WEL 234 Special Topics in Welding (1-3)  .5,1
(5,1,1-4) Designed to satisfy specific needs or interests of students and the community. The following guidelines are to be used in selecting topics: 1) adequate and available material on specific topic; 2) comprehensive outlines for each topic; and, 3) course should be designed to increase skill and knowledge in field of welding. Course is repeatable to 12 credits. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $436 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Consent of instructor
Semester(s) Offered: Varies

WEL 240 Independent Study in Welding (1-3)  1,2
The student is to identify a special project and request advice and direction from welding faculty. The course will be carried out under the direction of one or more faculty members who will modify the proposal in accordance with the departmental requirements and equipment limitations for credit involved. Special Note: Due to equipment and lab limitations instructor may deny project or welding process. (1.2) Proficiency Credit Not Available Pass/No Credit No.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Grade C or better in WEL 102.
Semester(s) Offered: Fall, Spring and Summer
Associate of Applied Science Degrees
General Education Requirements

The college recommends that all students create an educational plan with an advisor in the ECC Advising Center prior to registering. Students with previous academic, career, and life experiences are encouraged to investigate the proficiency credit options to substitute their acquired knowledge for prerequisite, course and/or degree requirements.

The college recommends using the Academic Planning, Registration, and Payment Tool on accessECC to track your progress toward completion.

These degrees are not intended for transfer. For information about courses in the curricula that will transfer or about a transfer-oriented program, see an ECC advisor.

Curriculum Requirements

The student must satisfactorily complete all courses specified in the curriculum of their choice. For details, see all AAS degrees and course descriptions on the pages that follow in this catalog.

General Education Requirements

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<tr>
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<td>ENG 101</td>
<td>English Composition I</td>
<td>6-9</td>
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<td>ENG 102</td>
<td>English Composition II</td>
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<td>BUS 101</td>
<td>Business Communications</td>
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<td>BUS 142</td>
<td>Report Writing</td>
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<td>Psychology-PSY</td>
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<td>Geography-GEO</td>
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<td>History-HIS</td>
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<td>International Studies-INS, excluding non-traditional languages</td>
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<td>Political Science-POS</td>
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<td>Applied Physical Science-APS/SCI</td>
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<td>Geography-GEO</td>
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<td>Geology-GLY</td>
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<tr>
<td><strong>Total Credit Hours</strong></td>
<td>6-9</td>
<td></td>
</tr>
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</table>

1. Some curricula require CMS 101 Fundamentals of Speech in addition to the 6 hours of written communications.
2. Except GEO 115 Intro to Physical Geography
3. Please note: Although it does not have a MTH or science prefix, BUS 120 Business Mathematics fulfills this requirement.
4. GEO 115 Intro to Physical Geography only

College Requirements

1. A total of 60 hours or more must be completed in courses numbered 100 and above as specified in the curriculum. This total cannot include any courses with ABE, ASE, AMT, ARW, ECO, or ESL prefixes.
2. A minimum cumulative grade point average of 2.0 for all courses that are applied to the degree.
3. Meet the college's Academic Residency Requirement for Associate of Applied Science degrees: A minimum of 15 semester hours of coursework that are degree requirements, six of which must also be discipline-specific, in courses numbered 100 and above and must have been achieved at ECC, excluding AP, CLEP, and proficiency credits.
4. Students may apply up to six hours of Independent Study credit toward any associate degree.
Vocational Specialist Certificates

General Education Requirements

Vocational Specialist Certificates General Education Requirements

The college recommends that all students create an educational plan with an academic advisor in the ECC Advising Center prior to registering. Students with previous academic, career, and life experiences are encouraged to investigate the proficiency credit options to substitute their acquired knowledge for prerequisite, course, and/or degree requirements.

The college recommends using the Academic Planning, Registration, and Payment Tool on accessECC to track your own progress.

These certificates are not intended for transfer. For information about courses in the curricula that will transfer see an ECC advisor.

Curriculum Requirements

The student must satisfactorily complete all courses specified in the curriculum of their choice. For details about these curricula, see the Career & Technical Education Curricula and Course Description sections of this catalog.

1. For curricula with 30-59 total semester hours of credit, the Vocational Specialist certificate is awarded. For details, see the certificates and course descriptions on the pages that follow in this catalog.
   In most cases, the courses required for a Vocational Specialist certificate may be applied toward an Associate of Applied Science degree in the same field should the student wish to continue study. See an ECC advisor for details.

2. For curricula with fewer than 30 total semester hours of credit, the Basic Vocational Specialist certificate is awarded. For details, see the certificates and course descriptions on the pages that follow in this catalog.
   In most cases, courses required for a Basic Vocational Specialist certificate may be applied to the Vocational Specialist certificate and/or the Associate of Applied Science degree in the same field if the student wishes to continue study. See an ECC advisor for details.

Communications Requirement

Unless a particular course is specified, students must choose communications courses from the list below if they are required in the curriculum. See the Curriculum and Course Description sections of this catalog for details about courses.

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<tr>
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<tr>
<td>ENG 102</td>
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<tr>
<td>BUS 101</td>
<td>Business Communications</td>
<td>3</td>
</tr>
<tr>
<td>BUS 142</td>
<td>Report Writing</td>
<td>3</td>
</tr>
</tbody>
</table>

College Requirements

1. A minimum cumulative grade point average of 2.0 for all courses that are applied to the certificate.

2. Meet the college's Academic Residency Requirement for certificates:
   a. One fourth of the curriculum requirements but no less than eight semester hours of credit must have been achieved at ECC. AR CLEP, and proficiency credits earned at other institutions do not count toward academic residency.
   b. Articulated credit earned through the Tech Prep Articulated Credit Program can be included in the calculation of the academic residency requirement. Tech Prep students who earn articulated credit can only earn ECC certificates after matriculating to ECC.
   c. If the certificate requires less than eight semester hours, all courses must be completed at ECC or through ECC’s Tech Prep Articulated Credit Program.

Adult Basic Education Center

The Adult Basic Education Center offers pre-college-level courses designed for:

1. adults with less than a 12th grade reading and/or math level who want to improve their basic skills in reading, math, writing, or computers,
2. adults who are English language learners (ESL) who want to improve their basic language skills, and/or
3. adults who do not have their high school diploma or its equivalent and would like to complete their high school equivalency.

To be eligible to enroll in classes, you must be at least 16 years of age. You cannot also be enrolled in high school. Individuals less than 18 years old will be required to provide documentation showing that they are not enrolled or required to be enrolled in high school under state law.

All classes are offered free of charge to eligible students. Registration takes place in Building K. Students must take placement testing and attend an orientation to register in classes. Classes are offered at the college and other area locations. These courses are not applicable toward any associate degree or vocational certificate.

Upon successful completion of one adult basic or secondary education (ABE, ASE, AMT, or ARW) class and submission of your High School Equivalency transcript from the Regional Office of Education (ROE) to the Adult Basic Education Center, in-district tuition for one three-credit-hour college class will be waived. Individuals must live or work in district to be eligible for the waiver.

Stevens Amendment FY20: Approximately 636,330 (35%) of the Illinois Adult Education and Literacy Program cost at ECC is federally funded under Title II, Adult Education and Family Literacy of the Workforce Innovation and Opportunity Act of 2014.

ABE-Adult Basic Education

These classes are pre-college-level courses designed for adults with less than a 9th-grade reading and/or math level who want to improve basic skills in reading, math, writing, or computers. The purpose of these classes is to assist adults to obtain the skills necessary for employment and self-sufficiency, to assist parents obtain the educational skills necessary to become full partners in the educational development of their children, and/or to assist students in attaining a high school equivalency certificate (HSE/GED®).

To be eligible to enroll in classes, you must be at least 16 years of age. You cannot also be enrolled in high school. Individuals less than 18 years old will be required to provide documentation showing that they are not enrolled or required to be enrolled in high school under state law.
All classes are offered free of charge to eligible students. Registration takes place in Building K. Students must take placement testing and attend an orientation to register in classes. Classes are offered at the college and other area locations. These courses are not applicable toward any associate degree or vocational certificate.

**AMT 010 Beginning Math Literacy I (5-6) 5.0**
(.5-6, 0) A basic math course with the emphasis on developing number concepts and the addition and subtraction of whole numbers and decimals. The content also includes place value, time concepts, shape identification, and linear measurement. (1.7) Proficiency Credit Not Available Pass/No Credit Available.

**In-District Tuition/Fees:** $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

**Prerequisite:** Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.

**Semester(s) Offered:** Fall, Spring and Summer

**AMT 020 Beginning Math Basic Education II (5-6) 5.0**
(.5-6, 0) A basic math course focusing on the four operations of whole numbers and decimals as well as the critical thinking skills to solve these problems. The content also includes an understanding of fractions and geometry in relation to perimeter and area. (1.7) Proficiency Credit Not Available Pass/No Credit Available.

**In-District Tuition/Fees:** $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

**Prerequisite:** Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.

**Semester(s) Offered:** Fall, Spring and Summer

**AMT 030 Low Intermediate Math Basic Educ III (5-6) 5.0**
(.5-6, 0) A basic math course with the emphasis on fractions, measurement, graphs. The course content includes an understanding of the coordinate plane, angles and lines as well as area and perimeter of various geometrical shapes. (1.7) Proficiency Credit Not Available Pass/No Credit Available.

**In-District Tuition/Fees:** $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

**Prerequisite:** Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.

**Semester(s) Offered:** Fall, Spring and Summer

**AMT 040 High Intermediate Math Basic Educ IV A (5-6) 5.0**
(.5-6, 0) A basic math course emphasizing the concepts of ratios and proportions, percent and solving equations. The course content also includes defining and evaluating functions. (1.7) Proficiency Credit Not Available Pass/No Credit Available.

**In-District Tuition/Fees:** $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

**Prerequisite:** Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.

**Semester(s) Offered:** Fall, Spring and Summer

**AMT 045 High Intermediate Math Basic Educ IV B (5-6) 5.0**
(.5-6, 0) A basic math course emphasizing geometry including surface area, volume, and Pythagorean Theorem. The course content also includes data analysis and probability. (1.7) Proficiency Credit Not Available Pass/No Credit Available.

**In-District Tuition/Fees:** $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

**Prerequisite:** Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.

**Semester(s) Offered:** Varies

**ARW 010 Beginning Reading/Writing Literacy I (5-6) 5.0**
(.5-6, 0) A basic course in reading for the fundamentals of alphabetics, fluency, vocabulary acquisition and comprehension in literature and informational texts. Knowledge gained from reading will be integrated to actual practice in simplistic writing of Standard English grammar. (1.7) Proficiency Credit Not Available Pass/No Credit Available.

**In-District Tuition/Fees:** $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

**Prerequisite:** Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.

**Semester(s) Offered:** Fall, Spring and Summer

**ARW 020 Beginning Reading/Writing Basic Educ II (5-6) 5.0**
(.5-6, 0) A basic course in reading for the fundamentals of alphabetics, fluency, vocabulary acquisition and comprehension in literature and informational texts. Knowledge gained from reading will be integrated to actual practice in simplistic writing of Standard English grammar. (1.7) Proficiency Credit Not Available Pass/No Credit Available.

**In-District Tuition/Fees:** $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

**Prerequisite:** Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.

**Semester(s) Offered:** Fall, Spring and Summer

**ARW 030 Low Inter Reading/Writing Basic Educ III (5-6) 5.0**
(.5-6, 0) A basic course in reading for the fundamentals of alphabetics, fluency, vocabulary acquisition and comprehension in literature and informational texts. Knowledge gained from reading will be integrated to actual practice in simplistic writing of Standard English grammar. (1.7) Proficiency Credit Not Available Pass/No Credit Available.

**In-District Tuition/Fees:** $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

**Prerequisite:** Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.

**Semester(s) Offered:** Fall, Spring and Summer

**ARW 040 Low Inter Reading/Writing Basic Educ IV A (5-6) 5.0**
(.5-6, 0) A basic course in reading for the fundamentals of fluency, vocabulary acquisition and comprehension in literature and informational texts. The focus of reading will explore a range of texts and tasks. Knowledge gained from reading will be integrated in paragraph writing that encompasses a range of task, purpose and audience. (1.7) Proficiency Credit Not Available Pass/No Credit Available.

**In-District Tuition/Fees:** $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

**Prerequisite:** Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.

**Semester(s) Offered:** Fall, Spring and Summer

**ARW 045 Low Inter Reading/Writing Basic Educ IV B (5-6) 5.0**
(.5-6, 0) A basic course in reading for the fundamentals of alphabetics, fluency, vocabulary acquisition and comprehension in literature and informational texts. Knowledge gained from reading will be integrated to actual practice in simplistic writing of Standard English grammar. (1.7) Proficiency Credit Not Available Pass/No Credit Available.

**In-District Tuition/Fees:** $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

**Prerequisite:** Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.

**Semester(s) Offered:** Fall, Spring and Summer
ARW 040 High Inter Reading/Writing Basic Educ IV (.5-6)  .5,0
(.5-6, 0) A basic course in reading for the fundamentals of fluency, vocabulary acquisition and comprehension in literature, and informational texts-History/Social Studies, Science/Technical Subjects, Functional/Workplace Skills. The focus of reading will explore a range of texts and tasks. Knowledge gained from reading will be integrated in paragraph writing that encompasses a range of task, purpose and audience. Writing will emphasize on discipline-specific tasks requiring the mastery of complex sentence structures utilizing the eight basic parts of speech. (1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)(https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Fall, Spring and Summer

ABE 050 Intro to Healthcare Profession (.5-6)  .5,0
This course will prepare adult education students to begin training for targeted healthcare career programs. Students will learn the responsibilities of different healthcare professions and the specific academic requirements to enter those fields. This includes how to prepare for the PSB-HOA (Healthcare Occupational Aptitude Test), which is a requirement for entry to many healthcare programs. The course will emphasize time management, study skills, and test-taking strategies along with the teamwork and communication skills required in the healthcare workplace. The course will develop reading and writing skills using context that is contextualized for the healthcare professions. The course will provide opportunities to practice the digital literacy skills necessary for academic coursework.(1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)(https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test and departmental consent.
Semester(s) Offered: Varies

ABE 054 Intro to Industrial Arts Careers (.5-6)  .5,0
(.5-6, 0) Students will explore the requirements, expectations, and outlooks for different careers in industrial arts. Students will work on modules in academic success, career awareness, and career development while developing the basic academic and soft skills necessary for success in a manufacturing program of study. Self-assessment and review of skills will assist students with planning a path toward long and short-term goals. Course is repeatable three times to 24 credits. (1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)(https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Co-enrollment in an approved adult education course and departmental consent.
Semester(s) Offered: Varies

ABE 055 Intro to Industrial Arts Careers (.5-6)  .5,0
(.5-6, 0) Students will explore the requirements, expectations, and outlook for different careers in industrial arts. Students will work on modules in academic success, career awareness, and career development while developing the basic academic and soft skills necessary for success in a manufacturing program of study. Self-assessment and review of skills will assist students with planning a path toward their short term and long term goals. Course is repeatable three times to 24 credits. (1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)(https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Co-enrollment in an approved adult education course and departmental consent.
Semester(s) Offered: Varies

ABE 060 Contextualized Beginning ABE (.5-6)  .5,0
(.5-6, 0) Students will gain the academic skills, occupational knowledge, and communication skills necessary for successful transition to study in their chosen career field. Instruction will include study skills and career self-assessment. (1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)(https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test and departmental consent.
Semester(s) Offered: Varies

ABE 061 Contextualized Intermediate ABE (.5-6)  .5,0
(.5-6, 0) Students will gain the academic skills, occupational knowledge, and communication skills necessary for successful transition to study in their chosen career field. Instruction will include study skills and career self-assessment. Repeatable to 24 credits. (1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)(https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test and departmental consent.
Semester(s) Offered: Varies

ABE 070 Thriving in the Workplace (.5-6)  .5,0
(.5-6, 0) Students will gain the necessary attitudes, behaviors, and skills required by employers to be successful in the workplace. Course is repeatable three times. (1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)(https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test and departmental consent.
Semester(s) Offered: Varies
ABE 071 Thriving in the Workplace (.5-6) 5.0
(.5-6, 0) Students will gain the necessary attitudes, behaviors, and skills required by employers to be successful in the workplace. Course is repeatable three times. (1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Appropriate adult education placement test and departmental consent.
Semester(s) Offered: Varies

ABE 083 Basic Computer Skills (1.5-3) 15.0
(1.5 or 3, 0) This course is designed to introduce the ABE student to basic computer skills using individualized and group methods of instruction. Course is repeatable four times up to 12 credits. (1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Fall, Spring and Summer

ABE 008 Ad Basic Ed 1 Eng Lang Learner (.5-6) 5.0
(.5-6, 0) This course is intended to prepare beginning English Language Learners for success within the community. Students will learn to express themselves in everyday situations using high-frequency words and phrases. English literacy skills will be introduced in this course, building common vocabulary throughout. Course is repeatable three times. (1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: A student must take an approved adult education test and score between 0-3.9 GLE on the TABE test, be a non-native speaker of English who needs to work on basic skills, and receive departmental consent.

ABE 018 Ad Basic Ed 11 Eng Lang Learner (.5-6) 5.0
(.5-6, 0) This course is intended to prepare intermediate English Language Learners for academic success in college and career. Students will learn to express themselves using formal and informal speech, and to critically listen to a variety of oral language. Literacy skills, including the process of writing a paragraph, will be included in this course; building academic vocabulary throughout. Course is repeatable three times. (1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: A student must take an approved adult education test and score between 0-3.9 GLE on the TABE test, be a non-native speaker of English who needs to work on basic skills, and receive departmental consent.
Semester(s) Offered: Fall, Spring and Summer

ABE 019 Ad Basic Ed 12 Eng Lang Learner (.5-6) 5.0
(.5-6, 0) This course is for English Language Learners (ELLs) testing between 4.0-8.9 GLE on the TABE test who have a foundation in English grammar and vocabulary and can show proficiency in expressing everyday needs. At this level, students will begin to develop the essential skills and general knowledge needed to become career and college ready. Students will learn to complete authentic forms, write short notes, and compose short paragraphs; develop critical reading skills as they read short written works at the Low Intermediate level; improve their speaking and listening skills in different contexts; use technology to access and develop different types of texts; and incorporate basic math skills in contextualized settings. Course is repeatable three times. (1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: A student must be a non-native speaker of English who needs to improve English language skills either for career or academic purposes. A placement test and departmental consent are required. Students on certain types of visas may not qualify for the program.
Semester(s) Offered: Fall, Spring and Summer

ABE 022 Ad Basic Ed 14 Eng Lang Learner (.5-6) 5.0
(.5-6, 0) This course is intended to prepare intermediate English Language Learners for academic success in college and career. Students will learn to express themselves using formal and informal speech, and to critically listen to a variety of oral language. Literacy skills, including the process of writing a paragraph, will be included in this course; building academic vocabulary throughout. Course is repeatable three times. (1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Fall, Spring and Summer
ABE 025 Ad Basic Ed 16 Eng Lang Learner (.5-6)  .5,0
(5,6, 0) This course is for English Language Learners (ELLs) testing between 4.0-8.9 GLE on the TABE test who have intermediary career and college readiness skills but who need to refine and expand upon these skills in order to become successful in academic or workplace settings. Students will learn how to complete complex applications, write work-related letters and formal emails, and compose well-formulated detailed paragraphs; further develop critical reading skills as they read more complex High Intermediate texts; improve oral communication skills including close listening and the ability to elaborate on a topic; use technology to access, develop, analyze, and evaluate different types of texts; and apply multistep math skills in contextualized settings. (1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: A student must be a non-native speaker of English who needs to improve English language skills either for career or academic purposes. A placement test and departmental consent are required.
Semester(s) Offered: Fall, Spring and Summer

ABE 028 Ad Basic Ed 21 Eng Lang Learner (.5-6)  .5,0
(5,6, 0) This course is intended to prepare advanced English Language Learners for academic success in college. Students will learn to express themselves using formal and informal speech, and to critically listen to a variety of oral language. Literacy skills including the process of research writing will be included in this course; building academic vocabulary throughout. Course is repeatable three times. (1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: A student must take an approved adult education test and score between 0-3.9 GLE on the TABE test, be a non-native speaker of English who needs to work on basic skills, and receive departmental consent.
Semester(s) Offered: Fall, Spring and Summer

ABE 029 Ad Basic Ed 22 Eng Lang Learner (.5-6)  .5,0
(5,6, 0) This course is for English Language Learners (ELLs) testing between a 4.0-8.9 GLE on the TABE who do not have English as their first language but want to pursue academic college courses. At this level, students will work to achieve writing proficiency while expanding vocabulary and building grammar skills as they write short, logical essays, memos and emails. They will develop critical reading skills through independent reading, guided practice, and class discussion as they read a wide variety of high intermediate materials. Students will strengthen their speaking and listening skills through extensive practice in a variety of contexts, collaborative learning activities, and classroom discussions. Course is repeatable three times. (1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Student must be a non-native speaker of English who needs to improve English language skills for career or academic purposes. A placement test and departmental consent are required. Students on certain types of visas may not qualify for the program.
Semester(s) Offered: Fall, Spring and Summer

ABE 032 Ad Basic Ed 24 Eng Lang Learner (.5-6)  .5,0
(5,6, 0) This course is for English Language Learners (ELLs) testing between a 4.0-8.9 GLE on the TABE who do not have English as their first language but want to pursue academic college courses. At this level, students will work to achieve writing proficiency while expanding vocabulary and building grammar skills as they write logical multi-paragraph essays using comparison/contrast. They will demonstrate mastery in formal letters. They will continue to develop critical reading skills through independent reading, guided practice, and class discussion as they read a variety of high intermediate materials. They will learn to access and utilize information from a variety of resources and reference materials including charts and graphs. Students will strengthen their speaking and listening skills through extensive practice in a variety of conversation contexts, collaborative learning activities, and classroom discussions. Students will also present short informal speeches. (1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Student must be a non-native speaker of English who needs to improve English language skills either for career or academic purposes. A placement test and departmental consent are required. Students on certain types of visas may not qualify for the program.
Semester(s) Offered: Fall, Spring and Summer

ASE-Adult Secondary Education

These classes are pre-college-level courses designed for adults with a reading and/or math level between 9th-12th grades. ASE classes are designed to assist adults in obtaining the skills necessary for employment and self-sufficiency and to prepare students to pass one of three nationally accepted High School Equivalency tests (GED®, HiSET®, or TASC ®).

To be eligible to enroll in ASE classes, you must be at least 16 years of age. You cannot also be enrolled in high school. Individuals less than 18...
years old will be required to provide documentation showing that they are not enrolled or required to be enrolled in high school under state law.

All classes are offered free of charge to eligible students. Some courses are offered in Spanish (see course descriptions). Registration takes place in Building K. Students must take placement testing and attend an orientation to register in classes. Classes are offered at the college and other area locations. These courses are not applicable toward any associate degree or vocational certificate.

**AMT 050 Low ASE Math V A (5-6) .5,0**
(.5-6, 0) A math course emphasizing algebraic expressions, equations, polynomials, inequalities and functions. (1.8) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Fall, Spring and Summer

**AMT 051 Low ASE Math V A in Spanish (5-6) .5,0**
(.5-6, 0) A math course emphasizing algebraic expressions, equations, polynomials, inequalities and functions. Course will be taught in Spanish. (1.8) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Fall, Spring and Summer

**AMT 055 Low ASE Math V B (5-6) .5,0**
(.5-6, 0) A math course emphasizing geometry to include properties of angles, slopes, circles and volume. This course also includes the basics of statistics and probability. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Varies

**AMT 056 Low ASE Math V B in Spanish (5-6) .5,0**
(.5-6, 0) A math course emphasizing geometry to include properties of angles, slopes, circles and volume. This course also includes the basics of statistics and probability. Course will be taught in Spanish. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Varies

**AMT 060 High ASE Math VI (5-6) .5,0**
(.5-6, 0) A math course designed to cover a combination of intermediate algebra and geometry. The content will also include basic trigonometry as well as rules for probability. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.

**AMT 061 High ASE Math VI in Spanish (5-6) .5,0**
(.5-6, 0) A math course designed to cover a combination of intermediate algebra and geometry. The content will also include basic trigonometry as well as rules for probability. Course will be taught in Spanish. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.

**ARW 050 Low ASE Reading/Writ Content Area V (5-6) .5,0**
(.5-6, 0) A course in reading development for content-specific vocabulary acquisition, comprehension in literature, and source texts. Knowledge gained from reading will be integrated in passage writing that encompasses a range of tasks, purpose and audience. The emphasis on writing will include discipline-specific tasks requiring the mastery of complex sentence structures utilizing the eight basic parts of speech. Students will learn to extract content-based evidence by analyzing arguments and organizing and gathering evidence found in source text. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.

**ARW 051 Low ASE Reading/Writ in Spanish (5-6) .5,0**
(.5-6, 0) A course in reading development for content-specific vocabulary acquisition, comprehension in literature, and source texts-History/Social Studies, Science/Technical Subjects, Functional/Workplace Skills. Knowledge gained from reading will be integrated in passage writing that encompasses a range of tasks, purpose and audience. The emphasis on writing will include discipline-specific tasks requiring the mastery of complex sentence structures utilizing the eight basic parts of speech. Students will learn to extract content-based evidence by analyzing arguments and organizing and gathering evidence found in source text. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
ARW 051 Low ASE Read/Writ Content Area V Span (.5-6) .5,0
(.5-6, 0) A course in reading development for content-specific vocabulary acquisition, comprehension in literature, and source texts-History/Social Studies, Science/Technical Subjects, Functional/Workplace Skills.
Knowledge gained from reading will be integrated in passage writing that encompasses a range of tasks, purpose and audience. The emphasis on writing will include discipline-specific tasks requiring the mastery of complex sentence structures utilizing the eight basic parts of speech. Students will learn to extract content-based evidence by analyzing arguments and organizing and gathering evidence found in source text. Course will be taught in Spanish. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Fall, Spring and Summer

ARW 060 HI ASE Reading/Writ Content Area VI (.5-6) .5,0
(.5-6, 0) A course in reading development for content-specific vocabulary acquisition, comprehension in literature, and source texts-History/Social Studies, Science/Technical Subjects, Functional/Workplace Skills.
Knowledge gained from reading will be integrated in passage writing that encompasses a range of tasks, purpose and audience. Students will refine literacy skills to extract content-based evidence by analyzing, organizing and gathering evidence found in source text. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Fall, Spring and Summer

ARW 061 HI ASE Read/Writ Content Area VI Span (.5-6) .5,0
(.5-6, 0) A course in reading development for content-specific vocabulary acquisition, comprehension in literature, and source texts-History/Social Studies, Science/Technical Subjects, Functional/Workplace Skills.
Knowledge gained from reading will be integrated in passage writing that encompasses a range of tasks, purpose and audience. Students will refine literacy skills to extract content-based evidence by analyzing, organizing and gathering evidence found in source text. Course will be taught in Spanish. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Fall, Spring and Summer

ASE 050 Introduction to Healthcare Professions (.5-6) .5,0
(.5-6, 0) This course will prepare adult education students to begin training for targeted healthcare career programs. Students will learn the responsibilities of different healthcare professions and the specific academic requirements to enter those fields. This includes how to prepare for the PSB-HOA (Healthcare Occupational Aptitude Test), which is a requirement for entry to many healthcare programs. The course will emphasize time management, study skills, and test taking strategies along with the teamwork and communication skills required in the healthcare workplace. The course will develop reading and writing skills using content that is contextualized for the healthcare professions. The course will provide opportunities to practice the digital literacy skills necessary for academic coursework. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test and departmental consent are required.
Semester(s) Offered: Varies

ASE 052 Introduction to Early Childhood Educ Pro (.5-6) .5,0
(.5-6, 0) Students will gain knowledge of the career pathways and educational/vocational requirements in the field of Early Childhood Education. Through contextualized instruction, students will expand their oral and written skills, be introduced to legal and cultural issues in the field, and reflect on themselves as potential Early Childhood Education professionals. (1.9) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Co-enrollment in an approved adult education course and departmental consent.
Semester(s) Offered: Varies

ASE 056 Intro to Industrial Arts Careers (.5-6) .5,0
(.5-6, 0) This course is designed for students who are interested in manufacturing careers and are concurrently working to improve basic skills through enrollment in the adult secondary education program. Students will have a reading or math level between a 9.0 and 12.9 G.L.E. and will be lacking a high school diploma. A small number of ESL students may be served who have transitioned into the ABE program, have the equivalency of a high school diploma, but have limited English language skills. Students will explore the requirements, expectations, and outlook for different careers in industrial arts. Students will work on modules in academic success, career awareness, and career development while developing the basic academic and soft skills necessary for success in a manufacturing program of study. Self-assessment and review of skills will assist students with planning a path toward their short term and long term goals. Course is repeatable three times to 24 credits. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Co-enrollment in an approved adult education course and departmental consent.
Semester(s) Offered: Varies
ASE 062 Contextualized ASE (.5-6) .5,0
(.5-6, 0) Students will gain the academic skills, occupational knowledge, and communication skills necessary for successful transition to study in their chosen career field. Instruction will include study skills and career self-assessment. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)(https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Appropriate adult education placement test and departmental consent.
Semester(s) Offered: Varies

ASE 072 Thriving in the Workplace (.5-6) .5,0
(.5-6, 0) Students will gain the necessary attitudes, behaviors, and skills required by employers to be successful in the workplace. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)(https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Appropriate adult education placement test and departmental consent.
Semester(s) Offered: Varies

ASE 097 GED Review in Spanish (.5-6) .5,0
The General Educational Development (GED) Review in Spanish prepares Spanish-speaking adults to pass the state high school equivalency exams: Language Arts: Reading, Language Arts: Writing, Social Studies, Science and Math. Government age specifications must be met for GED testing. The course is repeatable up to 24 credits. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)(https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Appropriate adult education placement test score. No U.S high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Varies

ASE 099 GED Review (.5-6) .5,0
The General Educational Development (GED) Review class prepares adults to pass the state high school diploma equivalency exams: Language Arts: Reading; Language Arts: Writing; Social Studies; Science; and Math. Government age specifications must be met for GED testing. Course is repeatable to 24 credits. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)(https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Appropriate adult education placement test score. No U.S high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Fall, Spring and Summer

ASE 010 Ad Sec Ed 1 English Lang Learner (.5-6) .5,0
(.5-6, 0) This is a language preparation course for success in the community. Students will refine their oral skills while increasing their vocabulary throughout the course. They will learn to communicate in common community situations and use various forms of writing. Course is repeatable three times. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)(https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: A student must take an approved adult education test and score between 9.0-12.9 GLE on the TABE test, be a non-native speaker of English who needs to work on basic skills, and receive departmental consent.
Semester(s) Offered: Fall, Spring and Summer

ASE 020 Ad Sec Ed 11 English Lang Learner (.5-6) .5,0
(.5-6, 0) This course is for English Language Learners (ELLs) testing between 9.0-12.9 GLE on the TABE test who have a foundation in English grammar and vocabulary and can show proficiency in expressing everyday needs. At this level, students will begin to develop the essential skills and general knowledge needed to become career and college ready. Students will learn to complete authentic forms, write short notes, and compose short paragraphs; develop critical reading skills as they read short written works; improve their speaking and listening skills in different contexts; use technology to access and develop different types of texts; and incorporate basic math skills in contextualized settings. Course is repeatable three times. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)(https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Student must be a non-native speaker of English who needs to improve English language skills either for career or academic purposes. A placement test and departmental consent are required. Students on certain types of visas may not qualify for the program.
Semester(s) Offered: Fall, Spring and Summer

ASE 023 AD Sec Ed 12 English Lang Learner (.5-6) .5,0
(.5-6, 0) This course is for English Language Learners (ELLs) testing between 9.0-12.9 GLE on the TABE test who have basic career and college readiness skills but who need to improve these skills in order to become successful in academic or workplace settings. Students will learn how to complete complex forms, write work-related letters and emails, and compose longer, more detailed paragraphs; further develop critical reading skills as they read complex High Intermediate texts; improve oral communication skills including close listening and the ability to use examples and details to clarify meaning; use technology to access, develop, and analyze different types of texts; and incorporate essential math skills in contextualized settings. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)(https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Student must be a non-native speaker of English who needs to improve English language skills either for career or academic purposes. A placement test and departmental consent are required. Students on certain types of visas may not qualify for the program.
Semester(s) Offered: Fall, Spring and Summer
ASE 026 Ad Sec Ed 13 English Lang Learner (5-6) .5,0
(5-6, 0) This course is for English Language Learners (ELLs) testing between 9.0-12.9 GLE on the TABE test who have intermediary career and college readiness skills but who need to refine and expand upon these skills in order to become successful in academic or workplace settings. Students will learn how to complete complex applications, write work-related letters and formal emails, and compose well-formulated detailed paragraphs; further develop critical reading skills as they read more complex High Intermediate texts; improve oral communication skills including close listening and the ability to elaborate on a topic; use technology to access, develop, analyze, and evaluate different types of texts; and apply multistep math skills in contextualized settings. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). Prerequisite: Student must be a non-native speaker of English who needs to improve English language skills either for career or academic purposes. A placement test and departmental consent are required. Students on certain types of visas may not qualify for the program.
Semester(s) Offered: Fall, Spring and Summer

ASE 030 Ad Sec Ed 21 English Lang Learner (.5-6) .5,0
(5-6, 0) This course is for English Language Learners (ELLs) testing between a 9-12.9 GLE on the TABE who do not have English as their first language but want to pursue academic courses. At this level, students will work to achieve writing proficiency while expanding vocabulary and building grammar skills as they write logical multi-paragraph essays using comparison/contrast. They will demonstrate mastery in formal letters. They will continue to develop critical reading skills through independent reading, guided practice, and class discussion as they read a variety of advanced materials. They will learn to access and utilize information from a variety of resources and reference materials including charts and graphs. Students will strengthen their speaking and listening skills through extensive practice in a variety of conversation contexts, collaborative learning activities, and classroom discussions. Students will also present short informal speeches. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). Prerequisite: Student must be a non-native speaker of English who needs to improve English language skills either for career or academic purposes. A placement test and departmental consent are required. Students on certain types of visas may not qualify for the program.
Semester(s) Offered: Fall, Spring and Summer

ASE 033 Ad Sec Ed 22 English Lang Learner (.5-6) .5,0
(5-6, 0) This course is for English Language Learners (ELLs) testing between a 9-12.9 GLE on the TABE who do not have English as their first language but want to pursue academic college courses. At this level, students will work to achieve writing proficiency while expanding vocabulary and building grammar skills as they write logical multi-paragraph essays using comparison/contrast. They will demonstrate mastery in formal letters. They will continue to develop critical reading skills through independent reading, guided practice, and class discussion as they read a variety of advanced materials. They will learn to access and utilize information from a variety of resources and reference materials including charts and graphs. Students will strengthen their speaking and listening skills through extensive practice in a variety of conversation contexts, collaborative learning activities, and classroom discussions. Students will also present short informal speeches. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). Prerequisite: Student must be a non-native speaker of English who needs to improve English language skills either for career or academic purposes. A placement test and departmental consent are required. Students on certain types of visas may not qualify for the program.
Semester(s) Offered: Fall, Spring and Summer

ESL-English as a Second Language

Part Time Program

English as a second language (ESL) instruction at ECC is for all non-native English speakers from any language, group, or nationality. Instruction includes reading, writing, listening, and speaking and is conducted entirely in English. Classroom instruction and college support services provide immigrant students the opportunity to progress toward self-sufficiency and economic success. Courses are offered Monday-Thursday mornings and evenings on campus. Courses are offered at other area locations Monday-Thursday primarily in the evenings. All classes are offered free of charge to eligible immigrant students.
class placement and registration, students must come to Building K. Students will attend a pre-course workshop to prepare themselves for language learning success before they enroll in ESL classes. Students on visas need to contact the office to determine eligibility for the program as students with certain types of visas are not permitted to enroll in the free adult education program.

**Beginning ESL Instruction**

The purpose of these courses is to help English language learners to improve their reading, writing, speaking, and comprehension skills in English; improve their mathematics and basic technology skills; and acquire an understanding of the American system of government, individual freedom, and the responsibilities of citizenship so that these learners can be full participants in their community. Upon completion of the high beginning level, students may choose to exit the program or to transition to intermediate ESL instruction in order to work on career or academic readiness.

**Intermediate ESL Instruction**

The purpose of these classes is to equip students with the skills needed for career and academic readiness. Along with improving basic skills in reading, writing, speaking, listening, and mathematics, students will develop the academic and soft skills necessary to make the successful transition to college or to a career. Upon completion of the high intermediate levels, students may exit the program to pursue a high school equivalency certificate, enter a career/vocational training program, transition to advanced/academic ESL classes, or enter the workforce. An academic advisor is available to help students make the transition.

**Advanced ESL Instruction**

The purpose of these courses is to prepare students to enter college-level classes. Students who want to enroll in advanced ESL classes must first meet with an ESL staff member and take the appropriate placement tests. Students in these levels focus on the academic reading, writing, speaking, and technological skills needed to make the transition to college-level work.

Upon completion of the advanced levels, students are ready to enroll in college degree programs. Students who are interested in transitioning to college level programming are encouraged to take the College Transitions for ESL Learners course. Students interested in this course must receive a recommendation from faculty or staff in order to enroll. Students in this course are required to co-enroll in a transferable credit college class. Upon successful completion of the College Transitions for ESL Learners course, in-district tuition for one three-credit-hour college class will be waived. Individuals must live or work in district to be eligible for the waiver.

**ECO 083 Basic Workplace Computer Skills-ESL (.5-6)**

Basic Workplace Computer Skills-ESL is for individuals who have a foundation in English grammar and vocabulary and demonstrate proficiency in expressing everyday needs. In this class, students will develop vocabulary related to basic computer usage as well as other basic computer skills needed for the workplace. Topics will include computer navigation and tools usage, internet basics, and basic software skills (word processing, spreadsheets, and slideshows). Students will also develop skills related to the workplace such as resume and cover letter basics and using search tools on the internet. (1.9) Proficiency Credit: Not Available Pass/No Credit Available.

**In-District Tuition/Fees:** $0 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval ([https://elgin.edu/pay-for-college/tuition-fees/](https://elgin.edu/pay-for-college/tuition-fees/)).

**Prerequisite:** Must be a non-native speaker of English who needs to work on basic skills. A placement test and departmental consent are required. Students on certain types of visas may not qualify for the program.

**Semester(s) Offered:** Varies

**ESL 010 Beginning ESL Literacy (.5-6)**

Beginning ESL Literacy is for individuals who have little or no knowledge of English but who are literate in their first language. At this level, students will begin to acquire language survival skills in speaking, listening, and writing. Students will also begin to understand and develop the learning skills and study habits necessary for successful language learning. In addition, they will learn to become full participants in routine classroom settings. Course is repeatable to a maximum of 24 credit hours. (1.9) Proficiency Credit Not Available Pass/No Credit Available.

**In-District Tuition/Fees:** $0 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval ([https://elgin.edu/pay-for-college/tuition-fees/](https://elgin.edu/pay-for-college/tuition-fees/)).

**Prerequisite:** Must be a non-native speaker of English who needs to work on basic skills. A placement test and departmental consent are required. Students on certain types of visas may not qualify for the program.

**Semester(s) Offered:** Fall, Spring and Summer
Students on certain types of visas may not qualify for the program.

Must be a non-native speaker of English who needs to work on basic skills. A placement test and departmental consent are required. Students on certain types of visas may not qualify for the program.

Semester(s) Offered: Fall, Spring and Summer

ESL 012 High Beginning ESL A (.5-6) .5,0
(.5-6, 0) High Beginning ESL A is for individuals with some knowledge of English who are literate in their first language. At this level, students will develop skills in speaking, listening, writing, reading, math, and technology as well as the learning skills and study habits necessary for successful language learning. Students will also participate in workforce preparation activities that will enable them to be successful outside of the classroom. Course is repeatable to a maximum of 24 credit hours. (1.9) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Must be a non-native speaker of English who needs to work on basic skills. A placement test and departmental consent are required. Students on certain types of visas may not qualify for the program.

Semester(s) Offered: Fall, Spring and Summer

ESL 013 High Beginning ESL B (.5-6) .5,0
(.5-6, 0) High Beginning ESL B is for individuals with a limited knowledge of English grammar and vocabulary. At this level, students will develop skills in speaking, listening, writing, reading, math, and technology as well as the learning skills and study habits necessary for successful language learning. Students will also participate in workforce preparation activities that will enable them to be successful outside of the classroom. Course is repeatable to a maximum of 24 credit hours. (1.9) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Must be a non-native speaker of English who needs to work on basic skills. A placement test and departmental consent are required. Students on certain types of visas may not qualify for the program.

Semester(s) Offered: Fall, Spring and Summer

ESL 014 Low Intermediate ESL (.5-6) .5,0
(.5-6, 0) Low Intermediate ESL is for individuals who have a foundation in English grammar and vocabulary, and who demonstrate proficiency in expressing everyday needs. At this level, students will develop writing proficiency while increasing vocabulary and grammar skills as they learn to complete authentic forms, write short notes, and compose short paragraphs. Students will also develop critical reading and listening skills with short written works. They will strengthen their oral skills through extensive practice in a variety of contexts. Course is repeatable to a maximum of 24 credit hours. (1.9) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Must be a non-native speaker of English who needs to work on basic skills. A placement test and departmental consent are required. Students on certain types of visas may not qualify for the program.

Semester(s) Offered: Fall, Spring and Summer

ESL 015 High Intermediate ESL A (.5-6) .5,0
(.5-6, 0) High Intermediate ESL A is for individuals who have a foundation in English and who demonstrate proficiency in expressing everyday needs in conversation and written form. At this level, students will demonstrate writing proficiency while expanding vocabulary and building grammar skills as they write formal letters, as well as detailed, logical paragraphs by means of technology. Students will also develop critical reading and listening skills as they read and listen to short written works. They will strengthen their skills through extensive practice in a variety of conversation contexts and classroom discussions. Course is repeatable to 24 credits. (1.9) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Must be a non-native speaker of English who needs to work on basic skills. A placement test and departmental consent are required. Students on certain types of visas may not qualify for the program.

Semester(s) Offered: Fall, Spring and Summer

ESL 016 High Intermediate ESL B (.5-6) .5,0
(.5-6, 0) High Intermediate ESL B is for individuals who have a foundation in English and who demonstrate oral and writing proficiency in expressing everyday needs. Grammar and vocabulary continue to be presented in order to improve a student’s oral skills, telephone skills, and social interactions. Students will continue to develop and apply critical reading skills as they read authentic materials on relevant topics and non-prose information. Students will develop writing mastery by composing high intermediate level paragraphs and producing business documents as they use technology. A student must complete and pass a departmental writing test and must develop an academic/ career plan with the ESL Transitions Coordinator at the end of this course before being allowed entrance to Advanced ESL A. Course is repeatable to a maximum of 24 credit hours. (1.9) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Must be a non-native speaker of English who needs to work on basic skills. A placement test and departmental consent are required. Students on certain types of visas may not qualify for the program.

Semester(s) Offered: Fall, Spring and Summer

ESL 017 Advanced ESL A (.5-6) .5,0
Advanced ESL A is for individuals who are proficient in English but need to prepare for academic programs at the collegiate level. At this level, students will improve their skills in speaking, listening, writing, reading, math, and technology in preparation for entry into a college program. Students will also practice the learning skills and habits necessary for success in academic settings. Course is repeatable to a maximum of 24 credit hours. (1.9) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Must be a non-native speaker of English who needs to work on basic skills. A placement test and departmental consent are required. Students on certain types of visas may not qualify for the program.

Semester(s) Offered: Fall and Spring
ESL 018 Advanced ESL B (.5-6) .5,0
Advanced ESL B is for individuals who are proficient in English but need to prepare for academic programs at the collegiate level. At this level, students will improve their skills in speaking, listening, writing, reading, math, and technology in preparation for entry into a college program. Students will also practice the learning skills and habits necessary for success in academic settings. Course is repeatable to a maximum of 24 credit hours. (1.9) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Must be a non-native speaker of English who needs to work on basic skills. A placement test and departmental consent are required. Students on certain types of visas may not qualify for the program.

Semester(s) Offered: Fall and Spring

ESL 019 College Transitions for ESL Learners (.5-6) .5,0
College Transitions for ESL Learners is for individuals who are proficient in English but need support transitioning to academic programs at the collegiate level. At this level, students will improve their skills in speaking, listening, writing, reading, math, and technology while being co-enrolled in a college class. Students will also practice the learning skills and habits necessary for success in academic settings. Course is repeatable to a maximum of 24 credit hours. (1.9) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Must be a non-native speaker of English who needs to work on basic skills. A placement test and departmental consent are required. Students on certain types of visas may not qualify for the program.

Semester(s) Offered: Fall and Spring

ESL 020 High Beginning ESL Speaking (3-6) 3,0
(3 or 6, 0) This course is for individuals who would like to improve their oral English skills to meet a level of confidence for daily usage. Students will participate actively in classroom activities to improve both listening comprehension and communication skills to express every day needs while learning new vocabulary and phrases. Repeatable to 12 credits. (1.9) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Placement test and demonstration of high beginning literacy skills

Semester(s) Offered: Varies

ESL 021 High Intermediate ESL Speaking (3-6) 3,0
(3 or 6, 0) This course is for individuals who have an advanced level foundation in written English but need more practice in oral classroom communications. Students will gain confidence in speaking and pronunciation through active participation in classroom activities, including informal speeches/reports to class. Repeatable to 12 credits. (1.9) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Placement test and/or mastery of intermediate level grammar is required

Semester(s) Offered: Varies

ESL 022 Advanced ESL Speaking (3-6) 3,0
(3 or 6, 0) This course is for individuals who are strong with written English but want to participate more effectively with speaking skills in work, classroom and social situations. Students will participate in classroom discussions, community research and self-assessment to foster skills of continual improvement in spoken English ability. Repeatable to 12 credits. (1.9) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Placement test

Semester(s) Offered: Varies

ESL 023 High Beginning ESL Writing (3-6) 3,0
(3 or 6, 0) Prerequisite: Placement test, teacher recommendation, or mastery of learning outcomes (excluding writing) High Beginning ESL Writing is for individuals with a limited knowledge of English grammar and vocabulary. At this level, students will develop writing skills in order to express everyday needs. They will demonstrate mastery in writing simple sentences. Repeatable to 12 credits. (1.9) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Placement test in High Beginning ESL

Semester(s) Offered: Fall, Spring and Summer

ESL 024 High Intermediate ESL Writing (3-6) 3,0
(3 or 6, 0) Prerequisite: Placement test, teacher recommendation, or mastery of learning outcomes (excluding writing) High Intermediate ESL Writing is for individuals who have a foundation in English grammar and vocabulary, and who demonstrate proficiency in expressing everyday needs. At this level, students will develop writing proficiency while increasing vocabulary and grammar skills as they learn to complete authentic forms, write short notes, and compose short paragraphs. Repeatable to 12 credits. (1.9) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Placement test in Intermediate Beginning ESL

Semester(s) Offered: Fall, Spring and Summer
ESL 025 Advanced ESL Writing (3-6) 3.0
(3 or 6, 0) Prerequisite: Placement test, teacher recommendation, or mastery of learning outcomes (excluding writing) Advanced ESL Writing is for individuals who are interested in pursuing academic college courses. This course is for individuals who have a foundation in English and who demonstrate high proficiency in expressing everyday needs in conversation and written form. At this level, students will work to achieve writing proficiency while expanding vocabulary and building grammar skills as they write paragraphs, short, logical essays, and formal letters. Repeatable to 12 credits. (1.9) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: in Advanced Beginning ESL
Semester(s) Offered: Summer

ESL 034 Low Intermediate ESL Writing/Reading (.5-6) .5,0
Low Intermediate ESL Writing/Reading is for individuals who have a foundation in English grammar and vocabulary, and who demonstrate proficiency while expanding vocabulary and grammar skills as they learn to complete authentic forms, write short notes and compose short paragraphs. Students will learn to apply reading and writing strategies and develop critical reading skills. Course is repeatable to 24 credits. (1.9) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Placement by program assessment or successful completion of ESL 013 or ESL 023.
Semester(s) Offered: Fall and Spring

ESL 035 High Intermediate ESL Writing/Reading (.5-6) .5,0
High Intermediate ESL Writing/Reading is for individuals who have a foundation in English and demonstrate proficiency in expressing daily needs in written form. At this level, students will demonstrate writing proficiency while expanding vocabulary and building grammar skills as they write formal letters, as well as detailed, logical paragraphs by means of technology. Students will learn to apply reading and writing strategies and develop critical reading skills. Course is repeatable to 24 credits. (1.9) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Placement by program or successful completion of ESL 014, or ESL 034.
Semester(s) Offered: Fall and Spring

ESL 040 English Literacy/Civics I (.5-6) .5,0
EL Civics I is for students with limited knowledge of written English who want to develop skills to communicate within their communities. They will enhance their roles as informed parents, workers, neighbors, and community participants by becoming informed and understanding community resources, consumer economics, health, health care, and wellness. (1.9) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Adult Ed. pre test and departmental consent
Semester(s) Offered: Varies

ESL 041 English Literacy/Civics II (.5-6) .5,0
EL/Civics II is for individuals with a limited knowledge of English grammar and vocabulary. Students will enhance their roles as informed parents, workers, neighbors, and community participants by participating in activities related to employment, democratic processes, and school systems in the United States. (1.9) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Adult Education pre-test and departmental consent.
Semester(s) Offered: Varies

ESL 050 Introductions to Healthcare Professions (.5-6) .5,0
(.5-6, 0) This course will prepare adult education students to begin training for targeted healthcare career programs. Students will learn the responsibilities of different healthcare professions and the specific academic requirements to enter those fields. This includes how to prepare for the PSB-HOA (Healthcare Occupational Aptitude Test), which is a requirement for entry to many healthcare programs. The course will emphasize time management, study skills, and test taking strategies with the teamwork and communication skills required in the healthcare workplace. The course will develop reading and writing skills using content that is contextualized for the healthcare professions. The course will provide opportunities to practice the digital literacy skills necessary for academic coursework. Course is repeatable up to three times. (1.9) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Must be a non-native speaker of English. A placement test and departmental consent are required. Students on certain types of visas may not qualify for the program.
Semester(s) Offered: Varies
ESL 052 Introduction to Early Childhood Educ Pro (.5-6) .5,0
(.5-6, 0) Students will gain knowledge of the career pathways and educational/vocational requirements in the field of Early Childhood Education. Through contextualized instruction, students will expand their oral and written skills, be introduced to legal and cultural issues in the field, and reflect on themselves as potential Early Childhood Education professionals. Course is repeatable up to three times. (1.9) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Co-enrollment in an approved adult education course and departmental consent.

ESL 053 Introduction to Early Childhood Educ Pro (.5-6) .5,0
(.5-6, 0) Students will gain knowledge of the career pathways and educational/vocational requirements in the field of Early Childhood Education. Through contextualized instruction, students will expand their oral and written skills, be introduced to legal and cultural issues in the field, and reflect on themselves as potential Early Childhood Education professionals. (1.9) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Co-enrollment in an approved adult education course and departmental consent.

ESL 055 Intro to Industrial Arts Careers (.5-6) .5,0
This course is designed for students who are interested in manufacturing careers and are concurrently working to improve basic skills through enrollment in the English as a Second Language program. Students will score into the Low or High Intermediate ESL levels on the CASAS exam. A small number of ESL students may be served who have the equivalency of a high school diploma but have limited English language skills. Students will explore the requirements, expectations, and outlook for different careers in industrial arts. Students will work on modules in academic success, career awareness, and career development while developing the basic academic and soft skills necessary for success in a manufacturing program of study. Self-assessment and review of skills will assist students with planning a path toward their short and long term goals. Course is repeatable three times to 24 credits. (1.9) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Co-enrollment in an approved adult education course and departmental consent.

ESL 056 Intro to Industrial Arts Careers (.5-6) .5,0
This course is designed for students who are interested in manufacturing careers and are concurrently working to improve basic skills through enrollment in the English as a Second Language program. Students will score into the Advanced ESL levels on the CASAS exam. A small number of ESL students may be served who have the equivalency of a high school diploma but have limited English language skills. Students will explore the requirements, expectations, and outlook for different careers in industrial arts. Students will work on modules in academic success, career awareness, and career development while developing the basic academic and soft skills necessary for success in a manufacturing program of study. Self-assessment and review of skills will assist students with planning a path toward their short and long term goals. Course is repeatable three times to 24 credits. (1.9) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Co-enrollment in an approved adult education course and departmental consent.

ESL 060 High Beginning Contextualized ESL (.5-6) .5,0
(.5-6, 0) Students will gain the language, occupational knowledge, and communication skills necessary for successful transition to study in their chosen career field. Instruction will include study skills and career self-assessment. (1.9) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test and departmental consent.

ESL 061 Intermediate Contextualized ESL (.5-6) .5,0
(.5-6, 0) Students will gain the language, occupational knowledge, and communication skills necessary for successful transition towards study in their chosen career field. Instruction will include study skills and career self-assessment. (1.9) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test and departmental consent.

ESL 062 Adult Basic Education (.5-6) .5,0
(.5-6, 0) Students will gain the language, occupational knowledge, and communication skills necessary for successful transition to study in their chosen career field. Instruction will include study skills and career self-assessment. (1.9) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test and departmental consent.

ESL 063 Adult Basic Literacy (.5-6) .5,0
(.5-6, 0) Students will gain the language, occupational knowledge, and communication skills necessary for successful transition towards study in their chosen career field. Instruction will include study skills and career self-assessment. (1.9) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test and departmental consent.

ESL 064 Adult Basic Education (.5-6) .5,0
(.5-6, 0) Students will gain the language, occupational knowledge, and communication skills necessary for successful transition towards study in their chosen career field. Instruction will include study skills and career self-assessment. (1.9) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test and departmental consent.

ESL 065 Adult Basic Literacy (.5-6) .5,0
(.5-6, 0) Students will gain the language, occupational knowledge, and communication skills necessary for successful transition towards study in their chosen career field. Instruction will include study skills and career self-assessment. (1.9) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test and departmental consent.

ESL 066 Adult Basic Literacy (.5-6) .5,0
(.5-6, 0) Students will gain the language, occupational knowledge, and communication skills necessary for successful transition towards study in their chosen career field. Instruction will include study skills and career self-assessment. (1.9) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test and departmental consent.

ESL 067 Adult Basic Education (.5-6) .5,0
(.5-6, 0) Students will gain the language, occupational knowledge, and communication skills necessary for successful transition towards study in their chosen career field. Instruction will include study skills and career self-assessment. (1.9) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test and departmental consent.

ESL 068 Adult Basic Literacy (.5-6) .5,0
(.5-6, 0) Students will gain the language, occupational knowledge, and communication skills necessary for successful transition towards study in their chosen career field. Instruction will include study skills and career self-assessment. (1.9) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test and departmental consent.

ESL 069 Adult Basic Education (.5-6) .5,0
(.5-6, 0) Students will gain the language, occupational knowledge, and communication skills necessary for successful transition towards study in their chosen career field. Instruction will include study skills and career self-assessment. (1.9) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test and departmental consent.

ESL 070 Adult Basic Literacy (.5-6) .5,0
(.5-6, 0) Students will gain the language, occupational knowledge, and communication skills necessary for successful transition towards study in their chosen career field. Instruction will include study skills and career self-assessment. (1.9) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test and departmental consent.

ESL 071 Adult Basic Education (.5-6) .5,0
(.5-6, 0) Students will gain the language, occupational knowledge, and communication skills necessary for successful transition towards study in their chosen career field. Instruction will include study skills and career self-assessment. (1.9) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test and departmental consent.
ESL 062 Advanced Contextualized ESL (.5-6) .5,0
(.5-6, 0) Students will gain the language, occupational knowledge, and communication skills necessary for successful transition towards study in their chosen career field. Instruction will include study skills and career disposition assessment. Course is repeatable up to three times. (1.9) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test and departmental consent.
Semester(s) Offered: Varies

ESL 071 Thriving in the Workplace (.5-6) .5,0
Students will gain the necessary attitudes, behaviors, and skills required by employers to be successful in the workplace. (1.9) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test and departmental consent.
Semester(s) Offered: Varies

ESL 072 Thriving in the Workplace (.5-6) .5,0
Students will gain the necessary attitudes, behaviors, and skills required by employers to be successful in the workplace. (1.9) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test and departmental consent.
Semester(s) Offered: Varies

ESL 077 Pre-Citizenship (.5-3) .5,0
(.5-3, 0) The objective of this course is to give the student information about the structure, function, powers, responsibilities, and the role of government in the lives of an individual, to understand the court system, and to be aware of how the justice system protects the rights of the individual, as well as creating the necessity for involved, responsible participants/citizens. Course is repeatable four times up to 12 credits. (1.9) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Must have a valid ‘Resident Alien’ card and take an ESL placement test
Semester(s) Offered: Fall, Spring and Summer

ESL 078 Citizenship (.5-3) .5,0
(.5-3, 0) This course is specifically designed for English speaking individuals preparing for naturalization interview/test required for U.S. citizenship. The course provides an overview of significant historical events; facts and concepts of federal, state, and local government; current political, governmental and social information; explanations of U.S. culture and institutions; and citizen rights and responsibilities. Course is repeatable four times up to 12 credit hours. (1.9) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Must be eligible for naturalization application, take an ESL placement test, placing into Low Beginning ESL
Semester(s) Offered: Fall, Spring and Summer

English as a Second Language
Adult Basic Education Center - Part Time Program

English as a second language (ESL) instruction at ECC is for all non-native English speakers from any language, group, or nationality. Instruction includes reading, writing, listening, and speaking and is conducted entirely in English. Classroom instruction and college support services provide immigrant students the opportunity to progress toward self-sufficiency and economic success. Courses are offered Monday-Thursday mornings and evenings on campus. Courses are offered at other area locations Monday-Thursday primarily in the evenings. All classes are offered free of charge to eligible immigrant students. For class placement and registration, students must come to Building K. Students will attend a pre-course workshop to prepare themselves for language learning success before they enroll in ESL classes. Students on visas need to contact the office to determine eligibility for the program as students with certain types of visas are not permitted to enroll in the free adult education program.

Beginning ESL Instruction
The purpose of these courses is to help English language learners to improve their reading, writing, speaking, and comprehension skills in English; improve their mathematics and basic technology skills; and acquire an understanding of the American system of government, individual freedom, and the responsibilities of citizenship so that these learners can be full participants in their community. Upon completion of the high beginning level, students may choose to exit the program or to transition to intermediate ESL instruction in order to work on career or academic readiness.

Intermediate ESL Instruction
The purpose of these classes is to equip students with the skills needed for career and academic readiness. Along with improving basic skills in reading, writing, speaking, listening, and mathematics, students will develop the academic and soft skills necessary to make the successful transition to college or to a career. Upon completion of the high intermediate levels, students may exit the program to pursue a high school equivalency certificate, enter a career/vocational training program, transition to advanced/academic ESL classes, or enter the workforce. An academic advisor is available to help students make the transition.
Advanced ESL Instruction

The purpose of these classes is to prepare students to enter college-level classes. Students who want to enroll in advanced ESL classes must first meet with an ESL staff member and take the appropriate placement tests. Students in these classes focus on the academic reading, writing, speaking, listening, and technological skills needed to make the transition to college-level work.

Upon completion of the advanced levels, students are ready to enroll in college degree programs. Students who are interested in transitioning to college level programming are encouraged to take the College Transitions for ESL Learners course. Students interested in this course must receive a recommendation from faculty or staff in order to enroll. Students in this course are required to co-enroll in a transferable credit college class. Upon successful completion of the College Transitions for ESL Learners course, in-district tuition for one three-credit-hour college class will be waived. Individuals must live or work in district to be eligible for the waiver.

High School Equivalency/GED/HiSET/TASC

These classes are pre-college-level courses designed for adults with a reading and/or math level between 9th-12th grades. These classes are designed to assist adults in obtaining the skills necessary for employment and self-sufficiency and to prepare students to pass one of three nationally accepted High School Equivalency tests (GED®, HiSET ®, or TASC ™).

To be eligible to enroll in these classes, you must be at least 16 years of age. You cannot also be enrolled in high school. Individuals less than 18 years old will be required to provide documentation showing that they are not enrolled or required to be enrolled in high school under state law.

All classes are offered free of charge to eligible students. Some courses are offered in Spanish (see course descriptions). Registration takes place in Building K (https://elgin.edu/about-ecc/visiting-campus/campus-map/). Students must take placement testing and attend an orientation to register in classes. Classes are offered at the college and other area locations. These courses are not applicable toward any associate degree or vocational certificate.

AMT 051 Low ASE Math V A in Spanish (.5-6) .5,0
(.5-6, 0) A math course emphasizing algebraic expressions, equations, polynomials, inequalities and functions. Course will be taught in Spanish. (1.8) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.

Semester(s) Offered: Fall, Spring and Summer

AMT 052 Low ASE Math V B in Spanish (.5-6) .5,0
(.5-6, 0) A math course emphasizing geometry to include properties of angles, slopes, circles and volume. Course will include the basics of statistics and probability. (1.8) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.

Semester(s) Offered: Varies

AMT 056 Low ASE Math VI in Spanish (.5-6) .5,0
(.5-6, 0) A math course designed to cover a combination of intermediate algebra and geometry. The content will also include basic trigonometry as well as rules for probability. (1.8) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.

Semester(s) Offered: Varies
ARW 051 Low ASE Read/Writ Content Area V Span (.5-6)  .5,0
(.5-6, 0) A course in reading development for content-specific vocabulary acquisition, comprehension in literature, and source texts-History/Social Studies, Science/Technical Subjects, Functional/Workplace Skills.
Knowledge gained from reading will be integrated in passage writing that encompasses a range of tasks, purpose and audience. The emphasis on writing will include discipline-specific tasks requiring the mastery of complex sentence structures utilizing the eight basic parts of speech. Students will learn to extract content-based evidence by analyzing arguments and organizing and gathering evidence found in source text. Course will be taught in Spanish. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Fall, Spring and Summer

ARW 060 HI ASE Reading/Writ Content Area VI (.5-6)  .5,0
(.5-6, 0) A course in reading development for content-specific vocabulary acquisition, comprehension in literature, and source texts-History/Social Studies, Science/Technical Subjects, Functional/Workplace Skills.
Knowledge gained from reading will be integrated in passage writing that encompasses a range of tasks, purpose and audience. Students will refine literacy skills to extract content-based evidence by analyzing, organizing and gathering evidence found in source text. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Fall, Spring and Summer

ASE 050 Introduction to Healthcare Professions (.5-6)  .5,0
(.5-6, 0) This course will prepare adult education students to begin training for targeted healthcare career programs. Students will learn the responsibilities of different healthcare professions and the specific academic requirements to enter those fields. This includes how to prepare for the PSB-HOA (Healthcare Occupational Aptitude Test), which is a requirement for entry to many healthcare programs. The course will emphasize time management, study skills, and test taking strategies along with the teamwork and communication skills required in the healthcare workplace. The course will develop reading and writing skills using content that is contextualized for the healthcare professions. The course will provide opportunities to practice the digital literacy skills necessary for academic coursework. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Appropriate adult education placement test and departmental consent are required.
Semester(s) Offered: Varies

ASE 052 Introduction to Early Childhood Educ Pro (.5-6)  .5,0
(.5-6, 0) Students will gain knowledge of the career pathways and educational/vocational requirements in the field of Early Childhood Education. Through contextualized instruction, students will expand their oral and written skills, be introduced to legal and cultural issues in the field, and reflect on themselves as potential Early Childhood Education professionals. (1.9) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Co-enrollment in an approved adult education course and departmental consent.
Semester(s) Offered: Varies

ASE 050 Intro to Industrial Arts Careers (.5-6)  .5,0
(.5-6, 0) This course is designed for students who are interested in manufacturing careers and are concurrently working to improve basic skills through enrollment in the adult secondary education program. Students will have a reading or math level between a 9.0 and 12.9 G.L.E. and will be lacking a high school diploma. A small number of ESL students may be served who have transitioned into the ABE program, have the equivalency of a high school diploma, but have limited English language skills. Students will explore the requirements, expectations, and outlook for different careers in industrial arts. Students will work on modules in academic success, career awareness, and career development while developing the basic academic and soft skills necessary for success in a manufacturing program of study. Self-assessment and review of skills will assist students with planning a path toward their short term and long term goals. Course is repeatable three times to 24 credits. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Co-enrollment in an approved adult education course and departmental consent.
Semester(s) Offered: Varies
ASE 062 Contextualized ASE (.5-6) .5,0
(.5-6, 0) Students will gain the academic skills, occupational knowledge, and communication skills necessary for successful transition to study in their chosen career field. Instruction will include study skills and career self-assessment. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test and departmental consent.
Semester(s) Offered: Varies

ASE 072 Thriving in the Workplace (.5-6) .5,0
(.5-6, 0) Students will gain the necessary attitudes, behaviors, and skills required by employers to be successful in the workplace. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test and departmental consent.
Semester(s) Offered: Varies

ASE 097 GED Review in Spanish (.5-6) .5
The General Educational Development (GED) Review in Spanish prepares Spanish-speaking adults to pass the state high school equivalency exams: Language Arts: Reading, Language Arts: Writing, Social Studies, Science and Math. Government age specifications must be met for GED testing. The course is repeatable up to 24 credits. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test score. No U.S high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Varies

ASE 099 GED Review (.5-6) .5
The General Educational Development (GED) Review class prepares adults to pass the state high school equivalency exams: Language Arts: Reading, Language Arts: Writing, Social Studies, Science and Math. Government age specifications must be met for GED testing. Course is repeatable up to 24 credits. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test score. No U.S high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Fall, Spring and Summer

Intensive English Program
This full-time academic program for all English language learners is ideal for learning English through immersion. The Intensive English Program uses proven methods designed to accelerate second language learning by following the highly effective and innovative Focal Skills Approach to language learning. Emphasis is placed on language skills and cultural understanding necessary to enroll in college courses or to excel in the workplace. This program can also provide support for language learners enrolled in credit classes. There are 3 modules – 1) Listening, 2) Reading, and 3) Writing. In addition to the modules, a variety of elective courses are offered to enhance and enrich English language learning. The Pre-Collegiate level is the final course in the program and offers academic / advanced English instruction, as well as a post-secondary pathway program of study combining developmental ESL and credit-bearing coursework to prepare international students for college-level coursework.

Enrollment is always open. All new students must take an initial placement test. Prospective students may take the placement test and enroll in August, September, October, and November for the fall semester. Spring semester enrollment is in January, February, March, and April. After an initial assessment, students are assigned to one of the three modules, or the Pre-College level.

Every four weeks, students are re-assessed and have the opportunity to move to the next module or remain in the same module for more practice. The Pre-Collegiate level is a 12-16 week course. Enrollment is limited to the first two sessions of the semester. During the fall and spring semesters, classes meet for 20 hours a week, Monday through Thursday from 9 to 11:20 a.m. and 12:00 to 2:30 p.m. Summer intensive workshops are also held and meet from 9 a.m. to 1:00 p.m., Monday through Thursday. Summer workshops are offered in June and July.

The Intensive English Program (IEP) meets the requirements of a full course of study for F-1 international students and is appropriate for students on other types of visas. Students on non-immigrant visas other than F-1 have the option of attending part-time (10-12 hours per week) or full-time (if permitted under the student’s non-immigrant visa). With the successful completion of the Pre-Collegiate level, a certificate of completion and a three-credit hour in-district tuition waiver is awarded.

Pre-Collegiate Pathway Program for International Students
International students who do not meet the college’s English language proficiency standards for admission to the associate degree program can enroll in the Pre-Collegiate Pathway Program. The program prepares students for associate degree level studies and includes 20 clock hours of in-person ESL instruction per week and 1-3 semester credits of college-level coursework taken concurrently during the spring or fall semesters (16 weeks). Students are required to enroll full-time in the Pre-Collegiate level of the Intensive English Program and a college-level course for which the student qualifies from a select list of courses. The Pre-Collegiate Pathway Program is open to eligible international students on an F-1 or J-1 visa and requires full-time enrollment in the Intensive English Program. Students who complete the Pre-Collegiate Pathway Program will be considered English language proficient and eligible to undertake the college’s Reading and Writing placement tests.

CSF 001 Listening Module
Pre-requisite: Incoming assessment score.
Goal: This module will introduce new vocabulary and direct students to apply previous knowledge to new areas through basic listening and speaking.

Learning Outcomes
Students will monitor their progress on listening and speaking abilities and will be able to:
1. **Pre-listening**: Acquire new and review previously learned vocabulary, idioms and grammar points.

2. **Listening**: 
   a. Follow oral directions
   b. Identify main ideas of a listening segment
   c. Recall important details
   d. Recognize new target vocabulary and idioms
   e. Take notes from spoken context
   f. Arrange sequential information in chronological order
   g. Recognize stress and intonation patterns in utterances and their effect on meaning

3. **Speaking**: 
   a. Use situational and idiomatically appropriate small talk
   b. Participate effectively in small group discussions
   c. Report information presented in a spoken context
   d. Construct questions and answers about content of a listening segment using grammar and idioms from the segment
   e. Use situationally appropriate language
   f. Use past/present/future tense in simple statements

CSF 002 Reading Module

**Pre-requisite**: Incoming assessment score or successful completion of CSF-001.

**Goal**: Apply the competency and fluency gained in basic reading to achieve academic and test-taking success.

**Learning Outcomes**

Students will monitor their progress on reading ability and will be able to:

1. Acquire ten or more individual new vocabulary words each week and use them contextually in sentences and every-day conversation
2. Utilize appropriate reading strategies to comprehend unfamiliar texts/materials covering familiar fields of knowledge; which include
   a. Predicting, making notes as they read (annotating), identifying purpose of texts, utilizing visual and auditory learning, identify vocabulary through text, relating to previous experiences
   b. Define the meaning of unfamiliar words from the context
   c. Identify main ideas and key points to unfamiliar reading passages and use syntactic clues and other contextual clues to interpret complex sentences and unfamiliar words
   d. Restate main ideas
3. Evaluate texts for facts or opinions
4. Interpret the author's point of view by analyzing clues, making inferences, and interpreting implied meaning or intent
5. Use contextual evidence to analyze themes and plots, describe settings and examine characters
6. Identify and examine literary devices such as metaphor and simile

CSF 003 Writing Module

**Pre-requisite**: Incoming assessment score or successful completion of CSF-002.

**Goal**: Students will develop their abilities as critical readers and writers. The characteristics and demands of academic writing and research will be introduced, including the concepts of citation and plagiarism. Students will continue with opportunities to develop reading and speaking skills, and the class will increase awareness about the English language and American academic culture.

**Learning Outcomes**

Students will monitor their progress on writing ability and will be able to:

1. Develop writing through the steps of planning, drafting and editing
2. Develop skill to generate ideas, discover connections among ideas, and engage in progressive testing and reformulation of these ideas
3. Develop strategies to gain control of problems with grammar, spelling, and punctuation, and demonstrate sophisticated use of Standard English
4. Produce well-organized writing which reflects the correct use of main idea, supporting details, and conclusion in paragraphs or short compositions of at least 175-250 words in a class period.
5. Develop skill and confidence with public speaking, both formally and informally
6. Develop awareness and usage of American academic writing and research practices, including:
   a. The library and its resources (print, electronic, and services)
   b. Developing good research questions
   c. Finding and evaluating sources
   d. Proper means to integrate and cite sources
7. Define plagiarism and discuss the culturally-bound conventions of the English language and the American culture of academia

CSF 004 Pre-Collegiate Pathway Program

**Pre-requisite**: Incoming assessment score or successful completion of CSF-003.

**Goal**: Within this capstone level of IEP, students will become fluent and spontaneous readers, writers, and speakers, prepared for social and college-level academic interactions with minimal extra language support or guidance.

**Students will monitor their progress on college-level academic literacy skills and will be able to:**

1. Develop and apply metacognitive strategies to literacy tasks:
   a. Apply strategies to improve language mastery and comprehension of academic texts:
      i. Employ background knowledge, schema, etc.
      ii. Predict meaning of unfamiliar vocabulary with contextual clues or word analysis
      iii. Make inferences, draw conclusions and predict outcomes
      iv. Use reference materials and research methods
   b. Reflect on and evaluate strategies used in reading, writing, thinking, speaking, and listening
2. Critically analyze complex texts:
   a. Identify major and minor points that writers are communicating to the readers;
   b. Examine the impact of vocabulary, word choice and sentence patterns to communicate readers’ and writers’ stances;
   c. Analyze the development of ideas and events throughout a text; and
   d. Compare themes across multiple texts.
3. Develop and support written and oral arguments in response to complex texts:
a. Apply understanding of structure from diverse formats and media to their own writing and speaking.
b. Use structural patterns to organize major and minor points and demonstrate coherence and unity for written and oral pieces;
c. Demonstrate appropriate tone, word choice, sentence complexity, grammar/mechanics/punctuation, and MLA/APA citation formats (with most practice in MLA, but exposure to others); and,
d. Conduct peer and self-editing to produce works with minimal errors.

4. Demonstrate appropriate academic behavior with confidence, formally and informally, in both written and oral forms:
a. Develop and articulate unique opinions, ideas and thoughts in response to readings, writings and class discussions.
b. Contribute to a collaborative, interactive and respectful classroom, with methods such as agree/disagree, negotiation, compromise, consensus, conversation, teamwork and debate.
c. Recognize and discuss relevant cultural differences.
d. Discuss and practice academic standards and expectations in the American college classroom.
e. Discuss the concept of Plagiarism and means to recognize and avoid it.
COURSE DESCRIPTIONS

View image (https://catalog.elgin.edu/gallery/CourseBubbleFINAL.JPG)

Explanation of Course Description

Hours of Lecture and/or Lab per Week

The number of hours per week that a student spends in class, (lecture time, lab time, or both). Class hours are the last two numbers that appear with the course title in the course description section of this catalog. The first of these two numbers is lecture hours, the second is lab hours. The actual time of day a course will be offered is shown in the class schedule.

Program Classification System (PCS) Code

A number which appears at the end of every course description in the catalog and which designates the program category in which the state of Illinois has approved the course. This is indicated on each course as:

(1.1) – Transfer course
(1.2) – Career & Technical Education – not intended for transfer; however, some courses may transfer.
(1.4), (1.5), (1.6), (1.7), (1.8) – Developmental or general studies credit – not intended for transfer and not applicable to any degree.

Course Description

A brief explanation of the content of a course. For more detailed information a Course Outline is also available for classes in this catalog upon request through the Advising Center. A specific plan/syllabus for each course may also be available upon request from the office of the appropriate instructional dean.

Course Number

A three-digit number which follows the course prefix. Course numbers between 100 and 199 are generally considered freshman level. Courses numbered between 200 and 299 are generally considered sophomore level. Courses numbered below 100 are remedial or developmental and cannot be used to fulfill graduation requirements for any associate degree and are not transferable to four-year schools.

Course Prefix

A three-letter code which identifies the department in which a course is taught, e.g., ENG English, WEL welding, CDN communication design.

Course Title

The official name of a course.

Semester Hours of Credit

A standardized unit of academic measurement assigned to every course offered by the college. Credit hours are shown immediately after the course title. ECC credit hours are semester hours. Other colleges may use quarter hours or units. Contact the ECC Records Office for credit hour conversion.

Pass/No Credit

Students may choose to take some designated credit courses as pass/no credit. This is indicated under each course with either “Available” or “Not Available.” Students who opt for pass/no credit registration earn credit for the course if they complete it with a C or better. If not, they receive no credit. Either way, pass/no credit carries no grade value and does not affect a student’s grade point average or their academic standing. Registration for pass/no credit classes must be made in person only at the time of registration or up to 10 days after at the Registration Office.

Prerequisite

A course requirement which must be met prior to enrollment. Students not meeting prerequisites may be dropped from class by the college.

Recommended

A Recommended statement indicates either coursework or other skills that would be helpful to have prior to taking a course. This is optional and will not stop a student from being able to register for the course.

Illinois Articulation Initiative (IAI) General Education Code

The Illinois Articulation Initiative (IAI) is a statewide transfer agreement, which is transferable among more than 100 participating colleges and universities in Illinois. IAI works best for students who know they are going to transfer but are undecided on the college or university that will grant their baccalaureate degree.

All colleges and universities participating in IAI agree to accept an IAI General Education course in lieu of their own comparable lower-division general education requirements. This does not guarantee any specific course-to-course transfer credit. Please be sure to consult an academic advisor to ensure transferability.

These courses are noted with “IAI General Education” followed by the specific code.

IIlinois Articulation Initiative (IAI) Major Code

IAI major recommendations for the first two years of college in several popular majors. IAI major recommendations work best for students who have chosen their majors, are going to eventually transfer, but are undecided on the college or university that will grant their baccalaureate degree. Please be sure to consult an academic advisor to ensure transferability.

These courses are noted with “IAI Major” followed by the specific code.

In-District Tuition/Fees

Course costs are calculated using in-district tuition and include course, lab, and/or instructional fees. This cost does not include books, supplies, and/or other materials that might be needed for a course. Details on specific costs can be found https://elgin.edu/pay-for-college/tuition-fees/

Semester(s) Offered

The semester(s) in which a course is generally offered to assist in planning transfer, degree, and certificate completion. Every effort is made to offer and run these courses as noted, however, the instructional dean of the respective subject may decide to cancel a class at their discretion.

Proficiency Credit

Proficiency Credit is academic credit awarded to a student after the student has demonstrated, through pre-determined methods by the department that they have attained specific skills comparable to those being achieved through formal instruction provided by the college for that course. This is indicated under each course as:
**ACC 100 Introductory Accounting (3) 3,0**
The first semester of fundamental financial accounting. Emphasis is on procedural aspects of financial accounting for the single proprietorship. Accrual basis is utilized. Entire accounting cycle is covered for both service and merchandising businesses, including adjustments, preparation of financial statements, and closing procedures. Also included are reconciliation of bank statements and petty cash. (1,2) Proficiency Credit Available (2 IET) Pass/No Credit Available.

**In-District Tuition/Fees:** $396 (effective 2020/21 academic year)

**Prerequisite:** None Recommended: BUS 120

**Semester(s) Offered:** Fall, Spring and Summer

**ACC 200 Financial Accounting (4) 4,0**
Foundation course required for further study of accounting and business. Principles and concepts of financial accounting are emphasized and advanced concepts are introduced. Topics include transaction analysis, development of financial reports, the accounting cycle, promissory notes, inventory costing, depreciation methods, corporation equity concepts, bonds payable, statement of cash flows and present value. (1.1) IAI Major: BUS903 Proficiency Credit Available (2 EIT) Pass/No Credit Not Available.

**In-District Tuition/Fees:** $528 (effective 2020/21 academic year)

**Prerequisite:** Grade of C or better in BUS 120 and MTH 125 or MTH 126 or (2) consent of instructor Recommended: (1) ACC 100 or previous course in bookkeeping or accounting and (2) Microsoft Excel proficiency or concurrent enrollment in CIS 242 or completion of CIS 242

**Semester(s) Offered:** Fall, Spring and Summer

**ACC 210 QuickBooks Online (3) 3,0**
Students complete numerous monthly accounting cycles of a new company, applying principles of accounting, and using QuickBooks Online, an accounting software commonly used by small businesses. The software will be used to process business transactions, generate reports and financial statements, and to export data into Excel. Students will use Excel to complete projects that analyze monthly results, perform trend analysis, and calculate common financial ratios. QuickBooks Online provides an easy to understand interface for students to grasp accounting concepts while honing cloud computing skills. Students will confirm their QuickBooks Online knowledge by passing the Intuit QuickBooks Certified User exam. (1,2) Proficiency Credit Available (2 IET) Pass/No Credit Available.

**In-District Tuition/Fees:** $495 (effective 2020/21 academic year)

**Prerequisite:** (1) Grade of C or better in ACC 200 and CIS 110; or (2) Grade of C or better in ACC 100 and CIS 110; or (3) consent of instructor.

**Semester(s) Offered:** Fall and Spring

**ACC 221 Payroll Accounting (2) 2,0**
Introduces the processing of payroll. Emphasis is placed on legal requirements of withholding, employer’s taxes, and preparation of tax forms and reports. (1,2) Proficiency Credit Available (2 IET) Pass/No Credit Available.

**In-District Tuition/Fees:** $264 (effective 2020/21 academic year)

**Prerequisite:** Grade of C or better in ACC 200
ACC 225 Income Tax Accounting (3) 3.0
This course is of value to anyone interested in learning about income taxes, whether for personal use or as a start toward a new vocational goal. Emphasis is on federal individual income taxes. Also, some attention is given to small businesses and corporations. Topics covered include filing status, taxable income, employee business expenses, itemized deductions, profit from business or profession, capital gains and losses, tax credits, corporations, and state of Illinois income tax. (1.2) Proficiency Credit Available (2 EIT) Pass/No Credit Not Available
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
Semester(s) Offered: Fall
Prerequisite: Grade of C or better in ACC 200 or (2)consent of instructor.

ACC 235 Intermediate Accounting I (3) 3.0
Provides review of the accounting cycle and discussion of the environment and conceptual framework underlying financial accounting. Deals in depth with income statement, balance sheet, and cash flow statement, account classification, disclosures and interpretation. Time value of money concepts are discussed and applied. Accounting for cash and receivables is covered. (1.1) Proficiency Credit Available (2 TIE) Pass/No Credit Not Available
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
Semester(s) Offered: Varies
Prerequisite: Grade of C or better in ACC 240

ACC 236 Intermediate Accounting II (3) 3.0
Continuation of intermediate financial accounting. Includes in-depth study of leases, plant and equipment, depreciation, intangible assets, current liabilities, pensions, bases of revenue recognition, and accounting for income taxes. Stresses authoritative pronouncements of APB and FASB. (1.1) Proficiency Credit Available (2 TIE) Pass/No Credit Not Available
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
Semester(s) Offered: Varies
Prerequisite: Grade of C or better in ACC 235

ACC 240 Managerial Accounting (4) 4.0
The second semester foundation course required for further study in accounting. Managerial accounting topics include ABC cost behavior analysis and use, job-order costing, process costing, cost-volume profit relationships, contribution approach to costing, budgeting, standard costs, JIT/FMS performance measures, relevant costs for decision making, balanced scorecard and capital budgeting. (1.1) IAI Major: BUS904 Proficiency Credit Available (2 TIE) Pass/No Credit Not Available
In-District Tuition/Fees: $528 (effective 2020/21 academic year)
Semester(s) Offered: Fall, Spring and Summer
Prerequisite: Grade of C or better in ACC 200 or (2)consent of instructor. Recommended: (1) ECN 201 or concurrent enrollment in ECN 201 and (2) Microsoft Excel proficiency or concurrent enrollment in CIS 242 or completion of CIS 242

ACC 245 Cost Accounting (3) 3.0
Fundamentals of cost accounting, ABC, performance measurements, job order, process and estimated cost development and procedures. Emphasizes current practices in cost control through reports to management, applied to business establishments of relatively small and intermediate size. (1.1) Proficiency Credit Available (2 IET) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
Semester(s) Offered: Varies
Prerequisite: Grade of C or better in ACC 240

ACC 260 Internship in Accounting (1-3) 0.10
Students work for a business, government agency, or other organization for approximately 10 hours per week for one semester performing accounting tasks. Students will keep a journal detailing work performed, write a short paper and make a presentation to a current accounting class summarizing their on-the-job experience. Course is repeatable to six credits; only three credits may apply toward a degree or certificate. (1.2) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
Semester(s) Offered: Varies
Prerequisite: Grade of C or better in ACC 200 and Grade of C or better in CIS 242.

ACC 261 Auditing (3) 3.0
An introductory course that directs students in the design and establishment of accounting systems and in the examination of financial statements. Learn documentation techniques used in expressing audit opinions through tests of controls and substantive tests that relate to selected transaction cycles. A variety of methods of sampling will be discussed as well as the legal liability of the auditor. (1.2) Proficiency Credit Available (2 EIT) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
Semester(s) Offered: Varies
Prerequisite: Grade of C or better in ACC 240

Adult Basic & Secondary Ed. (ABE)
The Adult Basic Education Center offers pre-college-level courses designed for
1. adults with less than a 12th grade reading and/or math level who want to improve their basic skills in reading, math, writing, or computers,
2. adults who are English language learners (ESL) who want to improve their basic language skills, and/or
3. adults who do not have their high school diploma or its equivalent and would like to complete their high school equivalency.

To be eligible to enroll in classes, you must be at least 16 years of age. You cannot also be enrolled in high school. Individuals less than 18 years old will be required to provide documentation showing that they are not enrolled or required to be enrolled in high school under state law.
All classes are offered free of charge to eligible students. Registration takes place in Building K. Students must take placement testing and attend an orientation to register in classes. Classes are offered at the college and other area locations. These courses are not applicable toward any associate degree or vocational certificate.

Upon successful completion of one adult basic or secondary education (ABE, ASE, AMT, or ARW) class and submission of your High School Equivalency transcript from the Regional Office of Education (ROE) to the Adult Basic Education Center, in-district tuition for one three-credit-hour college class will be waived. Individuals must live or work in district to be eligible for the waiver.

Stevens Amendment FY20: Approximately 636,330 (35%) of the Illinois Adult Education and Literacy Program cost at ECC is federally funded under Title II, Adult Education and Family Literacy of the Workforce Innovation and Opportunity Act of 2014.

AMT 010 Beginning Math Literacy I (.5-6) .5,0
(.5-6, 0) A basic math course with the emphasis on developing number concepts and the addition and subtraction of whole numbers and decimals. The content also includes place value, time concepts, shape identification, and linear measurement. (1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Fall, Spring and Summer

AMT 020 Beginning Math Basic Education II (.5-6) .5,0
(.5-6, 0) A basic math course focusing on the four operations of whole numbers and decimals as well as the critical thinking skills to solve these problems. The content also includes an understanding of fractions and geometry in relation to perimeter and area. (1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Fall, Spring and Summer

AMT 030 Low Intermediate Math Basic Educ III (.5-6) .5,0
(.5-6, 0) A basic math course with the emphasis on fractions, measurement, graphs. The course content includes an understanding of the coordinate plane, angles and lines as well as area and perimeter of various geometrical shapes. (1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Fall, Spring and Summer

AMT 040 High Intermediate Math Basic Educ IV A (.5-6) .5,0
(.5-6, 0) A basic math course emphasizing the concepts of ratios and proportions, percent and solving equations. The course content also includes defining and evaluating functions. (1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Fall, Spring and Summer

AMT 045 High Intermediate Math Basic Educ IV B (.5-6) .5,0
(.5-6, 0) A basic math course emphasizing geometry including surface area, volume, and Pythagorean Theorem. The course content also includes data analysis and probability. (1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Varies

AMT 050 Low ASE Math V A (.5-6) .5,0
(.5-6, 0) A math course emphasizing algebraic expressions, equations, polynomials, inequalities and functions. (1.8) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Fall, Spring and Summer

AMT 051 Low ASE Math V A in Spanish (.5-6) .5,0
(.5-6, 0) A math course emphasizing algebraic expressions, equations, polynomials, inequalities and functions. Course will be taught in Spanish. (1.8) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Fall, Spring and Summer

AMT 055 Low ASE Math V B (.5-6) .5,0
(.5-6, 0) A math course emphasizing geometry including surface area, volume, and Pythagorean Theorem. The course content also includes data analysis and probability. (1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Varies

AMT 055 Low ASE Math V B (.5-6) .5,0
(.5-6, 0) A math course emphasizing algebraic expressions, equations, polynomials, inequalities and functions. Course will be taught in Spanish. (1.8) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Fall, Spring and Summer

AMT 055 Low ASE Math V B (.5-6) .5,0
(.5-6, 0) A math course emphasizing geometry including surface area, volume, and Pythagorean Theorem. The course content also includes data analysis and probability. (1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Varies

AMT 055 Low ASE Math V B (.5-6) .5,0
(.5-6, 0) A math course emphasizing geometry including surface area, volume, and Pythagorean Theorem. The course content also includes data analysis and probability. (1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Varies

AMT 055 Low ASE Math V B (.5-6) .5,0
(.5-6, 0) A math course emphasizing geometry including surface area, volume, and Pythagorean Theorem. The course content also includes data analysis and probability. (1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Varies

AMT 055 Low ASE Math V B (.5-6) .5,0
(.5-6, 0) A math course emphasizing geometry including surface area, volume, and Pythagorean Theorem. The course content also includes data analysis and probability. (1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Varies
AMT 056 Low ASE Math V B in Spanish (.5-6) .5,0
(.5-6, 0) A math course emphasizing geometry to include properties of angles, slopes, circles and volume. This course also includes the basics of statistics and probability. Course will be taught in Spanish. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Varies

AMT 060 High ASE Math VI (.5-6) .5,0
(.5-6, 0) A math course designed to cover a combination of intermediate algebra and geometry. The content will also include basic trigonometry as well as rules for probability. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Fall, Spring and Summer

AMT 061 High ASE Math VI in Spanish (.5-6) .5,0
(.5-6, 0) A math course designed to cover a combination of intermediate algebra and geometry. The content will also include basic trigonometry as well as rules for probability. Course will be taught in Spanish. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Fall, Spring and Summer

ARW 020 Beginning Reading/Writing Basic Educ II (.5-6) .5,0
(.5-6, 0) A basic course in reading for the fundamentals of alphabets, fluency, vocabulary acquisition and comprehension in literature and informational texts. Knowledge gained from reading will be integrated to actual practice in simplistic writing of Standard English grammar. (1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Fall, Spring and Summer

ARW 030 Low Inter Reading/Writing Basic Educ III (.5-6) .5,0
(.5-6, 0) A basic course in reading for the fundamentals of fluency, vocabulary acquisition and comprehension in literature and informational texts. The focus of reading will explore a range of texts and tasks. Knowledge gained from reading will be integrated in paragraph writing that encompasses a range of task, purpose and audience. (1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Fall, Spring and Summer

ARW 040 High Inter Reading/Writing Basic Educ IV (.5-6) .5,0
(.5-6, 0) A basic course in reading for the fundamentals of fluency, vocabulary acquisition and comprehension in literature, and informational texts-History/Social Studies, Science/Technical Subjects, Functional/Workplace Skills. The focus of reading will explore a range of texts and tasks. Knowledge gained from reading will be integrated in paragraph writing that encompasses a range of task, purpose and audience. Writing will emphasize on discipline-specific tasks requiring the mastery of complex sentence structures utilizing the eight basic parts of speech. (1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Fall, Spring and Summer
ARW 050  Low ASE Reading/Writ Content Area V (.5-6)  .5,0
(.5-6, 0) A course in reading development for content-specific vocabulary acquisition, comprehension in literature, and source texts-History/Social Studies, Science/Technical Subjects, Functional/Workplace Skills. Knowledge gained from reading will be integrated in passage writing that encompasses a range of tasks, purpose and audience. The emphasis on writing will include discipline-specific tasks requiring the mastery of complex sentence structures utilizing the eight basic parts of speech. Students will learn to extract content-based evidence by analyzing arguments and organizing and gathering evidence found in source text. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Fall, Spring and Summer

ARW 051  Low ASE Read/Writ Content Area V Span (.5-6)  .5,0
(.5-6, 0) A course in reading development for content-specific vocabulary acquisition, comprehension in literature, and source texts-History/Social Studies, Science/Technical Subjects, Functional/Workplace Skills. Knowledge gained from reading will be integrated in passage writing that encompasses a range of tasks, purpose and audience. The emphasis on writing will include discipline-specific tasks requiring the mastery of complex sentence structures utilizing the eight basic parts of speech. Students will learn to extract content-based evidence by analyzing arguments and organizing and gathering evidence found in source text. Course will be taught in Spanish. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Fall, Spring and Summer

ARW 060  Hi ASE Reading/Writ Content Area VI (.5-6)  .5,0
(.5-6, 0) A course in reading development for content-specific vocabulary acquisition, comprehension in literature, and source texts-History/Social Studies, Science/Technical Subjects, Functional/Workplace Skills. Knowledge gained from reading will be integrated in passage writing that encompasses a range of tasks, purpose and audience. Students will refine literacy skills to extract content-based evidence by analyzing, organizing and gathering evidence found in source text. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Fall, Spring and Summer

ARW 061  Hi ASE Read/Writ Content Area VI Span (.5-6)  .5,0
(.5-6, 0) A course in reading development for content-specific vocabulary acquisition, comprehension in literature, and source texts-History/Social Studies, Science/Technical Subjects, Functional/Workplace Skills. Knowledge gained from reading will be integrated in passage writing that encompasses a range of tasks, purpose and audience. Students will refine literacy skills to extract content-based evidence by analyzing, organizing and gathering evidence found in source text. Course will be taught in Spanish. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Fall, Spring and Summer

ABE 083  Basic Computer Skills (1.5-3)  1.5,0
(1.5 or 3, 0) This course is designed to introduce the ABE student to basic computer skills using individualized and group methods of instruction. Course is repeatable four times up to 12 credits. (1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Fall, Spring and Summer

ABE 008  Ad Basic Ed 1 Eng Lang Learner (.5-6)  .5,0
(.5-6, 0) This course is intended to prepare beginning English Language Learners for success within the community. Students will learn to express themselves in everyday situations using high-frequency words and phrases. English literacy skills will be introduced in this course, building common vocabulary throughout. Course is repeatable three times. (1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Fall, Spring and Summer
Semester(s) Offered: Fall, Spring and Summer

**ABE 009 Ad Basic Ed 2 English Lang Learner (.5-6)**  
(.5-6, 0) This course is for individuals who do not have English as their first language but want to communicate within the local community. Students will strengthen their oral skills through collaborative learning activities. They will work to achieve writing proficiency through various forms of simple writing using common life-skills vocabulary. Course is repeatable three times. (1.7) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $0 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: A student must take an approved adult education test and score between 4.0-8.9 GLE on the TABE test, be a non-native speaker of English who needs to work on basic skills, and receive departmental consent.

Semester(s) Offered: Fall, Spring and Summer

**ABE 018 Ad Basic Ed 11 Eng Lang Learner (.5-6)**  
(.5-6, 0) This course is intended to prepare intermediate English Language Learners for academic success in college and career. Students will learn to express themselves using formal and informal speech, and to critically listen to a variety of oral language. Literacy skills, including the process of writing a paragraph, will be included in this course; building academic vocabulary throughout. Course is repeatable three times. (1.7) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $0 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: A student must take an approved adult education test and score between 0-3.9 GLE on the TABE test, be a non-native speaker of English who needs to work on basic skills, and receive departmental consent.

Semester(s) Offered: Fall, Spring and Summer

**ABE 019 Ad Basic Ed 12 Eng Lang Learner (.5-6)**  
(.5-6, 0) This course is for English Language Learners (ELLs) testing between 4.0-8.9 GLE on the TABE test who have a foundation in English grammar and vocabulary and can show proficiency in expressing everyday needs. At this level, students will begin to develop the essential skills and general knowledge needed to become career and college ready. Students will learn to complete authentic forms, write short notes, and compose short paragraphs; develop critical reading skills as they read short written works at the Low Intermediate level; improve their speaking and listening skills in different contexts; use technology to access and develop different types of texts; and incorporate basic math skills in contextualized settings. Course is repeatable three times. (1.7) Proficiency Not Credit Available Pass/No Credit Available.

In-District Tuition/Fees: $0 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Student must be a non-native speaker of English who needs to improve English language skills either for career or academic purposes. A placement test and departmental consent are required. Students on certain types of visas may not qualify for the program.

Semester(s) Offered: Fall, Spring and Summer

**ABE 022 Ad Basic Ed 14 Eng Lang Learner (.5-6)**  
(.5-6, 0) This course is for English Language Learners (ELLs) testing between 4.0-8.9 GLE on the TABE test who have basic career and college readiness skills but who need to improve these skills in order to become successful in academic or workplace settings. Students will learn how to complete complex forms, write work-related letters and emails, and compose longer, more detailed paragraphs; further develop critical reading skills as they read complex High Intermediate texts; improve oral communication skills including close listening and the ability to use examples and details to clarify meaning; use technology to access, develop, and analyze different types of texts; and incorporate essential math skills in contextualized settings. (1.7) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $0 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: A student must take an approved adult education test and score between 0-3.9 GLE on the TABE test, be a non-native speaker of English who needs to work on basic skills, and receive departmental consent.

Semester(s) Offered: Fall, Spring and Summer

**ABE 025 Ad Basic Ed 16 Eng Lang Learner (.5-6)**  
(.5-6, 0) This course is for English Language Learners (ELLs) testing between 4.0-8.9 GLE on the TABE test who have intermediary career and college readiness skills but who need to refine and expand upon these skills in order to become successful in academic or workplace settings. Students will learn how to complete complex applications, write work-related letters and formal emails, and compose well-formulated detailed paragraphs; further develop critical reading skills as they read more complex High Intermediate texts; improve oral communication skills including close listening and the ability to elaborate on a topic; use technology to access, develop, analyze, and evaluate different types of texts; and apply multistep math skills in contextualized settings. (1.7) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $0 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Student must be a non-native speaker of English who needs to improve English language skills either for career or academic purposes. A placement test and departmental consent are required. Students on certain types of visas may not qualify for the program.

Semester(s) Offered: Fall, Spring and Summer

**ABE 028 Ad Basic Ed 21 Eng Lang Learner (.5-6)**  
(.5-6, 0) This course is intended to prepare advanced English Language Learners for academic success in college. Students will learn to express themselves using formal and informal speech, and to critically listen to a variety of oral language. Literacy skills including close listening and the ability to elaborate on a topic; use technology to access, develop, analyze, and evaluate different types of texts; and apply multistep math skills in contextualized settings. Course is repeatable three times. (1.7) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $0 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Student must be a non-native speaker of English who needs to improve English language skills either for career or academic purposes. A placement test and departmental consent are required. Students on certain types of visas may not qualify for the program.

Semester(s) Offered: Fall, Spring and Summer
ABE 029 Ad Basic Ed 22 Eng Lang Learner (.5-6) .5
(.5-6, 0) This course is for English Language Learners (ELLs) testing between a 4.0-8.9 GLE on the TABE who do not have English as their first language but want to pursue academic college courses. At this level, students will work to achieve writing proficiency while expanding vocabulary and building grammar skills as they write short, logical essays, memos and emails. They will develop critical reading skills through independent reading, guided practice, and class discussion as they read a wide variety of high intermediate materials. Students will strengthen their speaking and listening skills through extensive practice in a variety of contexts and classroom discussions. Course is repeatable three times. (1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
Prerequisite: Student must be a non-native speaker of English who needs to improve English language skills for career or academic purposes. A placement test and departmental consent are required. Students on certain types of visas may not qualify for the program.
Semester(s) Offered: Fall, Spring and Summer

ABE 032 Ad Basic Ed 24 Eng Lang Learner (.5-6) .5
(.5-6, 0) This course is for English Language Learners (ELLs) testing between a 4.0-8.9 GLE on the TABE who do not have English as their first language but want to pursue academic college courses. At this level, students will work to achieve writing proficiency while expanding vocabulary and building grammar skills as they write logical multi-paragraph essays using comparison/contrast. They will demonstrate mastery in formal letters. They will continue to develop critical reading skills through independent reading, guided practice, and class discussion as they read a variety of high intermediate materials. They will learn to access and utilize information from a variety of resources and reference materials including charts and graphs. Students will strengthen their speaking and listening skills through extensive practice in a variety of conversation contexts, collaborative learning activities, and classroom discussions. Students will also present short informal speeches. (1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Student must be a non-native speaker of English who needs to improve English language skills either for career or academic purposes. A placement test and departmental consent are required. Students on certain types of visas may not qualify for the program.
Semester(s) Offered: Fall, Spring and Summer

ABE 035 Ad Basic Ed 26 Eng Lang Learner (.5-6) .5
(.5-6, 0) This course is for English Language Learners (ELLs) testing between a 4.0-8.9 GLE on the TABE who do not have English as their first language but want to pursue academic college courses. At this level, students will work to achieve proficiency in writing cause/effect multi-paragraph essays using adequate support and proper paragraph structure. They will continue to develop critical reading skills through independent reading, guided practice, and class discussion as they read a wide variety of high intermediate materials. They will learn to access and utilize information from a variety of resources and reference materials including charts and graphs. Students will strengthen their speaking and listening skills through extensive practice in a variety of conversation contexts, collaborative learning activities, and classroom discussions. Students will also present oral reports. (1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Student must be a non-native speaker of English who needs to improve English language skills either for career or academic purposes. A placement test and departmental consent are required. Students on certain types of visas may not qualify for the program.
Semester(s) Offered: Variies

ABE 040 English Literacy/Civics I (.5-6) .5
(.5-6, 0) English Civics I is for students with limited knowledge of written English who want to develop the skills to communicate within their communities. They will enhance their roles as informed parents, workers, neighbors, and community participants by becoming informed and understanding community resources, consumer economics, health, health care, and wellness. Course is repeatable three times. (1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Adult Education pre test and departmental consent.
Semester(s) Offered: Variies

ABE 041 English Literacy/Civics II (.5-6) .5
(.5-6, 0) EL/Civics II is for individuals with limited knowledge of written English. Students will develop skills to enhance their roles as informed parents, workers, neighbors, and community participants by participating in activities related to employment, democratic processes, and the school system in the United States. Course is repeatable three times. (1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Adult Education pre test and departmental consent.
Semester(s) Offered: Variies
ABE 050 Intro to Healthcare Profession (.5-6) .5,0
This course will prepare adult education students to begin training for targeted healthcare career programs. Students will learn the responsibilities of different healthcare professions and the specific academic requirements to enter those fields. This includes how to prepare for the PSB-HOA (Healthcare Occupational Aptitude Test), which is a requirement for entry to many healthcare programs. The course will emphasize time management, study skills, and test-taking strategies along with the teamwork and communication skills required in the healthcare workplace. The course will develop reading and writing skills using content that is contextualized for the healthcare professions. The course will provide opportunities to practice the digital literacy skills necessary for academic coursework. (1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test and departmental consent.
Semester(s) Offered: Varies

ABE 054 Intro to Industrial Arts Careers (.5-6) .5,0
(.5-6, 0) Students will explore the requirements, expectations, and outlooks for different careers in industrial arts. Students will work on modules in academic success, career awareness, and career development while developing the basic academic and soft skills necessary for success in a manufacturing program of study. Self-assessment and review of skills will assist students with planning a path toward long and short-term goals. Course is repeatable three times to 24 credits. (1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Co-enrollment in an approved adult education course and departmental consent.
Semester(s) Offered: Varies

ABE 055 Intro to Industrial Arts Careers (.5-6) .5,0
(.5-6, 0) Students will explore the requirements, expectations, and outlook for different careers in industrial arts. Students will work on modules in academic success, career awareness, and career development while developing the basic academic and soft skills necessary for success in a manufacturing program of study. Self-assessment and review of skills will assist students with planning a path toward their short term and long term goals. Course is repeatable three times to 24 credits. (1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Co-enrollment in an approved adult education course and departmental consent.
Semester(s) Offered: Varies

ABE 060 Contextualized Beginning ABE (.5-6) .5,0
(.5-6, 0) Students will gain the academic skills, occupational knowledge, and communication skills necessary for successful transition to study in their chosen career field. Instruction will include study skills and career self-assessment. (1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test and departmental consent.
Semester(s) Offered: Varies

ABE 061 Contextualized Intermediate ABE (.5-6) .5,0
(.5-6, 0) Students will gain the academic skills, occupational knowledge, and communication skills necessary for successful transition to study in their chosen career field. Instruction will include study skills and career self-assessment. Repeatable to 24 credits. (1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test and departmental consent.
Semester(s) Offered: Varies

ABE 070 Thriving in the Workplace (.5-6) .5,0
(.5-6, 0) Students will gain the necessary attitudes, behaviors, and skills required by employers to be successful in the workplace. Course is repeatable three times. (1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test and departmental consent.
Semester(s) Offered: Varies

ABE 071 Thriving in the Workplace (.5-6) .5,0
(.5-6, 0) Students will gain the necessary attitudes, behaviors, and skills required by employers to be successful in the workplace. Course is repeatable three times. (1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test and departmental consent.
Semester(s) Offered: Varies
Adult Basic & Secondary Edu (AMT)

AMT 010 Beginning Math Literacy I (.5-6) .5,0
(.5-6, 0) A basic math course with the emphasis on developing number concepts and the addition and subtraction of whole numbers and decimals. The content also includes place value, time concepts, shape identification, and linear measurement. (1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Fall, Spring and Summer

AMT 020 Beginning Math Basic Education II (.5-6) .5,0
(.5-6, 0) A basic math course focusing on the four operations of whole numbers and decimals as well as the critical thinking skills to solve these problems. The content also includes an understanding of fractions and geometry in relation to perimeter and area. (1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Fall, Spring and Summer

AMT 030 Low Intermediate Math Basic Educ III (.5-6) .5,0
(.5-6, 0) A basic math course with the emphasis on fractions, measurement, graphs. The course content includes an understanding of the coordinate plane, angles and lines as well as area and perimeter of various geometrical shapes. (1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Fall, Spring and Summer

AMT 040 High Intermediate Math Basic Educ IV A (.5-6) .5,0
(.5-6, 0) A basic math course emphasizing the concepts of ratios and proportions, percent and solving equations. The course content also includes defining and evaluating functions. (1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Fall, Spring and Summer

AMT 045 High Intermediate Math Basic Educ IV B (.5-6) .5,0
(.5-6, 0) A basic math course emphasizing geometry including surface area, volume, and Pythagorean Theorem. The course content also includes data analysis and probability. (1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Varies

AMT 050 Low ASE Math V A (.5-6) .5,0
(.5-6, 0) A math course emphasizing algebraic expressions, equations, polynomials, inequalities and functions. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Fall, Spring and Summer

AMT 051 Low ASE Math V A in Spanish (.5-6) .5,0
(.5-6, 0) A math course emphasizing algebraic expressions, equations, polynomials, inequalities and functions. Course will be taught in Spanish. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Fall, Spring and Summer

AMT 055 Low ASE Math V B (.5-6) .5,0
(.5-6, 0) A math course emphasizing geometry to include properties of angles, slopes, circles and volume. This course also includes the basics of statistics and probability. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Varies

AMT 056 Low ASE Math V B in Spanish (.5-6) .5,0
(.5-6, 0) A math course emphasizing geometry to include properties of angles, slopes, circles and volume. Course will be taught in Spanish. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Varies
AMT 060 High ASE Math VI (.5-6) .5,0
(.5-6, 0) A math course designed to cover a combination of intermediate algebra and geometry. The content will also include basic trigonometry as well as rules for probability. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Fall, Spring and Summer

AMT 061 High ASE Math VI in Spanish (.5-6) .5,0
(.5-6, 0) A math course designed to cover a combination of intermediate algebra and geometry. The content will also include basic trigonometry as well as rules for probability. Course will be taught in Spanish. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Fall, Spring and Summer

Adult Basic & Secondary Edu (ARW)

ARW 010 Beginning Reading/Writing Literacy I (.5-6) .5,0
(.5-6, 0) A basic course in reading for the fundamentals of fluency, vocabulary acquisition and comprehension. Writing will encompass a range of task, purpose and audience. The emphasis on writing will include discipline-specific tasks requiring the mastery of eight basic parts of speech. Students will learn to extract content-based evidence by analyzing arguments and organizing and gathering evidence found in source text. (1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Fall, Spring and Summer

ARW 020 Beginning Reading/Writing Basic Educ II (.5-6) .5,0
(.5-6, 0) A basic course in reading for the fundamentals of fluency, vocabulary acquisition and comprehension in literature and informational texts. Knowledge gained from reading will be integrated to actual practice in simplistic writing of Standard English grammar. (1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Fall, Spring and Summer

ARW 030 Low Inter Reading/Writing Basic Educ III (.5-6) .5,0
(.5-6, 0) A basic course in reading for the fundamentals of fluency, vocabulary acquisition and comprehension in literature and informational texts. The focus of reading will explore a range of texts and tasks. Knowledge gained from reading will be integrated in paragraph writing that encompasses a range of task, purpose and audience. (1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Fall, Spring and Summer

ARW 040 High Inter Reading/Writing Basic Educ IV (.5-6) .5,0
(.5-6, 0) A basic course in reading for the fundamentals of fluency, vocabulary acquisition and comprehension in literature, and informational texts-History/Social Studies, Science/Technical Subjects, Functional/Workplace Skills. The focus of reading will explore a range of texts and tasks. Knowledge gained from reading will be integrated in paragraph writing that encompasses a range of task, purpose and audience. Writing will emphasize on discipline-specific tasks requiring the mastery of complex sentence structures utilizing the eight basic parts of speech. (1.7) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Fall, Spring and Summer

ARW 050 Low ASE Reading/Writ Content Area V (.5-6) .5,0
(.5-6, 0) A course in reading development for content-specific vocabulary acquisition, comprehension in literature, and source texts-History/Social Studies, Science/Technical Subjects, Functional/Workplace Skills. Knowledge gained from reading will be integrated in passage writing that encompasses a range of tasks, purpose and audience. The emphasis on writing will include discipline-specific tasks requiring the mastery of complex sentence structures utilizing the eight basic parts of speech. Students will learn to extract content-based evidence by analyzing arguments and organizing and gathering evidence found in source text. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Fall, Spring and Summer
ARW 051 Low ASE Read/Writ Content Area V Span (.5-6) .5,0 (.5-6, 0) A course in reading development for content-specific vocabulary acquisition, comprehension in literature, and source texts-History/Social Studies, Science/Technical Subjects, Functional/Workplace Skills. Knowledge gained from reading will be integrated in passage writing that encompasses a range of tasks, purpose and audience. The emphasis on writing will include discipline-specific tasks requiring the mastery of complex sentence structures utilizing the eight basic parts of speech. Students will learn to extract content-based evidence by analyzing arguments and organizing and gathering evidence found in source text. Course will be taught in Spanish. (1.8) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.

Semester(s) Offered: Fall, Spring and Summer

ARW 060 HI ASE Reading/Writ Content Area VI (.5-6) .5,0 (.5-6, 0) A course in reading development for content-specific vocabulary acquisition, comprehension in literature, and source texts-History/Social Studies, Science/Technical Subjects, Functional/Workplace Skills. Knowledge gained from reading will be integrated in passage writing that encompasses a range of tasks, purpose and audience. Students will refine literacy skills to extract content-based evidence by analyzing, organizing and gathering evidence found in source text. (1.8) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.

Semester(s) Offered: Fall, Spring and Summer

ARW 061 HI ASE Read/Writ Content Area VI Span (.5-6) .5,0 (.5-6, 0) A course in reading development for content-specific vocabulary acquisition, comprehension in literature, and source texts-History/Social Studies, Science/Technical Subjects, Functional/Workplace Skills. Knowledge gained from reading will be integrated in passage writing that encompasses a range of tasks, purpose and audience. Students will refine literacy skills to extract content-based evidence by analyzing, organizing and gathering evidence found in source text. Course will be taught in Spanish. (1.8) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.

Semester(s) Offered: Fall, Spring and Summer

Adult Secondary Education (ASE)

These classes are pre-college-level courses designed for adults with a reading and/or math level between 9th-12th grades. ASE classes are designed to assist adults in obtaining the skills necessary for employment and self-sufficiency and to prepare students to pass one of three nationally accepted High School Equivalency tests (GED®, HiSET®, or TASC ™).

To be eligible to enroll in ASE classes, you must be at least 16 years of age. You cannot also be enrolled in high school. Individuals less than 18 years old will be required to provide documentation showing that they are not enrolled or required to be enrolled in high school under state law.

All classes are offered free of charge to eligible students. Some courses are offered in Spanish (see course descriptions). Registration takes place in Building K. Students must take placement testing and attend an orientation to register in classes. Classes are offered at the college and other area locations. These courses are not applicable toward any associate degree or vocational certificate.

ASE 010 Ad Sec Ed 1 English Lang Learner (.5-6) .5,0 (.5-6, 0) This is a language preparation course for success in the community. Students will refine their oral skills while increasing their vocabulary throughout the course. They will learn to communicate in common community situations and use various forms of writing. Course is repeatable three times. (1.8) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: A student must take an approved adult education test and score between 9.0-12.9 GLE on the TABE test, be a non-native speaker of English who needs to work on basic skills, and receive departmental consent.

Semester(s) Offered: Fall, Spring and Summer

ASE 020 Ad Sec Ed 11 English Lang Learner (.5-6) .5,0 (.5-6, 0) This course is for English Language Learners (ELLs) testing between 9.0-12.9 GLE on the TABE test who have a foundation in English grammar and vocabulary and can show proficiency in expressing everyday needs. At this level, students will begin to develop the essential skills and general knowledge needed to become career and college ready. Students will learn to complete authentic forms, write short notes, and compose short paragraphs; develop critical reading skills as they read short written works; improve their speaking and listening skills in different contexts; use technology to access and develop different types of texts; and incorporate basic math skills in contextualized settings. Course is repeatable three times. (1.8) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Student must be a non-native speaker of English who needs to improve English language skills either for career or academic purposes. A placement test and departmental consent are required. Students on certain types of visas may not qualify for the program.

Semester(s) Offered: Fall, Spring and Summer
ASE 023 Ad Sec Ed 12 English Lang Learner (.5-6)  .5,0
(5,6, 0) This course is for English Language Learners (ELLs) testing between 9.0-12.9 GLE on the TABE test who have basic career and college readiness skills but who need to refine and expand upon these skills in order to become successful in academic or workplace settings. Students will learn how to complete complex forms, write work-related letters and emails, and compose longer, more detailed paragraphs; further develop critical reading skills as they read complex High Intermediate texts; improve oral communication skills including close listening and the ability to use examples and details to clarify meaning; use technology to access, develop, and analyze different types of texts; and incorporate essential math skills in contextualized settings. (1.8) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Student must be a non-native speaker of English who needs to improve English language skills either for career or academic purposes. A placement test and departmental consent are required. Students on certain types of visas may not qualify for the program.

Semester(s) Offered: Fall, Spring and Summer

ASE 026 Ad Sec Ed 13 English Lang Learner (.5-6)  .5,0
(5,6, 0) This course is for English Language Learners (ELLs) testing between 9.0-12.9 GLE on the TABE test who have intermediary career and college readiness skills but who need to refine and expand upon these skills in order to become successful in academic or workplace settings. Students will learn how to complete complex applications, write work-related letters and formal emails, and compose well-formulated detailed paragraphs; further develop critical reading skills as they read more complex High Intermediate texts; improve oral communication skills including close listening and the ability to elaborate on a topic; use technology to access, develop, analyze, and evaluate different types of texts; and apply multistep math skills in contextualized settings. (1.8) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Student must be a non-native speaker of English who needs to improve English language skills either for career or academic purposes. A placement test and departmental consent are required. Students on certain types of visas may not qualify for the program.

Semester(s) Offered: Fall, Spring and Summer

ASE 030 Ad Sec Ed 21 English Lang Learner (.5-6)  .5,0
(5,6, 0) This course is for English Language Learners (ELLs) testing between a 9-12.9 GLE on the TABE who do not have English as their first language but want to pursue academic college courses. At this level, students will work to achieve writing proficiency while expanding vocabulary and building grammar skills as they write short, logical essays, memos, and e-mails. They will develop critical reading skills through independent reading, guided practice, and class discussion as they read a wide variety of advanced materials. Students will strengthen their speaking and listening skills through extensive practice in a variety of contexts and classroom discussions. Course is repeatable three times.

(1.8) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Student must be a non-native speaker of English who needs to improve English language skills either for career or academic purposes. A placement test and departmental consent are required. Students on certain types of visas may not qualify for the program.

Semester(s) Offered: Fall, Spring and Summer

ASE 033 Ad Sec Ed 22 English Lang Learner (.5-6)  .5,0
(5,6, 0) This course is for English Language Learners (ELLs) testing between a 9-12.9 GLE on the TABE who do not have English as their first language but want to pursue academic college courses. At this level, students will work to achieve writing proficiency while expanding vocabulary and building grammar skills as they write logical multi-paragraph essays using comparison/contrast. They will demonstrate mastery in formal letters. They will continue to develop critical reading skills through independent reading, guided practice, and class discussion as they read a variety of advanced materials. They will learn to access and utilize information from a variety of resources and reference materials including charts and graphs. Students will strengthen their speaking and listening skills through extensive practice in a variety of conversation contexts, collaborative learning activities, and classroom discussions. Students will also present short informal speeches. (1.8) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Student must be a non-native speaker of English who needs to improve English language skills either for career or academic purposes. A placement test and departmental consent are required. Students on certain types of visas may not qualify for the program.

Semester(s) Offered: Fall, Spring and Summer
ASE 036 Ad Sec Ed 23 English Lang Learner (.5-6) .5,0 (.5-6, 0) This course is for English Language Learners (ELLs) testing between a 9.0-12.9 GLE on the TABE who do not have English as their first language but want to pursue academic college courses. At this level, students will work to achieve proficiency in writing cause/effect multi-paragraph essays using adequate support and proper paragraph structure. They will continue to develop critical reading skills through independent reading, guided practice, and class discussion as they read a wide variety of advanced materials. They will learn to access and utilize information from a variety of resources and reference materials including charts and graphs. Students will strengthen their speaking and listening skills through extensive practice in a variety of conversation contexts, collaborative learning activities, and classroom discussions. Students will also present oral reports. (1.8) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $0 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Appropriate adult education placement test and departmental consent are required.

Semester(s) Offered: Fall, Spring and Summer

ASE 050 Introduction to Healthcare Professions (.5-6) .5,0 (.5-6, 0) This course will prepare adult education students to begin training for targeted healthcare career programs. Students will learn the responsibilities of different healthcare professions and the specific academic requirements to enter those fields. This includes how to prepare for the PSB-HOA (Healthcare Occupational Aptitude Test), which is a requirement for entry to many healthcare programs. The course will emphasize time management, study skills, and test taking strategies along with the teamwork and communication skills required in the healthcare workplace. The course will develop reading and writing skills using content that is contextualized for the healthcare professions. The course will provide opportunities to practice the digital literacy skills necessary for academic coursework. (1.8) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $0 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Appropriate adult education placement test and departmental consent are required.

Semester(s) Offered: Varies

ASE 052 Introduction to Early Childhood Educ Pro (.5-6) .5,0 (.5-6, 0) Students will gain knowledge of the career pathways and educational/vocational requirements in the field of Early Childhood Education. Through contextualized instruction, students will expand their oral and written skills, be introduced to legal and cultural issues in the field, and reflect on themselves as potential Early Childhood Education professionals. (1.9) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $0 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Co-enrollment in an approved adult education course and departmental consent.

Semester(s) Offered: Varies

ASE 056 Intro to Industrial Arts Careers (.5-6) .5,0 (.5-6, 0) This course is designed for students who are interested in manufacturing careers and are concurrently working to improve basic skills through enrollment in the adult secondary education program. Students will have a reading or math level between a 9.0 and 12.9 G.L.E. and will be lacking a high school diploma. A small number of ESL students may be served who have transitioned into the ABE program, have the equivalency of a high school diploma, but have limited English language skills. Students will explore the requirements, expectations, and outlook for different careers in industrial arts. Students will work on modules in academic success, career awareness, and career development while developing the basic academic and soft skills necessary for success in a manufacturing program of study. Self-assessment and review of skills will assist students with planning a path toward their short term and long term goals. Course is repeatable three times to 24 credits. (1.8) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $0 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Co-enrollment in an approved adult education course and departmental consent.

Semester(s) Offered: Varies

ASE 062 Contextualized ASE (.5-6) .5,0 (.5-6, 0) Students will gain the academic skills, occupational knowledge, and communication skills necessary for successful transition to study in their chosen career field. Instruction will include study skills and career self-assessment. (1.8) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $0 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Appropriate adult education placement test and departmental consent.

Semester(s) Offered: Varies

ASE 072 Thriving in the Workplace (.5-6) .5,0 (.5-6, 0) Students will gain the necessary attitudes, behaviors, and skills required by employers to be successful in the workplace. (1.8) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $0 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Appropriate adult education placement test and departmental consent.

Semester(s) Offered: Varies
ASE 097 GED Review in Spanish (.5-6) .5,0
The General Educational Development (GED) Review in Spanish prepares Spanish-speaking adults to pass the state high school equivalency exams: Language Arts: Reading, Language Arts: Writing, Social Studies, Science and Math. Government age specifications must be met for GED testing. The course is repeatable up to 24 credits. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test score. No U.S high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Varies

ASE 099 GED Review (.5-6) .5,0
The General Educational Development (GED) Review class prepares adults to pass the state high school diploma equivalency exams: Language Arts: Reading, Language Arts: Writing, Social Studies, Science; and Math. Government age specifications must be met for GED testing. Course is repeatable up to 24 credits. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test score. No U.S high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Fall, Spring and Summer

AMT 050 Low ASE Math V A (.5-6) .5,0
(.5-6, 0) A math course emphasizing algebraic expressions, equations, polynomials, inequalities and functions. Course will be taught in Spanish. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test score. No U.S high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Fall, Spring and Summer

AMT 055 Low ASE Math V B (.5-6) .5,0
(.5-6, 0) A math course emphasizing geometry to include properties of angles, slopes, circles and volume. This course also includes the basics of statistics and probability. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test score. No U.S high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Varies

AMT 056 Low ASE Math V B in Spanish (.5-6) .5,0
(.5-6, 0) A math course emphasizing geometry to include properties of angles, slopes, circles and volume. This course also includes the basics of statistics and probability. Course will be taught in Spanish. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test score. No U.S high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Varies

AMT 060 High ASE Math VI (.5-6) .5,0
(.5-6, 0) A math course designed to cover a combination of intermediate algebra and geometry. The content will also include basic trigonometry as well as rules for probability. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test score. No U.S high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Fall, Spring and Summer

AMT 061 High ASE Math VI in Spanish (.5-6) .5,0
(.5-6, 0) A math course designed to cover a combination of intermediate algebra and geometry. The content will also include basic trigonometry as well as rules for probability. Course will be taught in Spanish. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test score. No U.S high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Fall, Spring and Summer
ARW 050 Low ASE Reading/Writ Content Area V (.5-6)  .5,0
(.5-6, 0) A course in reading development for content-specific vocabulary acquisition, comprehension in literature, and source texts-History/Social Studies, Science/Technical Subjects, Functional/Workplace Skills. Knowledge gained from reading will be integrated in passage writing that encompasses a range of tasks, purpose and audience. Students will learn to extract content-based evidence by analyzing arguments and organizing and gathering evidence found in source text. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Fall, Spring and Summer

ARW 051 Low ASE Read/Writ Content Area V Span (.5-6)  .5,0
(.5-6, 0) A course in reading development for content-specific vocabulary acquisition, comprehension in literature, and source texts-History/Social Studies, Science/Technical Subjects, Functional/Workplace Skills. Knowledge gained from reading will be integrated in passage writing that encompasses a range of tasks, purpose and audience. The emphasis on writing will include discipline-specific tasks requiring the mastery of complex sentence structures utilizing the eight basic parts of speech. Students will learn to extract content-based evidence by analyzing arguments and organizing and gathering evidence found in source text. Course will be taught in Spanish. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Fall, Spring and Summer

ARW 060 HI ASE Reading/Writ Content Area VI (.5-6)  .5,0
(.5-6, 0) A course in reading development for content-specific vocabulary acquisition, comprehension in literature, and source texts-History/Social Studies, Science/Technical Subjects, Functional/Workplace Skills. Knowledge gained from reading will be integrated in passage writing that encompasses a range of tasks, purpose and audience. Students will refine literacy skills to extract content-based evidence by analyzing, organizing and gathering evidence found in source text. Course will be taught in Spanish. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Fall, Spring and Summer

ARW 061 Hi ASE Read/Writ Content Area VI Span (.5-6)  .5,0
(.5-6, 0) A course in reading development for content-specific vocabulary acquisition, comprehension in literature, and source texts-History/Social Studies, Science/Technical Subjects, Functional/Workplace Skills. Knowledge gained from reading will be integrated in passage writing that encompasses a range of tasks, purpose and audience. Students will refine literacy skills to extract content-based evidence by analyzing, organizing and gathering evidence found in source text. Course will be taught in Spanish. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Appropriate adult education placement test score. No U.S. high school diploma or U.S. high school equivalency certificate.
Semester(s) Offered: Fall, Spring and Summer

ASE 010 Ad Sec Ed 1 English Lang Learner (.5-6)  .5,0
(.5-6, 0) This is a language preparation course for success in the community. Students will refine their oral skills while increasing their vocabulary throughout the course. They will learn to communicate in common community situations and use various forms of writing. Course is repeatable three times. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: A student must take an approved adult education test and score between 9.0-12.9 GLE on the TABE test, be a non-native speaker of English who needs to work on basic skills, and receive departmental consent.
Semester(s) Offered: Fall, Spring and Summer

ASE 020 Ad Sec Ed 11 English Lang Learner (.5-6)  .5,0
(.5-6, 0) This course is for English Language Learners (ELLs) testing between 9.0-12.9 GLE on the TABE test who have a foundation in English grammar and vocabulary and can show proficiency in expressing everyday needs. At this level, students will begin to develop the essential skills and general knowledge needed to become career and college ready. Students will learn to complete authentic forms, write short notes, and compose short paragraphs; develop critical reading skills as they read short written works; improve their speaking and listening skills in different contexts; use technology to access and develop different types of texts; and incorporate basic math skills in contextualized settings. Course is repeatable three times. (1.8) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Student must be a non-native speaker of English who needs to improve English language skills either for career or academic purposes. A placement test and departmental consent are required. Students on certain types of visas may not qualify for the program.
Semester(s) Offered: Fall, Spring and Summer
ASE 023 Ad Sec Ed 12 English Lang Learner (.5-6)  .5,0
(.5-6, 0) This course is for English Language Learners (ELLs) testing between 9.0-12.9 GLE on the TABE test who have basic career and college readiness skills but who need to refine and expand upon these skills in order to become successful in academic or workplace settings. Students will learn how to complete complex forms, write work-related letters and emails, and compose longer, more detailed paragraphs; further develop critical reading skills as they read complex High Intermediate texts; improve oral communication skills including close listening and the ability to use examples and details to clarify meaning; use technology to access, develop, and analyze different types of texts; and incorporate essential math skills in contextualized settings. (1.8) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $0 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Student must be a non-native speaker of English who needs to improve English language skills either for career or academic purposes. A placement test and departmental consent are required. Students on certain types of visas may not qualify for the program.

Semester(s) Offered: Fall, Spring and Summer

ASE 026 Ad Sec Ed 13 English Lang Learner (.5-6)  .5,0
(.5-6, 0) This course is for English Language Learners (ELLs) testing between 9.0-12.9 GLE on the TABE test who have intermediate career and college readiness skills but who need to refine and expand upon these skills in order to become successful in academic or workplace settings. Students will learn how to complete complex applications, write work-related letters and formal emails, and compose well-structured detailed paragraphs; further develop critical reading skills as they read more complex High Intermediate texts; improve oral communication skills including close listening and the ability to elaborate on a topic; use technology to access, develop, analyze, and evaluate different types of texts; and apply multistep math skills in contextualized settings. (1.8) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $0 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Student must be a non-native speaker of English who needs to improve English language skills either for career or academic purposes. A placement test and departmental consent are required. Students on certain types of visas may not qualify for the program.

Semester(s) Offered: Fall, Spring and Summer

ASE 030 Ad Sec Ed 21 English Lang Learner (.5-6)  .5,0
(.5-6, 0) This course is for English Language Learners (ELLs) testing between a 9-12.9 GLE on the TABE who do not have English as their first language but want to pursue academic college courses. At this level, students will work to achieve writing proficiency while expanding vocabulary and building grammar skills as they write short, logical essays, memos, and e-mails. They will develop critical reading skills through independent reading, guided practice, and class discussion as they read a wide variety of advanced materials. Students will strengthen their speaking and listening skills through extensive practice in a variety of contexts and classroom discussions. Course is repeatable three times. (1.8) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $0 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Student must be a non-native speaker of English who needs to improve English language skills either for career or academic purposes. A placement test and departmental consent are required. Students on certain types of visas may not qualify for the program.

Semester(s) Offered: Fall, Spring and Summer

ASE 033 Ad Sec Ed 22 English Lang Learner (.5-6)  .5,0
(.5-6, 0) This course is for English Language Learners (ELLs) testing between a 9-12.9 GLE on the TABE who do not have English as their first language but want to pursue academic college courses. At this level, students will work to achieve writing proficiency while expanding vocabulary and building grammar skills as they write logical multi-paragraph essays using comparison/contrast. They will demonstrate mastery in formal letters. They will continue to develop critical reading skills through independent reading, guided practice, and class discussion as they read a variety of advanced materials. They will learn to access and utilize information from a variety of resources and reference materials including charts and graphs. Students will strengthen their speaking and listening skills through extensive practice in a variety of conversation contexts, collaborative learning activities, and classroom discussions. Students will also present short informal speeches. (1.8) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $0 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Student must be a non-native speaker of English who needs to improve English language skills either for career or academic purposes. A placement test and departmental consent are required. Students on certain types of visas may not qualify for the program.

Semester(s) Offered: Fall, Spring and Summer
ASE 036 Ad Sec Ed 23 English Lang Learner (.5-6) (.5-6, 0) This course is for English Language Learners (ELLs) testing between a 9.0-12.9 GLE on the TABE who do not have English as their first language but want to pursue academic college courses. At this level, students will work to achieve proficiency in writing cause/effect multi-paragraph essays using adequate support and proper paragraph structure. They will continue to develop critical reading skills through independent reading, guided practice, and class discussion as they read a wide variety of advanced materials. They will learn to access and utilize information from a variety of resources and reference materials including charts and graphs. Students will strengthen their speaking and listening skills through extensive practice in a variety of conversation contexts, collaborative learning activities, and classroom discussions. Students will also present oral reports. (1.8) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Student must be a non-native speaker of English who needs to improve English language skills either for career or academic purposes. A placement test and departmental consent are required. Students on certain types of visas may not qualify for the program.
Semester(s) Offered: Fall, Spring and Summer

Advanced Medical Imaging (AMI)

SPECIAL NOTE: For more information on ECC’s advanced imaging programs, go to elgin.edu/medicalimaging (https://elgin.edu/academics/departments/medical-imaging/).

A criminal background check and drug test MAY be required prior to enrollment.

AMI 102 Patient Care and Safety (2) 1,2
Patient Care & Safety provides the student with patient care knowledge and skills related to specialized imaging procedures. The roles of the MR and CT technologists are defined as well as behavioral standards, and ethics and law related to the position. Medical records management concerns, including privacy and regulatory issues, are examined. This course will provide the student with patient assessment skills as it relates to advanced imaging procedures, a review of infection control and special considerations within these imaging environments. Contrast pharmacology, the theory and practice of basic techniques of venipuncture and administering diagnostic contrast agents and/or intravenous medications will be discussed. Course content will provide basic emergency medicine and management of medical emergencies related to adverse contrast reactions. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available
www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography/.

In-District Tuition/Fees: $393 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Acceptance in to the Computed Tomography Imaging or the Magnetic Resonance Imaging program
Semester(s) Offered: Fall
AMI 110 Advanced Sectional Anatomy I (2)  1,2
Advanced Sectional Anatomy I will enhance the student’s knowledge of gross radiographic anatomy through the observation of the human body from multiple orthogonal planes. The following anatomical regions of interest included in this course are: brain, face, neck, spine, upper and lower musculoskeletal regions. This course also familiarizes the student with the common pathologies found in magnetic resonance imaging and computed tomography through the appearance of normal and abnormal pathologies in various imaging planes. Pathological and traumatic disease processes associated with the skeletal, endocrine, and hematopoietic systems will be discussed to help the student identify these disease processes in common practice and make the associated imaging changes required to adequately demonstrate the patient’s anatomy and pathology. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Acceptance in to the Computed Tomography Imaging or the Magnetic Resonance Imaging program

Semester(s) Offered: Fall

AMI 210 Advanced Sectional Anatomy II (2)  1,2
Advanced Sectional Anatomy II is the secondary anatomy and pathology course. It will further enhance the student’s knowledge of gross radiographic anatomy and increase understanding of this anatomy through the observation from a three-dimensional perspective. The student will be introduced to gross anatomy from a cross-sectional perspective including the following regions/systems: thorax, abdomen and pelvis. Pathological and traumatic disease processes associated with the respiratory, cardiovascular, abdomen, gastrointestinal, hepatobiliary, urinary, and reproductive systems. Anatomical structures and the plane that best demonstrates anatomy are discussed as well as signal characteristics of normal and abnormal structures will be discussed. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in AMI 110

Semester(s) Offered: Spring

Anthropology/Archeology (ATR)

ATR 120 Introduction to Anthropology, ATR 210 General Prehistoric Archeology, ATR 220 Cultural Anthropology, and ATR 250 Human Evolution fulfill the behavioral sciences requirement for the Associate in Arts, Associate in Science, Associate in Fine Arts, and Associate in Engineering degrees.

All ATR courses numbered 100 and above may be used to fulfill the behavioral science requirements for the Associate in Liberal Studies and Associate of Applied Science degrees.

All ATR courses numbered 100 and above may also be applied to the major field and electives requirement in the AA and AS degrees.

Selected archeology classes and archeological digs are sponsored in cooperation with Midwest Archeological Services.
ATR 120 Introduction to Anthropology (3) 3.0
This course introduces the student to the four subfields of anthropology: biological (physical) anthropology, cultural anthropology, archeology and anthropological linguistics. The fundamental theme uniting the subfields is the search for understanding human diversity and the central role that culture plays in human society. The relationship between human biology and human culture is explored, as well as the variation that exists in human societies of all types. Major topics are: evolution of modern humans, our ecological adaptations, social organization and global relationships. (1.1) Fulfills the ECC/IAI General Education/Behavioral Sciences requirement. IAI Course Number: S1 900N Proficiency Credit Available (3 C) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.+ Semester(s) Offered: Fall, Spring and Summer

ATR 210 General Prehistoric Archeology (3) 3.0
An in-depth exposure to the concepts, principles, and methods employed by archeologists and cultural anthropologists in the reconstruction of culture history and prehistory. Illustrations from world prehistory will be used to establish familiarity with sequences of cultural development that have been learned through archeological analysis. (1.1) Fulfills the ECC/IAI General Education/Behavioral Sciences requirement. IAI Course Number: S1 903 Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.+ Semester(s) Offered: Fall, Spring and Summer

ATR 220 Cultural Anthropology (3) 3.0
This course introduces students to the diversity of human culture and presents a framework for understanding its differences. Culture, as the adaptive mechanism which provides for survival of the human species, is presented as an ever-changing expression of human values, behavior and social organization. (1.1) Fulfills the ECC/IAI General Education/Behavioral Sciences requirement. IAI Course Number: S1 901N Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.+ Semester(s) Offered: Spring and Summer

ATR 230 Field Archeology (1-3) 1.6
The course will introduce students to methods of archeological excavation and survey of prehistoric and historic sites. Students will also explore mapping procedures as they identify and document basic artifacts discovered at the field site. Throughout the course, students will explore Midwest cultural history as they situate the artifacts within the proper time period/context. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.+ Semester(s) Offered: Summer

ATR 235 Laboratory Methods in Archeology (1-3) 1.6
This class, students will be introduced to the post-excavation phases of archeological research. Classes of artifacts and debris will be discussed. Methods and theories concerning their analysis will be examined in an historical perspective. In addition, students will be given the opportunity to work with actual material from archeological sites. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.+ Semester(s) Offered: Summer

ATR 240 Topics in Anthropology (3) 3.0
The course is designed to accommodate a wide range of special topics in anthropology. Course topics will focus on specific geographical areas, theoretical scopes, thematic concentrations and/or specific problems in archeology, cultural anthropology or biological anthropology and develop them in greater detail than would be possible as part of other courses. Repeatable to 12 credits. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $456 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: ATR 120 or consent of instructor Semester(s) Offered: Varies
ATR 250 Human Evolution (3) 3.0
Human evolution introduces students to the basics of evolutionary theory in both its historical and contemporary contexts as well as the role of genetics in increasing variation in nature including how closely related humans are to other primates. Several topics will be examined including evidence illustrating how the environment and technology have interacted with biological makeup to change the course of human history and changes and adaptations in modern human populations. (1.1) Fulfills the ECC/IAI General Education/Behavioral Sciences requirement. IAI Course Number: S1 902 Proficiency Credit Not Available Pass/No Credit Not Available. In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Math: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.
Semester(s) Offered: Fall and Spring

Applied Physical Science (APS)

APS 101 Earth Science and APS 111 Applied Physical Science fulfill both the physical sciences requirement and the lab science requirement for the Associate in Arts, Associate in Science, and Associate in Fine Arts degrees.

APS 101 Earth Science and APS 111 Applied Physical Science may be used to fulfill the lab science requirement for the Associate in Liberal Studies degree.

All APS courses may be used to fulfill the math/science requirement for the Associate of Applied Science degree.

All APS courses may also be applied to the major field and elective requirement in the AA and AS degrees.

APS 101 Earth Science (4) 3.2
A holistic physical science approach to the study of earth science using basic chemical and physical science principles. The course will be a nonquantitative survey of astronomy, oceanography, meteorology and geology. (1.1) Fulfills the ECC/IAI General Education/Physical Sciences requirement. IAI Course Number P1 905L Proficiency Credit Not Available Pass/No Credit Not Available. In-District Tuition/Fees: $573 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria.
Semester(s) Offered: Fall, Spring and Summer

APS 111 Applied Physical Science (4) 3.2
^ General course dealing with fundamentals of physical science using lectures, demonstrations and laboratory exercises. Emphasis is on physics, chemistry, and earth science topics that relate to everyday life and current events/issues. This is a survey course and it is not intended for science majors. (1.1) Fulfills the ECC/IAI General Education/Physical Sciences requirement. IAI Course Number P9 900L Proficiency Credit Available Pass/No Credit Available.
In-District Tuition/Fees: $573 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Math: Grade of C or better in MTH 095 or MTH 096, or satisfaction of other placement criteria.
Semester(s) Offered: Fall and Spring

APS 290 Physical Science: Special Topics (1-3) 1.0
(0-3, 0-5) Designed to satisfy specific needs of students and the community. The following guidelines are to be used in selecting topics: 1) adequate and available materials on special topics and 2) course will increase skills and knowledge of physical science (chemistry, physics, geology, and physical geography.) (1.1) Proficiency Credit Available (2 T) Pass/No Credit Available. In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria.
Semester(s) Offered: Varies

Art (ART)

ART 115 Art Appreciation, ART 130 Art of Film, ART 151 History of Art I, ART 154 Survey of Non-Western Art, and ART 155 History of Photography may be used to fulfill the fine arts requirement for the Associate in Arts, Associate in Science, and Associate in Engineering Science degrees.

ART 115 Art Appreciation, ART 130 Art of Film, ART 151 History of Art I, ART 152 History of Art II, ART 154 Survey of Non-Western Art, and ART 155 History of Photography may be used to fulfill the liberal education requirement for the Associate of Applied Science degree.

All ART courses numbered 100 and above may also be applied to the major field and elective requirement for the AA and the AS degrees.

It is highly recommended that any student pursuing an AA degree or an AFA degree with a major in art take ART 101 Drawing I, ART 102 Drawing II, ART 109 Design I, and ART 110 Design II during the first year of study.

ECC reserves the right to exhibit any student work produced in art classes and to reproduce this work in any and all college publications.
ART 101 Drawing I (3) 0.6
An introduction to the fundamental concepts and techniques of drawing using a variety of black and white media. Includes drawing from observation and invention leading to an interpretation and evaluative approach to drawing. Emphasis on descriptive drawing techniques from geometric and organic objects. Course includes vocabulary development, critical analysis activities, and reference to historic models of drawing. (1.1) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $446 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

ART 102 Drawing II (3) 0.6
This course builds on and refines the experiences of Drawing I focusing on a variety of color media. Emphasis is on invention and formal concerns. Exploration into abstraction, non-objection and fabricated image making are covered in this class. Course includes vocabulary development, critical analysis activities, and reference to historic models of drawing. (1.1) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $466 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in ART 101 or consent of instructor
Semester(s) Offered: Fall, Spring and Summer

ART 103 Sculpture I (3) 6
Simple sculpture construction with a major emphasis in design, contour and mass. The materials to be incorporated into visual ideas are plastic, wood, metal, clay and found objects. (1.1) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $476 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring

ART 104 Sculpture II (3) 0.6
Continuation of 103 Sculpture I with greater emphasis upon complex sculptural forms, such as contour and mass. Also you will work with different materials such as wood and bronze. (1.1) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $476 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: ART 103 or consent of instructor
Semester(s) Offered: Fall and Spring

ART 105 Ceramics I (3) 0.6
Techniques used in forming, decoration, glazing and firing of ceramics. Studio work in the exploration of the uses of clay in pottery making. (1.1) Proficiency Credit Available Pass/No Credit Available.
In-District Tuition/Fees: $506 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

ART 106 Ceramics II (3) 0.6
A continuation of Ceramics I with a more indepth study of the uses of clay as an art form by producing pottery or ceramic sculpture. Illustration of techniques used in forming, decorating, glazing and firing of ceramics. (1.1) Proficiency Credit Available Pass/No Credit Available.
In-District Tuition/Fees: $506 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: ART 105 or consent of instructor
Semester(s) Offered: Fall, Spring and Summer

ART 107 Painting I (3) 0.6
This course is an introduction to the basic painting techniques and color principles applied to the exploration of oil and/or acrylic painting media. (1.1) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $466 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

ART 108 Painting II (3) 0.6
This course involves intermediate problems in painting with an emphasis on individual expression based on historical as well as contemporary concerns and approaches in art. (1.1) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $466 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in ART 107
Semester(s) Offered: Fall, Spring and Summer

ART 109 Design I (3) 0.6
This course is a studio class exploring the fundamental of the formal systems and basic elements of visual organization through two-dimensional design principles and theories using a variety of media. (1.1) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $456 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

ART 110 Design II (3) 0.6
Emphasis is on the structure of three-dimensional form and space. An introduction of basic three-dimensional design processes and how these relate to artist's concepts. Three-dimensional design ideas will be formulated and visualized through practice and utilization of various media and techniques. Slide presentations, lecture demonstrations, discussions and critiques are included. A continuation of basic design elements and principles, as they apply to three-dimensional form is stressed. (1.1) Fall, Spring Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $476 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall
ART 111 Jewelry I (3) 0,6
Varied use of materials in making of jewelry; casting, building and soldering. Emphasis on design. Laboratory fee does not include cost of metal. (1.1) Proficiency Credit Available (2 EF) Pass/No Credit Not Available.
In-District Tuition/Fees: $476 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring

ART 111 Jewelry II (3) 0,6
Continuation of 111 Jewelry I with greater exploration of conceptual and technical problems. (1.1) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $476 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: ART 111 or consent of instructor
Semester(s) Offered: Fall and Spring

ART 113 Printmaking I (3) 0,6
This studio course introduces basic printmaking processes and equipment, with equal emphasis on concept and technique. Students are introduced to a variety of print media and methods, such as intaglio, relief, and monotype. Students develop and understanding of the medium and learn good studio habits; the safe and responsive handling of tools and materials; and the knowledge required for basic manipulation of the processes used production of a printed image. (1.1) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $476 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring

ART 114 Printmaking II (3) 0,6
This course further explores intaglio and relief printmaking, with an emphasis on color work and strengthening printing skills. Students learn techniques for producing color prints using single and multiple plate processes. A balanced outcome between technical and conceptual development is stressed in discussion and critiques. (1.1) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $476 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in ART 113
Semester(s) Offered: Fall and Spring

ART 115 Art Appreciation (3) 3,0
Introduction to the visual arts. Designed to instill in the student an understanding of art as an influential force in present-day living. Emphasis on contemporary painting, sculpture and architecture as well as environmental art. (1.1) Fulfills the ECC/IAI General Education/Fine Arts requirement. IAI Course Number: F2 900 Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $406 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.
Semester(s) Offered: Fall, Spring and Summer

ART 117 Screen Printing (3) 0,6
This course covers the fundamental techniques required to produce hand-pulled screen prints and the principles behind them. Students will learn a wide variety screen print methods with an emphasis on photographic emulsion techniques. Class will consist of lectures, demonstrations, critiques, and studio time. The course incorporates the history of screen print and its role as fine art, mass media, and commercial tool. Projects are designed to challenge students to consider their ideas within this specific medium and its context within printmaking and contemporary art. (1.1) Proficiency Credit Available (3 F) Pass/No Credit Not Available.
In-District Tuition/Fees: $471 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring

ART 120 Darkroom Photography I (3) 0,6
This course is an introduction to the art and mechanics of traditional black & white photography. Topics will include the use of a 35mm film SLR camera, the processing and printing of black & film, aesthetics, constructive critical discussion and the exploration of visual literacy. Over the course of the semester, the student will explore aesthetic and conceptual issues in the use of photography as a means of artistic production from both historical and contemporary models of thinking about the medium. Emphasis will be placed on using the photographic tools for personal expression, cultural observation and developing the student's individual artistic voice. (1.1) Proficiency Credit Available (2FE) Pass/No Credit Available SPECIAL NOTE: The manual film SLR cameras required in this course are provided for checkout.
In-District Tuition/Fees: $496 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring
ART 121 Color Photography (3) 0,6
This course is an intermediate-level photography course and is designed to increase the range and complexity of student’s photographic vision. The course includes an introduction to traditional color photographic processes, experimental darkroom techniques, further aesthetic and conceptual considerations, as well as the continued development of visual literacy. Emphasis will be placed on using the photographic tools for personal expression, cultural observation and developing the student’s artistic voice. Students must provide their own cameras. (1.1) Proficiency Credit Available (2 FE) Pass/No Credit Available.
In-District Tuition/Fees: $496 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: ART 120 or consent of instructor
Semester(s) Offered: Varies

ART 122 Digital Photography (3) 0,6
This course will serve as an introduction to digital image capture and editing. Students will learn the major functions of the digital camera, the flatbed scanner, and the Macintosh computer. The course will cover basic workflow management strategies with professional image management software. An emphasis is placed on the creative application of the tools and techniques covered. A digital SLR is preferred but not required. (1.1) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $496 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria.
Semester(s) Offered: Fall, Spring and Summer

ART 124 Darkroom Photography II (3) 0,6
This course concentrates on the further development of skills and techniques established in ART 120. Students will continue to work with film and wet chemistry while exploring larger film formats and pursuing more conceptual uses of the medium as it relates to contemporary practice in art photography. Topics will include the use of medium and large format cameras, advanced printing techniques, digital/analog integration, exposure control, and analog manipulations. Emphasis will be placed on using the photographic tools for personal expression, cultural observation and developing the student’s individual artistic voice. (1.1) Proficiency Credit Available (2 IF) Pass/No Credit Available.
In-District Tuition/Fees: $506 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in ART 120 or consent of instructor
Semester(s) Offered: Fall and Spring

ART 130 Art of Film (3) 3,0
Film as an art form, this course surveys the cinematic traditions contained within narrative, documentary and experimental forms. Students will develop a vocabulary related to cinematic practices and structures. They will examine how meaning is influenced in films by the use of cameras, editing, lighting, sound and acting. The impact of technological developments on film production will be explored. Film analysis will be augmented with major contributions to film theory. (1.1) Fulfills the ECC/IAI General Education/Fine Arts requirement. IAI Course Number: F2 908 Proficiency Credit Available (3 C) Pass/No Credit Not Available.
In-District Tuition/Fees: $406 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.
Semester(s) Offered: Fall and Spring

ART 151 History of Art I (3) 3,0
Historical analysis of painting, architecture, sculpture and other forms of the visual arts from prehistory to the Renaissance. (1.1) Fulfills the ECC/IAI General Education/Fine Arts requirement. IAI Course Number: F2 901 Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $406 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.
Semester(s) Offered: Fall and Spring

ART 152 History of Art II (3) 3,0
Historical analysis of art from the Renaissance to 1800 with major emphasis on architecture, painting and sculpture. (1.1) Fulfills the ECC/IAI General Education/Fine Arts requirement. IAI Course Number: F2 902 Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $406 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.
Semester(s) Offered: Fall and Spring

ART 154 Survey of Non-Western Art (3) 3,0
Survey of non-western art with emphasis on the historical cultures of Asia, Africa, Latin American and North America. (1.1) Fulfills the ECC/IAI General Education/Fine Arts requirement. IAI Course Number: F2 903N Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $406 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.
Semester(s) Offered: Varies
ART 155 History of Photography (3)  3.0
Historical survey of photography from 1839 to present, with major emphasis on the use of the medium as an art form. Examines the technical and aesthetic movement in the evolution of photography, while examining the impact of photography on culture and society. (1.1) Fulfills the ECC/IAI General Education/Fine Arts requirement. IAI Course Number: F2 904 Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $406 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria..+
Semester(s) Offered: Fall and Spring

ART 200 Topics in Art (1-3)  1.0
(0-3, 0-7.5) This course offers an in-depth exploration and analysis of a specific artistic area. Selected area may be one of the studio arts or from the history of art. Repeatable to 12 credits. (1.1) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $431 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Consent of instructor
Semester(s) Offered: Varies

ART 201 Life Drawing (3)  0.6
This course is an introduction to drawing the human figure using a variety of media. Drawings are derived from direct observation emphasizing descriptive drawing techniques of the human figure. Drawing activities should include full figure, features, and anatomical differentiation encompassing individual physiognomy. (1.1) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $506 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in ART 101
Semester(s) Offered: Fall and Spring

ART 216 Digital Manipulation (3)  0.6
This course is an introduction to the use of digital manipulation in the medium of photography and will consider the impact of technology on traditional methods of making photographic images as well as the effects on contemporary culture. Topics will include scanning of photographic film, digital capture, digital image management, digital collage techniques as well as aesthetic and conceptual issues within this evolving medium. Emphasis will be placed on using the tools for personal expression, cultural observation and developing the student’s individual artistic voice. Digital cameras are available for use by the course and students may additionally elect to purchase their own digital camera. (1.1) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $496 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in ART 122 or consent of instructor.
Semester(s) Offered: Fall and Spring

ART 217 Glass Fusing II (3)  0.6
A continuation of studio work in the exploration of 3-dimensional art forms though Kiln Formed Glass. Techniques can vary depending upon the individuals interests. This course will continue to explore the processes of Fused Glass or Kiln worked Glass. Further exploration into the processes of slumping, fusing, casting, sand blasting and lampworking with an emphasis on conceptual ideas. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $491 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: ART 216
Semester(s) Offered: Fall and Spring

ART 220 Digital Manipulation (3)  0.6
This course is an introduction to the use of digital manipulation in the medium of photography and will consider the impact of technology on traditional methods of making photographic images as well as the effects on contemporary culture. Topics will include scanning of photographic film, digital capture, digital image management, digital collage techniques as well as aesthetic and conceptual issues within this evolving medium. Emphasis will be placed on using the tools for personal expression, cultural observation and developing the student’s individual artistic voice. Digital cameras are available for use by the course and students may additionally elect to purchase their own digital camera. (1.1) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $496 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in ART 122 or consent of instructor.
Semester(s) Offered: Fall and Spring

ART 221 Studio & Location Lighting (3)  0.6
This course is an intermediate-level college photography course designed to instruct the student in the fundamentals of controlling and modifying light. To do this, we will explore artificial lighting in a controlled studio environment as well as out on location in the world. Over the course of the semester, the student will explore aesthetic and conceptual issues in the use of artificial lighting in photography from both historical and contemporary models of thinking about the medium. Emphasis will be placed on using the photographic tools for personal expression, cultural observation and developing the student's individual artistic voice. Students must provide their own cameras. (1.1) Proficiency Credit Available (2 FE) Pass/No Credit Not Available.
In-District Tuition/Fees: $496 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: ART 122 or consent of instructor
Semester(s) Offered: Varies
ART 231 Cinema History: Origins to WWII (3)  3.0
A survey of the development of cinema from its birth through the apex of the Hollywood studio system at the end of WWII. Major topics will include the international emergence of cinema, the ascent of film narratives, early movie stars, national cinemas in Germany, Russia and France, the introduction of sound and the classical period of Hollywood through WWII. Innovations in film practices and production that have significantly influenced cinema as an art form will be considered. (1.1) IAI General Education: F2 909 Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.
Semester(s) Offered: Fall

ART 232 Cinema History: post WWII to Digital (3)  3.0
A survey of the historical development of international cinema from Post WWII through the advent of digital production. Major topics will include the demise of the Hollywood Studio System, the emergence of Neo-Realism, New Wave auteur theories, Postwar cinema beyond the West, and the transformations of new media. Innovations in film practices that have significantly influenced cinema as an art form will be emphasized. (1.1) IAI General Education: F2 909 Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.
Semester(s) Offered: Fall, Spring and Summer

ART 238 3D ART (ART)  3,0
ART 299 Independent Study - 3D (3)  3.0
This course is intended for students who have completed coursework in 3D ART and wish to pursue advanced direct work in three-dimensional art. The student is to identify a special project and request advice and direction from the art faculty. The program will be carried out under the direction of one or more faculty members who will modify the proposal in accordance with departmental requirements for the credit involved. (1.1) Proficiency Credit: Not Available Pass/No Credit: Not Available.
In-District Tuition/Fees: $476 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Consent of Instructor.
Semester(s) Offered: Fall, Spring and Summer

ART 297 Independent Study in Art (1-3)  0.0
(1-3, 0) The student is to identify a special project and request advice and direction from the art faculty. The program will be carried out under the direction of one or more faculty members who will modify the proposal in accordance with departmental requirements for the credit involved. Repeatable to 12 credits. (1.1) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Consent of instructor
Semester(s) Offered: Fall, Spring and Summer

ART 298 Independent Study - Photography (3)  3.0
This course is intended for students who have completed coursework in Photography and wish to pursue advanced direct work in Photography and new media. The student is to identify a special project and request advice and direction from the art faculty. The program will be carried out under the direction of one or more faculty members who will modify the proposal in accordance with departmental requirements for the credit involved. (1.1) Proficiency Credit: Not Available Pass/No Credit: Not Available.
In-District Tuition/Fees: $496 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Consent of Instructor.
Semester(s) Offered: Fall, Spring and Summer

ART 299 Independent Study - 3D (3)  3.0
This course is intended for students who have completed coursework in 3D ART and wish to pursue advanced direct work in three-dimensional art. The student is to identify a special project and request advice and direction from the art faculty. The program will be carried out under the direction of one or more faculty members who will modify the proposal in accordance with departmental requirements for the credit involved. Proficiency Credit: Not Available Pass/No Credit: Not Available.
In-District Tuition/Fees: $491 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Consent of Instructor.
Semester(s) Offered: Fall, Spring and Summer
Astronomy (ATY)

ATY 100 Astronomy fulfills the physical sciences requirement for the Associate in Arts, Associate in Science, and Associate in Fine Arts degrees.

ATY 100 Astronomy may also be used to fulfill the science requirement for the Associate in Liberal Studies degree.

All ATY courses numbered 100 and above may be used to fulfill the science/math requirement for the Associate of Applied Science degree.

All ATY courses numbered 100 and above may also be applied to the major field and elective requirement for the AA and AS degrees.

ATY 100 Astronomy (3) 3,1
^ Non-math, introductory survey course related to the fundamentals of astronomy and space science. Emphasis is placed on star constellation identification, astronomical instruments and their use (practical astronomy), descriptive astronomy, elementary celestial mechanics and theoretical astronomy. (1.1) Fulfills the ECC/IAI General Education/Physical Sciences requirement. IAI Course Number P1 906 Proficiency Credit Available (2 LT) Pass/No Credit Not Available.

In-District Tuition/Fees: $411 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Math: Grade of C or better in MTH 095 or MTH 096, or satisfaction of other placement criteria.

Semester(s) Offered: Fall, Spring and Summer

ATY 101 Elementary Astronomy (3) 3,0
^ A non-mathematical survey of astronomical science, including extensive historical analysis, a descriptive treatment of the most recent discoveries involving planets, black holes, pulsars, and quasars. Includes discussion of recent hypotheses and evidence concerning the scientifically explained origin and evolution of stars and the universe itself. (1.1) IAI General Education: P1 906 Proficiency Credit Available (2 LT) Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Math: Grade of C or better in MTH 095 or MTH 096, or satisfaction of other placement criteria.

Semester(s) Offered: Fall, Spring and Summer

Automotive (AUT)

All AUT courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.

All repeatable AUT courses can be counted only once toward GPA and graduation.

AUT 100 Sml Eng Tune-Up, Ovhl and Diagnosis (4) 2,4
Live overhaul and tune-ups on major manufacturers’ engine types, both two and four cycle engines. Fuel systems, carburetion, governors and preventive maintenance procedures on small engines. (1.2) Proficiency Credit Available (3 LETSIR) Pass/No Credit Not Available.

In-District Tuition/Fees: $553 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: None

Semester(s) Offered: Varies

AUT 151 Automotive Engine Service & Repair (7) 5,4
A comprehensive course to provide knowledge in the operation and repair of the automotive engine. Classroom and hands-on experiences combine to provide skills in all areas of engine service, including engine disassembly, inspection, measurement, and reassembly. Training is also provided on machining practices common to the automotive engine. Topics include cylinder head valve guide and seat service, piston and cylinder service, crack detection and cleaning practices. Repeatable to 14 credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.

In-District Tuition/Fees: $969 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: None

Semester(s) Offered: Fall and Spring

AUT 152 Intro to Auto Operation and Maint. (3) 2,2
This course is designed to provide students an introduction to the operation and basic maintenance of the automobile. It requires no previous automotive experience or training, only a desire to learn more about how your car operates and what type of maintenance will help provide it a longer life with minimal problems. The parts and operation of each of the following systems will be discussed followed by hands-on lab activities reinforcing the inspection and basic maintenance each area requires. Systems included are the engine, cooling, lubrication, steering, suspension, brake, electrical, ignition, fuel and basic computer control. Preventive maintenance is stressed in each unit of instruction. Students desiring to perform inspection and maintenance on the vehicle of their choice are encouraged to have a basic set of tools available to them. (1.2) Proficiency Credit Available (2 LETSIR) Pass/No Credit Not Available.

In-District Tuition/Fees: $421 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: None

Semester(s) Offered: Fall and Spring

AUT 153 Manual Transmissions & Drivetrains (7) 5,4
Lab work and lecture combine to present service skills in the repair of manual transmissions and drivetrain components. Instruction includes servicing clutches, front-wheel drive manual transaxles, driveshafts, rear-wheel drive manual transmissions and axle assemblies. Repeatable to 14 credits. (1.2) Proficiency Credit Available (2 TFSEI) Pass/No Credit Not Available.

In-District Tuition/Fees: $964 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: None

Semester(s) Offered: Fall
AUT 160 Automotive Electricity I (6)  4,4
A course that will help unravel the mysteries that seem to surround electricity. Hands on experiences, demonstrations, and lecture are utilized to explore and understand electricity and electronics as they apply to the automobile. A working knowledge of basic electrical theory, electrical circuitry, wiring diagrams, electronics, and an understanding of automotive computer operation can be gained through this course. Use of test equipment, automobile body circuit, and accessory diagnosis are stressed. Repeatable to 12 credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.

In-District Tuition/Fees: $832 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

AUT 163 Automotive Electricity II (4)  2,4
An operation, diagnosis, and service approach is taken to provide knowledge of automotive batteries, starting, and charging systems. In-depth understanding of these systems can be gained from exposure to a wide variety of current test equipment and service techniques. Hands-on testing and repair is emphasized in the service of charging and starting systems. Repeatable to eight credits (1.2) Proficiency Credit Available Pass/No Credit Not Available.

In-District Tuition/Fees: $563 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: AUT 160 or consent of instructor
Semester(s) Offered: Spring

AUT 171 Auto Suspensions & Wheel Alignment (5)  3,4
A comprehensive course providing service skills involving automotive suspension and steering systems. Shop exercises and lecture combine to provide knowledge regarding service procedures on front and rear suspension systems, wheels and tires, wheel balance, steering systems, and four-wheel alignment. Included is information on Macpherson struts, rack and pinion steering, and rear wheel alignment. Repeatable to 10 credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.

In-District Tuition/Fees: $700 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: None
Semester(s) Offered: Fall and Spring

AUT 172 Automotive Brake Systems (5)  3,4
A service-oriented course that will provide experiences in all areas of brake repair. Topics will include drum brakes, front and rear disc brakes, hydraulic system service, machining drums and rotors, and anti-lock brake systems. An emphasis is placed on hands-on experience. Repeatable to 10 credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.

In-District Tuition/Fees: $700 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: None
Semester(s) Offered: Fall and Spring

AUT 180 Fuel & Ignition System Fundamentals (7)  5,4
An introductory course that will provide knowledge and service skills involving fuel and ignition systems. Included is instruction on fuel injection, infrared exhaust emission testing, electronic ignition systems, diagnostic engine analyzers, basic computer controls and an introduction to OBD II. Basic fuel injection service, oscilloscope testing, and ignition service will be part of the lab experiences. Repeatable to 14 credits; only seven credits may apply toward a degree or certificate. (1.2) Proficiency Credit Available Pass/No Credit Not Available.

In-District Tuition/Fees: $964 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: AUT 160 or consent of instructor
Semester(s) Offered: Fall and Spring

AUT 253 Automatic Transmissions (5)  3,4
An introductory course that covers the operation, service and troubleshooting of front and rear-wheel drive automatic transmissions. Included are units on torque converters, transmission maintenance, basic overhaul, removal and installation. Disassembly and basic overhaul techniques are practiced on selected models of transmissions. Repeatable to 10 credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.

In-District Tuition/Fees: $700 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: None
Semester(s) Offered: Fall and Spring

AUT 271 Diagnostics & Engine Performance (7)  5,4
A continuation of AUT 180, this course provides and integration of fuel and ignition systems to provide an advanced understanding of operation and service. Diagnosis of fuel injection, computer-controlled DI, EI, CNP and COP ignition systems, and computerized engine controls is included. Emphasis is placed on operation and diagnosis of on-board computers as they relate to engine performance. OBD II and IEPA vehicle testing and failure analysis is included along with advanced scan tool diagnosis. Repeatable to 14 credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.

In-District Tuition/Fees: $964 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: AUT 160 and AUT 180 or consent of instructor
Semester(s) Offered: Spring

AUT 290 Auto Heating & Air Conditioning (5)  3,4
A lecture/lab approach provides a working knowledge of the automotive cooling, heating, and air conditioning systems. Hands-on experiences reinforce an understanding of system operation, diagnostic procedures, and service. Air conditioning system performance testing, evacuation, and recharging is emphasized. Repeatable to 10 credits; only five semester hours may apply toward a degree or certificate. (1.2) Proficiency Credit Available Pass/No Credit Not Available.

In-District Tuition/Fees: $705 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: None
Semester(s) Offered: Spring and Summer
AUT 296 Introduction to Automotive Certif (2) 2.0
A special course designed to assist the experienced automotive technician who is preparing to take the Automotive Service Excellence (ASE) certification tests. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Two years experience or consent of instructor
Semester(s) Offered: Varies

Biology (BIO)

BIO 115 Environmental Biology fulfills both the life sciences requirement and the lab science requirement for the Associate in Arts, Associate in Science, and Associate in Fine Arts degrees.

BIO 108 Biology for Contemporary Society, BIO 110 Principles of Biology, and BIO 113 Molecular & Cellular Biology fulfill the life sciences requirement and the lab science requirement for the AA, AS, and the AFA degrees; however, only one of these courses can count as general education.

BIO 105 Survey of Environmental Biology fulfills the life sciences requirement for the AA, AS, and AFA degrees.

All BIO courses numbered 100 and above, except BIO 101 Nutrition for Contemporary Society, fulfill the science requirement for the Associate in Liberal Studies degree.

All BIO courses numbered 100 and above fulfill the math/science requirement for the Associate of Applied Science degree.

All BIO courses may also be applied to the major field and elective requirement for the AA and AS degrees.

BIO 101 Nutrition for Contemporary Society (3) 3.0
^ This course is designed to give students, who are not entering the health career path but are interested in the subject and want to learn more about its applications, an introduction to the core concepts of human nutrition and their relationship to wellness in contemporary society. Students will be introduced to valid nutrition research principles, tools to plan a healthy diet, and evidence based healthy eating patterns. The six nutrient groups, as well as alcohol, energy balance and body composition, nutrition and fitness, consumerism and sustainability, food safety and technology, and global nutrition and malnutrition will all be related to wellness. Each student will perform a personal computerized diet analysis and draw valid conclusions to modify their diet. (1.1) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $436 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria. Math: Grade of C or better in MTH 095 or MTH 096, or satisfaction of other placement criteria.+ Semester(s) Offered: Fall, Spring and Summer

BIO 104 Biotechnology and Society (4) 3.2
^ EThis course is designed to give students an introduction to biotechnology. Specifically, the course will address what biotechnology is and how it relates to everyday life. Students will explore current and relevant topics in biotechnology through an inquiry and investigative based approach that will foster critical thinking about how biotechnology impacts society. Students will be introduced to such topics as DNA profiling, crime scene analysis, and the ability to detect whether food contains products from a GMO. (1.1) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $588 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria. Math: Grade of C or better in MTH 095, MTH 096 or MTH 99, or satisfaction of other placement criteria.+ Semester(s) Offered: Spring

BIO 105 Survey of Environmental Biology (3) 3.0
^ Examines ecological principles in relation to environmental problems. Emphasizes current environmental issues, human impact on earth’s resources and possible solutions and courses of actions. Students may not receive credit for both BIO 105 and BIO 115. (1.1) Fulfills the ECC/IAI General Education/Life Sciences requirement: IAI Course Number: L1-905 Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $406 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria. Math: Grade of C or better in MTH 095 or MTH 096, or satisfaction of other placement criteria.+ Semester(s) Offered: Spring

BIO 106 Plants and Society (4) 3.2
^ This course is an exploration of plants and their important connection to society. Primarily for non-majors, this course investigates how plants enrich our lives on a daily basis. Students will study the origin, diversity, growth/ husbandry, conservation, and ecological services of plants. This course focuses on ethnobotany; thus, students will learn how plants provide: medicine, spices, dyes, clothing, and food for human consumption. Hands-on laboratory and greenhouse activities will cultivate an appreciation for plants and build a foundation for life-long learning. Field trips may be required for this course. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $588 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria. Math: Grade of C or better in MTH 095 or MTH 096, or satisfaction of other placement criteria.+ Semester(s) Offered: Spring and Summer
**BIO 108 Biology for Contemporary Society (4)  3,2**
This course is designed to give non-science majors, who are not entering the health career path, an introduction to core concepts in biology that are highly relevant in today’s society. Students will be introduced to the following biological principles: process of science, cell structure, basic chemistry, molecules of life, genetics, evolution, energy flow within ecosystems, and ecology. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available IAI General Education: L1 900L.
**In-District Tuition/Fees:** $588 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (1.1) Fulfills the ECC/IAI General Education/Life Science (lab) requirement. IAI Course Number: L1 900L.

**Prerequisite:** Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria. Math: Grade of C or better in MTH 095 or MTH 096, or satisfaction of other placement criteria.+

**Semester(s) Offered:** Fall, Spring and Summer

**BIO 110 Principles of Biology (4)  3,2**
* This introductory course is suggested for students who are pursuing a career in the health-care industry. As such, Principles of Biology (BIO 110) serves as the prerequisite for both Anatomy and Physiology, as well as Microbiology. This biological science class introduces the concepts of: scientific method, characteristics of life, taxonomy, general chemistry, biochemistry, cell structure and function, cellular metabolism and photosynthesis, genetics, evolution, plant and animal tissues, human systems, and ecological principles. (1.1) Fulfills the ECC/IAI General Education/Life Sciences (lab) requirement. IAI Course Number: L1 900L.

**In-District Tuition/Fees:** $588 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

**Prerequisite:** Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria. Math: Grade of C or better in MTH 095 or MTH 096, or satisfaction of other placement criteria.+

**Semester(s) Offered:** Fall, Spring and Summer

**BIO 111 Molecular & Cellular Biology (4)  3,2**
* This is the first part of a two-semester biology sequence and includes an introduction to: general chemistry, biochemistry, cellular structure, function and processes; molecular genetics and biotechnology. (1.1) Fulfills the ECC/IAI General Education/Life Sciences (lab) requirement. IAI Course Number: L1 900L.

**In-District Tuition/Fees:** $588 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

**Prerequisite:** Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria. Math: Grade of C or better in MTH 112, or appropriate math placement.

**Semester(s) Offered:** Fall, Spring and Summer

**BIO 114 Organismal Bio, Evolution, Ecology (4)  3,2**
This is the second part of a two-semester biology sequence and includes an introduction to: structure and function of major groups of microorganisms, fungi, animals, and plants with an emphasis placed on mammalian tissues and systems, ecological principles, and evolutionary processes and relationships. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.

**In-District Tuition/Fees:** $588 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

**Prerequisite:** Grade of C or better in BIO 113

**Semester(s) Offered:** Spring

**BIO 115 Environmental Biology (4)  3,2**
* Examines ecological principles in relation to environmental problems. Emphasizes current environmental issues, human impact on earth’s resources and possible solutions and courses of actions. Laboratory work includes indoor and outdoor activities and off-campus field trips. Students may not receive credit for both BIO 105 and BIO 115. (1.1) Fulfills the ECC/IAI General Education/Life Science (lab) requirement. IAI Course Number: L1 905L.

**In-District Tuition/Fees:** $588 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

**Prerequisite:** Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria. Math: Grade of C or better in MTH 095 or MTH 096, or satisfaction of other placement criteria.+

**Semester(s) Offered:** Fall and Summer

**BIO 201 Principles of Nutrition (3)  3,0**
This course is a study of the science of human nutrition for students entering the health professions. Nutrition research, professional and government nutrient standards, and tools to plan a healthy diet are introduced. The focus of study is on the macronutrients and micronutrients, metabolism of the energy yielding nutrients, and energy and weight balance. The principles of nutrition and nutrient requirements are applied to health and wellness as well as prevention and intervention in chronic disease. Each student will perform a personal computerized diet analysis and draw valid conclusions to modify their diet in a scientific paper. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.

**In-District Tuition/Fees:** $436 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

**Prerequisite:** Grade of C or better BIO 110 or BIO 113

**Semester(s) Offered:** Fall, Spring and Summer
BIO 234 Special Topics in Biology (1) 1.0
Designed to satisfy specific needs or interests of students and the community. The student should identify or obtain a special study topic and request approval/direction from one or more of the biological sciences' faculty. Student proposals should include a comprehensive outline of what will be done along with a timeline for completion. Guidelines used in selecting topics include: relevancy to biological fields of study; adequate and available material on special topic; and, topic will increase student skills and knowledge of biological sciences or related careers. Course is repeatable two times up to three hours. (1.1) Proficiency Credit Available (3 C) Pass/No Credit Not Available.
In-District Tuition/Fees: $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: BIO 105 or BIO 110 or BIO 113 or BIO 115 or consent of instructor
Semester(s) Offered: Varies

BIO 235 Special Topics in Biology (2) 2.0
Designed to satisfy specific needs or interests of students and the community. The student should identify or obtain a special study topic and request approval/direction from one or more of the biological sciences' faculty. Student proposals should include a comprehensive outline of what will be done, along with a timeline for completion. Guidelines used in selecting topics include: relevancy to biological fields of study; adequate and available material on special topic; and, topic will increase student skills and knowledge of biological sciences or related careers. Course is repeatable to six credits. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: BIO 105 or BIO 110 or BIO 113 or BIO 115 or BIO 150 or consent of instructor
Semester(s) Offered: Varies

BIO 236 Special Topics in Biology (3) 3.0
Designed to satisfy specific needs or interests of students and the community. The student should identify or obtain a special study topic and request approval/direction from one or more of the biological sciences' faculty. Student proposals should include a comprehensive outline of what will be done along with a timeline for completion. Guidelines used in selecting topics include: relevancy to biological fields of study; adequate and available material on special topic; and, topic will increase student skills and knowledge of biological sciences or related careers. Course is repeatable to nine credits. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: BIO 105 or BIO 110 or BIO 113 or BIO 115 or BIO 150 or consent of instructor
Semester(s) Offered: Varies

BIO 240 Human Anatomy and Physiology (5) 4.2
Study of ten major organ systems: integumentary, skeletal, muscular, nervous, endocrine, cardiovascular, respiratory, digestive, urinary, and reproductive. Laboratory includes microscopic study of tissues, exploration of muscle physiology, determination of blood pressure and respiratory volumes, an exercise in blood typing, and dissection of sheep brain, sheep heart and cow eye. Studies include work with anatomical models and cadavers. Attention students planning to transfer many schools and programs require a two-semester anatomy and physiology sequence of at least eight hours. Please check with your transfer institution before enrolling in BIO 240. You may need to register for BIO 245/246 instead. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $720 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in BIO 110 or BIO 113 Recommended:
One year high school Chemistry or CHM 101 or CHM 112
Semester(s) Offered: Fall and Spring

BIO 245 Human Anatomy and Physiology I (4) 3.2
First course in a two-semester sequence on Human Anatomy & Physiology. Designed for pre-health profession majors, especially those planning to transfer to four-year programs. Study of cell membrane, passive and active transport mechanisms, histology, general anatomical terminology and the following systems; integumentary, skeletal, muscular, and nervous. Laboratory topics include microscopy, passive and active transport, histology, bones, muscular anatomy, muscle physiology, reflexes, general senses, and neural anatomy. Laboratory exercises include working with tissue slides, skeletons (articulated and individual bones), sheep brain dissection, and use of various models. Cadaver demonstration and study is used for muscular anatomy, and both in-class and out-of-class cadaver time is required. (1.1) Fulfills the ECC/IAI General Education/Life Science (lab) requirement. IAI Course Number: L1 904L Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $588 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in BIO 110 or BIO 113 Recommended:
One year high school chemistry or CHM 101 or CHM 112
Semester(s) Offered: Fall, Spring and Summer
### Business (BUS)

All BUS courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.

BUS 120 Business Mathematics also fulfills the math requirement for the Associate in Liberal Studies and Associate of Applied Science degrees.

Students who intend to transfer to another college/university in business should see an ECC advisor regarding the selection of ECC courses prior to registering.

**BUS 100 Introduction to Business (3)  3,0**

This basic business course introduces the types and kinds of business enterprises and ownership forms. Students examine the principles and practices of business operations; including management, human resources, marketing, operations, accounting, and finance. (1.1) Proficiency Credit Available (3 T) Pass/No Credit Not Available.

**In-District Tuition/Fees:** $396 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

**Prerequisite:** None

**Semester(s) Offered:** Fall, Spring and Summer

**BUS 101 Business Communications (3)  3,0**

A comprehensive review of correct language usage and structure for business writing including: grammar, punctuation, business vocabulary, capitalization, number usage, and frequently misspelled words. Introduces the correct structure and writing technique for a variety of business documents including electronic and oral communication in today's business world. Study of the workplace communication including techniques in listening, speaking writing critical thinking, working in teams, understanding multicultural communication and applying the job search process. (1.2) Proficiency Credit Not Available Pass/No Credit Available.

**In-District Tuition/Fees:** $511 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

**Prerequisite:** None Recommended: Keyboarding skills

**Semester(s) Offered:** Fall, Spring and Summer

**BUS 105 Personal Finance (4)  4,0**

^ Provides students with the tools they need to achieve financial freedom. Students will learn how to plan and manage their personal finances; make wise purchasing decisions; properly insure resources; invest resources appropriately; and plan for their financial future. (1.2) Proficiency Credit Available (2 ETI) Pass/No Credit Available.

**In-District Tuition/Fees:** $528 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

**Prerequisite:** Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Math: Grade of C or better in MTH 095 or MTH 096, or satisfaction of other placement criteria.

**Semester(s) Offered:** Fall, Spring and Summer

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**BIO 246 Human Anatomy and Physiology II (4)  3,2**

Second course in a two-semester sequence on Human Anatomy & Physiology. Designed for pre-health profession majors, especially those planning to transfer to four-year programs. The study of metabolism, electrolytes, acid/base balance, and the following systems: endocrine, cardiovascular, lymphatic, digestive, respiratory, urinary, and reproductive. Also included is the study of the special senses. Laboratory exercises include eye and heart dissections. Experiments include taking respiratory and cardiovascular data. Appropriate video demonstrations of cardiovascular disorders, immune system function and reproductive topics are also included. Cadaver demonstration and study is used for cardiovascular system and major organ systems. Both in-class and out-of-class cadaver time is required. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.

**In-District Tuition/Fees:** $588 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

**Prerequisite:** Grade of C or better in BIO 240 or BIO 245 Recommended: One year high school chemistry or CHM 101 or CHM 112

**Semester(s) Offered:** Fall, Spring and Summer

**BIO 252 Human Anatomy and Cadaver Dissection (4)  2,6**

This course provides the participant the ability to expand their anatomical knowledge base, professional growth, and dissection skills. The participant will have the unique opportunity to dissect, within a small group, a cadaver and present visible structures to the instructor and their peers. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available

**NOTE:** Course will be offered based on cadaver availability and faculty availability.

**In-District Tuition/Fees:** $528 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

**Prerequisite:** Grade of B or better in BIO 245 and BIO 246 and consent of the instructor.

**Semester(s) Offered:** Varies

**BIO 265 Microbiology (4)  3,3**

This course provides students with a good understanding of microorganisms and an in depth focus on bacteria and viruses. It is designed for students intending to transfer as science majors, entering health programs, or those exploring careers in microbiology. It includes a full laboratory experience to develop skills in laboratory techniques, cultivation and evaluation of living organisms. An important focus of this course is the broad impact and relevance of microorganisms in our world, including the environment, industry, food microbiology, sanitation and health. Students learn properties and growth processes of microorganisms such as photosynthesis, fermentation, microbial genetics, significance of genetic change, virulence, diseases transmission and immunology. Community health issues focus on specific pathogens, prevention and treatment of disease, antimicrobials, immunization, useful applications and procedures of recombinant biotechnology, ELISA and use of antibody treatments. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.

**In-District Tuition/Fees:** $588 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

**Prerequisite:** Grade of C or better in BIO 110 or BIO 113 Recommended: One year high school Chemistry or CHM 101 or CHM 112

**Semester(s) Offered:** Fall, Spring and Summer
BUS 112 Legal Environment of Business (3) 3.0
A course dealing with those aspects of law directly related to the
business environment including: contracts, torts, choice of business
entity, the Clayton Act, Federal Trade Commission, mergers, labor/
management, employment, discrimination, consumer protection, and
product liability. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://
elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, an ACT
score of 18 or above, or an appropriate placement score Writing: Grade of
C or better in ENG 098 or LTC 099, an ACT score of 20, or an appropriate
placement score.
Semester(s) Offered: Fall and Spring

BUS 113 Business Law (3) 3.0
Study of the law of contracts, agency, negotiable instruments and related
topics. Case materials and problems are used. (1.1) Proficiency Credit
Available (3) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://
elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or
satisfaction of other placement criteria. Writing: Grade of C or better in
ENG 098 or LTC 099 or satisfaction of other placement criteria.
Semester(s) Offered: Fall, Spring and Summer

BUS 120 Business Mathematics (3) 3.0
Basic arithmetic and algebra skills are applied to common business
applications. To develop higher skills and understanding of business
courses, the following will be included: Banking, Business analysis
and decision making, discounts and margins, payroll, interest, Present
value and Future value of money, Debt decisions and implications, and
financial reports. (1.2) Proficiency Credit Available (2 ETI) Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://
elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Math: Grade of C or better in MTH 090 or an appropriate
placement score.
Semester(s) Offered: Fall, Spring and Summer

BUS 131 Customer Service Solutions (1) 1.0
This course is designed to build and maintain the critical skills necessary
to be a dynamic and successful service professional in a service-driven
organization. Students will gain insight into customer behavior, attitudes,
and perceptions and will develop strategies to create positive customer
relationships. Customer Service Solutions will emphasize face-to-face
encounters as well as telephone communication skills. (1.2) Proficiency
Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://
elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

BUS 140 Business Statistics (3) 3.0
Introduces the student to basic statistical principles and the procedures
for applying statistical tools and techniques. Student learns to use
simple analysis including measures of central tendency, dispersion,
and skewness. Through the study of probability, discrete probability
distributions (Binomial, Hypergeometric, Poisson, Uniform) and the
normal distribution, a background for statistical inference is developed.
Basic statistical inference is studied by using estimation, hypothesis
testing, chi square analysis and linear regression and correlation. (1.1)
Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://
elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Prerequisite: Grade of C or better in MTH 125 or MTH 112 or
consent of instructor
Semester(s) Offered: Fall and Spring

BUS 142 Report Writing (3) 3.0
This course includes the practical essentials for preparing written
communication of all types and lengths for business and technical uses.
The goal is to study the types of writing you may encounter in your career
professional writing for a specific audience and a practical purpose.
Emphasis is placed on business documents such as business letters,
informal and formal reports, and instructions. (1.2) Proficiency Credit Not
Available Pass/No Credit Not Available.
In-District Tuition/Fees: $511 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://
elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: BUS 101 or ENG 101
Semester(s) Offered: Fall, Spring and Summer

BUS 145 E-Commerce (3) 3.0
This course explores the business opportunities, challenges and
strategies for the use of electronic commerce. Included will be an
examination of retail issues, advertising methods and strategies,
service industries, business-to-business concerns, and implementation
strategies. (1.2) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://
elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Spring

BUS 231 Customer Relationship Management (3) 3.0
A study of the customer care process and how to strive for service
excellence. Explores the impact of culture, technology, and globalization,
and raises ethical questions to promote consideration of the
responsibilities associated with excellence in customer relationship
management. Students understand trends in customer service,
understanding customers and their needs, customer loyalty, interpersonal
communication skills needed for successful service, problem-solving,
collision management, and effective telephone skills. (1.2) Proficiency
Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://
elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Spring
**Bus 238 Effective Listening (3) 3.0**
A study of listening as an integral part of the communication process, development of listening/feedback skills, and an awareness of barriers to effective listening and feedback. Explores the impact of technology, and globalization, and raises ethical questions to promote consideration of the responsibilities associated with listening behavior. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
**In-District Tuition/Fees:** $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
**Prerequisite:** None
**Semester(s) Offered:** Spring

**Bus 254 Business Ethics (3) 3.0**
Utilizes an applied managerial approach to business ethics and strategic business decisions. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
**In-District Tuition/Fees:** $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
**Prerequisite:** Grade of C or better in BUS 101 or ENG 101 and MMT 101
**Semester(s) Offered:** Fall and Spring

**Bus 260 Global Business (3) 3.0**
This course covers fundamental principles of global business. Topics covered include global business trends; forms and strategies of global business entry; an analysis of global economic, legal, political, and cultural business environments; and employment opportunities outside the U.S. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
**In-District Tuition/Fees:** $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
**Prerequisite:** Grade of C or better in BUS 100
**Semester(s) Offered:** Fall

**Bus 265 Problems and Projects in Business (4) 4.0**
Course examining contemporary business problems, issues, and topics. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
**In-District Tuition/Fees:** $528 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
**Prerequisite:** Consent of Instructor
**Semester(s) Offered:** Fall, Spring and Summer

**Chemistry (CHM)**

**CHM 101 Preparatory Chemistry (5) 4.2**
This course introduces basic chemical knowledge to those with no chemical background or those who need a "refresher" course. It includes such topics as atomic structure, periodic table, formulae, chemical equations, stoichiometry, and gas laws. Class time includes lecture, laboratory, and question sessions. The course is primarily designed for general education requirements, as well as to prepare for higher level chemistry courses. (1.1) Fulfills the ECC/IAI General Education/Physical Sciences (lab) requirement. IAI Course Number P1 902L Proficiency Credit Available (2 LT) Pass/No Credit Available.
**In-District Tuition/Fees:** $720 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
**Prerequisite:** Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Math: Grade of C or better in MTH 095 or MTH 098 or MTH 099 or higher or satisfaction of other placement criteria.
**Semester(s) Offered:** Fall, Spring and Summer

**CHM 112 Elements of Chemistry: General (5) 4.2**
This course is designed as an introductory chemistry course for students preparing for nursing and other health professions programs. Topics covered include measurements; states, compositions, and properties of matter; atomic structure and chemical bonding; chemical reactions, chemical equations and calculations of formula mass and moles; solutions; acid-base equilibria and nuclear chemistry. (1.1) Fulfills the ECC/IAI General Education/Physical Sciences (lab) requirement. IAI Course Number P1 902L Proficiency Credit Available (2 LT) Pass/No Credit Available.
**In-District Tuition/Fees:** $720 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
**Prerequisite:** Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Math: Grade of C or better in MTH 095, MTH 098, or MTH 099, or satisfaction of other placement criteria.
**Semester(s) Offered:** Fall, Spring and Summer

**CHM 142 General Chemistry I (5) 4.2**
CHM 142 General Chemistry I fulfills both the physical sciences requirement and the lab science requirement for the AA, AS, and AFA degrees; however, only one of these courses can count as general education.

**CHM 290 Special Topics in Chemistry**
for the Associate of Applied Science degree and the science requirement for the Associate in Liberal Studies degree.

All CHM courses numbered 100 and above may also be applied to the major field and elective requirement for the AA and AS degrees.

Twelve hours of CHM 290 Special Topics in Chemistry may be counted toward graduation.

**CHM 101 Preparatory Chemistry (5) 4.2**
This course introduces basic chemical knowledge to those with no chemical background or those who need a "refresher" course. It includes such topics as atomic structure, periodic table, formulae, chemical equations, stoichiometry, and gas laws. Class time includes lecture, laboratory, and question sessions. The course is primarily designed for general education requirements, as well as to prepare for higher level chemistry courses. (1.1) Fulfills the ECC/IAI General Education/Physical Sciences (lab) requirement. IAI Course Number P1 902L Proficiency Credit Available (2 LT) Pass/No Credit Available.
**In-District Tuition/Fees:** $720 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
**Prerequisite:** Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Math: Grade of C or better in MTH 095 or MTH 098 or MTH 099 or higher or satisfaction of other placement criteria.
**Semester(s) Offered:** Fall, Spring and Summer

**CHM 112 Elements of Chemistry: General (5) 4.2**
This course is designed as an introductory chemistry course for students preparing for nursing and other health professions programs. Topics covered include measurements; states, compositions, and properties of matter; atomic structure and chemical bonding; chemical reactions, chemical equations and calculations of formula mass and moles; solutions; acid-base equilibria and nuclear chemistry. (1.1) Fulfills the ECC/IAI General Education/Physical Sciences (lab) requirement. IAI Course Number P1 902L Proficiency Credit Available (2 LT) Pass/No Credit Available.
**In-District Tuition/Fees:** $720 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
**Prerequisite:** Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Math: Grade of C or better in MTH 095, MTH 098, or MTH 099, or satisfaction of other placement criteria.
**Semester(s) Offered:** Fall, Spring and Summer
CHM 142 General Chemistry I (5)  4,3
The first course in a two-semester sequence in General Chemistry. Topics covered include fundamentals of chemistry including the periodic table of elements, atomic and molecular structure; basic concept of quantum theory, the gaseous state, stoichiometry of chemical reactions and solutions; heat and Enthalpy of reactions; and bonding. The course also emphasizes applications. Students will be exposed to the practical aspects of chemistry as they relate to the health sciences and the environment. The experiments of the companion lab are closely related to the course material and they will emphasize both qualitative and quantitative analysis. The course is intended for science majors, engineering and pre-professional students. (1.1) Fulfills the ECC/IAI General Education/Physical Sciences (lab) requirement. IAI General Education P1 902L IAI Major: CHM 911 Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $720 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Math: Grade of C or better in MTH 112 satisfaction of other placement criteria. Other: Grade of C or better in CHM 101 or CHM 112 or grade of C or better in one year high school chemistry if graduated in the past five years.
Semester(s) Offered: Fall, Spring and Summer

CHM 143 General Chemistry II (5)  4,4
Second course in a two-semester sequence of General Chemistry courses. The goal of this course is to provide the students with a broad overview of the principles of chemistry and to continue the introduction to many basic concepts of chemistry such as chemical kinetics; chemical equilibrium; Entropy and Free Energy; electrochemistry and redox reactions; orbital and spectroscopy; order and symmetry in condensed phases; chemistry of the main group and transition elements; and nuclear chemistry. Students will be exposed to the practical aspects of chemistry as they relate to the health sciences, industry, and the environment. Computer software is available to students to help them learn molecular modeling and graphing. The experiments of the accompanying lab are closely related to the course material and they will emphasize both qualitative and quantitative analysis. (1.1) IAI Major: CHM/912 Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $720 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Math: Grade of C or better in MTH 112 satisfaction of other placement criteria. Other: Grade of C or better in CHM 101 or CHM 112 or grade of C or better in one year high school chemistry if graduated in the past five years.
Semester(s) Offered: Fall, Spring and Summer

CHM 234 Organic Chemistry I (5)  3,6
First semester of a two-semester organic chemistry sequence intended for chemistry majors and those enrolled in pre-professional training. Topics covered include the chemistry of alkanes, alkenes and alkynes, stereochemistry, alkyl halides, nucleophilic substitution and elimination, conjugation, and spectroscopy. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $720 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in CHM 143 or consent of instructor
Semester(s) Offered: Fall

CHM 235 Organic Chemistry II (5)  3,6
Second semester of a two-semester organic chemistry sequence intended for chemistry majors and those enrolled in pre-professional training. Topics covered include aromatics, alcohols, ethers, thiols, sulfides, carbonyl compounds, amines, synthetic polymers, and biomolecules. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $720 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in CHM 234
Semester(s) Offered: Spring

CHM 290 Special Topics in Chemistry (1-4)  1,1
(0-2, 0-6) Designed to satisfy specific needs of students and the community. The following guidelines are to be used in selecting topics: 1) adequate and available material on special topic, and 2) course will increase skills and knowledge of chemistry. Course is repeatable three (3) times. (1.1) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $578 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: CHM 143 or equivalent and consent of instructor
Semester(s) Offered: Varies

Chinese (CHN)
CHN 101 Elementary Chinese I, CHN 102 Elementary Chinese II, CHN 201 Intermediate Chinese I, and CHN 202 Intermediate Chinese II require that students contact the language coordinator in order to gain proficiency credits. All CHN courses numbered 100 and above may be used to fulfill the liberal education requirement for the Associate of Applied Science degree.
All CHN courses numbered 100 and above may be applied to the major field and elective requirement for the AA and AS degrees.

Course Descriptions (Per Subject)

**CHN 101 Elementary Chinese I (4)(4,0)**

Elementary Chinese is a beginning Chinese language course designed for students with no or minimal knowledge of Chinese. The course is built on a framework established by National Standards’ 5C goal areas: Communication, Cultures, Connections, Comparisons, and Communities. The class uses a communicative approach to engage students in the learning process. Students will engage in functional and communicative activities to practice listening, speaking, reading and writing skills. The focus is to improve students’ overall ability to understand and use the language accurately and appropriately, and demonstrate understanding of contemporary Chinese life and culture. (1.1) Proficiency Credit Available (3 HICT) Pass/No Credit Available.

**In-District Tuition/Fees:** $528 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

**Prerequisite:** None. Students who are native speakers or who have previous knowledge of the language are strongly encouraged to take placement testing in the Testing Center. Students may apply to receive (proficiency) credit for each course for which they demonstrate mastery through placement testing.

**Semester(s) Offered:** Varies

**CHN 102 Elementary Chinese II (4)(4,0)**

Elementary Chinese II is the second level of our sequence designed for students with no or minimal knowledge of Chinese. The course is built on a framework established by National Standards. The class uses a communicative approach to engage students in the learning process. The focus is to improve students’ overall ability to understand and use the language accurately and appropriately, and demonstrate understanding of contemporary Chinese life and culture. (1.1) Proficiency Credit Available (2 HICT) Pass/No Credit Available.

**In-District Tuition/Fees:** $528 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

**Prerequisite:** Grade of C or better in CHN 101; one year of H.S. Chinese with grade of C or better; one semester of Chinese in college with a grade of C or better; or placement.

**Semester(s) Offered:** Varies

**CHN 201 Intermediate Chinese I (4)(4,0)**

Intermediate Chinese I is the third level of our sequence designed for students with elementary knowledge of Chinese. The course is built on a framework established of National Standards. The class uses a communicative approach to engage students in the learning process. The focus is to keep improving students’ overall ability to understand and use the language accurately and appropriately, and demonstrate understanding of contemporary Chinese life and culture. (1.1) Proficiency Credit Available (2 HICT) Pass/No Credit Available.

**In-District Tuition/Fees:** $528 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

**Prerequisite:** Grade of C or better in CHN 101; one year of H.S. Chinese with grade of C or better; one semester of Chinese in college with a grade of C or better; or placement.

**Semester(s) Offered:** Varies

**CHN 202 Intermediate Chinese II (4)(4,0)**

Intermediate Chinese II is the fourth level of our sequence designed for students with elementary and some intermediate knowledge of Chinese. The course is built on a framework established by National Standards. The class uses a communicative approach to engage students in the learning process. The focus is to keep improving students’ overall ability to understand and use the language accurately and appropriately, and demonstrate understanding of contemporary Chinese life and culture. (1.1) Proficiency Credit Available Pass/No Credit Available.

**In-District Tuition/Fees:** $528 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

**Prerequisite:** Prerequisite: Grade of C or better in CHN 201; or three years of H.S. Chinese with grade of C or better; or three semesters of Chinese in college with a grade of C or better; or placement.

**Semester(s) Offered:** Varies

**Clinical Laboratory Technology (CLT)**

All CLT courses numbered 100 and above may be applied to the major field and elective requirement in the Associate in Arts and Associate in Science degrees.

**SPECIAL NOTE:** A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Clinical Laboratory Technology (CLT) program. For more information please refer to elgin.edu/clt (https://elgin.edu/clt/).
CLT 100 Intro to Clinical Lab Technology (2.5)  2,1
This introductory course will familiarize the student with the professional responsibilities of the clinical laboratory technician. Units on medical terminology, laboratory safety, infection control, use of diagnostic equipment, and quality control will be covered. Students develop basic phlebotomy skills in preparation for CLT 120. (1.2) Proficiency Credit Available Pass/No Credit Not Available
www.elgin.edu/clt
SPECIAL NOTE: Explore the clinical laboratory technology program and come to an information session. For more details, go to elgin.edu/visitecc

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Clinical Laboratory Technology (CLT) program. For more information please refer to elgin.edu/clt.
In-District Tuition/Fees: $480 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Acceptance into Clinical Laboratory Technology program or program director consent
Semester(s) Offered: Fall

CLT 101 Phlebotomy (3)  3,0
Students will learn basic techniques for blood specimen collection. Units on anatomy and physiology of the circulatory system, medical terminology, specimen processing, laboratory safety, infection control, quality control, and professional skills will also be covered. Students who wish to become certified as phlebotomy technicians must also complete 1.5 credits of CLT 120. (1.2) Proficiency Credit Available (2 EST) Pass/No Credit Not Available

SPECIAL NOTE: Explore the clinical laboratory technology program and come to an information session. For more details, go to elgin.edu/visitecc

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Clinical Laboratory Technology (CLT) program. For more information please refer to elgin.edu/clt.
In-District Tuition/Fees: $496 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Score in the 12th percentile or better in each section of the PSB-HOA exam
Semester(s) Offered: Fall, Spring and Summer

CLT 105 Clinical Lab Assistant Skills I (2)  1,2
The Clinical Laboratory Assistant is an important member of the clinical laboratory team. CLAs are responsible for specimen collection and processing, reagent preparation, instrument maintenance, and performance of basic laboratory tests. Units on medical terminology, laboratory safety, infection control, use of diagnostic equipment, quality control, customer service skills, and laboratory information systems will be covered. (1.2) Proficiency Credit Available (2 ME) Pass/No Credit Not Available

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Clinical Laboratory Technology (CLT) program. For more information please refer to elgin.edu/clt.
In-District Tuition/Fees: $364 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Acceptance into Clinical Laboratory Assistant program or program director consent
Semester(s) Offered: Spring

CLT 106 Clinical Lab Assistant Skills II (3)  2,2
This course builds on the skills learned in CLT 105. Students will perform basic laboratory procedures in urinalysis, hematology, chemistry, microbiology, and immunology. Students who successfully complete CLT 105 and CLT 106 will be granted credit for CLT 100 in the Clinical Laboratory Technician program. (1.2) Proficiency Credit Available (2 ME) Pass/No Credit Not Available

SPECIAL NOTE: Explore the clinical laboratory technology program and come to an information session. For more details, go to elgin.edu/visitecc

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Clinical Laboratory Technology (CLT) program. For more information please refer to elgin.edu/clt.
In-District Tuition/Fees: $496 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in CLT 105 or program director consent
Semester(s) Offered: Spring
CLT 101 Clinical Foundations (2) 2,1
A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Clinical Laboratory Technology (CLT) program. For more information please refer to elgin.edu/clt (http://elgin.edu/clt/).

Prerequisite: Grade of C or better in BIO 240 or BIO 246 and CLT 100 or CLT 106 or program director consent
Semester(s) Offered: Spring

CLT 112 Clinical Hematology (3.5) 2,3
Students will learn basic lab techniques used in performing hematology/hemostasis analyses. Hematopoiesis, hematologic disorders, diagnostic test principles and procedures, instrumentation, and clinical correlation of lab results will be covered. (1.2) Proficiency Credit Available
Pass/No Credit Not Available

www.elgin.edu/clt (http://www.elgin.edu/clt/)

SPECIAL NOTE: Explore the clinical laboratory technology program and come to an information session. For more details, go to elgin.edu/visitelcc (http://elgin.edu/visitelcc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Clinical Laboratory Technology (CLT) program. For more information please refer to elgin.edu/clt (http://elgin.edu/clt/).

In-District Tuition/Fees: $546 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in BIO 240 or BIO 246 and CLT 100 or CLT 106 or program director consent
Semester(s) Offered: Spring

CLT 114 Clinical Immunology (2.5) 2,1
Students will learn basic lab techniques used in performing serologic analyses. The immune system, the immune response in health and disease, diagnostic test principles and procedures, and clinical correlation of lab results will be covered. (1.2) Proficiency Credit Available
Pass/No Credit Not Available

www.elgin.edu/clt (http://www.elgin.edu/clt/)

SPECIAL NOTE: Explore the clinical laboratory technology program and come to an information session. For more details, go to elgin.edu/visitelcc (http://elgin.edu/visitelcc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Clinical Laboratory Technology (CLT) program. For more information please refer to elgin.edu/clt (http://elgin.edu/clt/).

In-District Tuition/Fees: $480 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in BIO 240 or BIO 246 and CLT 100 or CLT 106 or program director consent
Semester(s) Offered: Summer

CLT 120 Clinical Lab Technology Practicum I (.5-.1.5) 0,1.5
(0, 1.5-4.5) Practicum I will provide the student with supervised clinical experience in a phlebotomy setting. Students who have completed CLT 101 and earn 1.5 credits of CLT 120 are eligible to take a national certification exam for phlebotomy technicians. (1.2) Proficiency Credit Available (2 EST) Pass/No Credit Not Available

www.elgin.edu/clt (http://www.elgin.edu/clt/)

SPECIAL NOTE: Explore the clinical laboratory technology program and come to an information session. For more details, go to elgin.edu/visitelcc (http://elgin.edu/visitelcc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Clinical Laboratory Technology (CLT) program. For more information please refer to elgin.edu/clt (http://elgin.edu/clt/).

In-District Tuition/Fees: $348 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Program director consent
Semester(s) Offered: Fall, Spring and Summer
CLT 210 Clinical Chemistry (3.5)  2,3
Students will learn basic lab techniques used in performing biochemical analyses. Units on carbohydrates, proteins, lipids, enzymes, hormones, electrolytes, and toxicology will include diagnostic test principles and procedures, instrumentation, and clinical correlation of lab results. (1.2) Proficiency Credit Available Pass/No Credit Not Available

www.elgin.edu/clt (http://www.elgin.edu/clt/)

SPECIAL NOTE: Explore the clinical laboratory technology program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Clinical Laboratory Technology (CLT) program. For more information please refer to elgin.edu/clt (http://elgin.edu/clt/).

In-District Tuition/Fees: $612 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in CHM 142 and CLT 100 or CLT 106 or program director consent
Semester(s) Offered: Fall

CLT 212 Clinical Microbiology (3.5)  2,3
Students will learn sterile techniques used to isolate and identify microorganisms. Antibiotic susceptibility testing and clinical correlation of lab results will be covered. Supplemental units on parasitology, mycology, and virology will be introduced. (1.2) Proficiency Credit Available Pass/No Credit Not Available

www.elgin.edu/clt (http://www.elgin.edu/clt/)

SPECIAL NOTE: Explore the clinical laboratory technology program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Clinical Laboratory Technology (CLT) program. For more information please refer to elgin.edu/clt (http://elgin.edu/clt/).

In-District Tuition/Fees: $612 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in CHM 142 and CLT 100 or CLT 106 or program director consent
Semester(s) Offered: Fall

CLT 214 Clinical Immunohematology (3)  2,2
Students will learn basic lab techniques used in blood typing, compatibility testing, and antibody identification. Other functions of the blood bank including donor blood collection, screening, and component processing will be covered. (1.2) Proficiency Credit Available Pass/No Credit Not Available

www.elgin.edu/clt (http://www.elgin.edu/clt/)

SPECIAL NOTE: Explore the clinical laboratory technology program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Clinical Laboratory Technology (CLT) program. For more information please refer to elgin.edu/clt (http://elgin.edu/clt/).

In-District Tuition/Fees: $546 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in CLT 114 or program director consent
Semester(s) Offered: Spring

CLT 220 Clinical Lab Technology Practicum II (5)  0,15
Practicum II will provide the student with supervised experience in a clinical laboratory. Student rotations will be scheduled in hematology and chemistry departments. (1.2) Proficiency Credit Available Pass/No Credit Not Available

www.elgin.edu/clt (http://www.elgin.edu/clt/)

SPECIAL NOTE: Explore the clinical laboratory technology program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Clinical Laboratory Technology (CLT) program. For more information please refer to elgin.edu/clt (http://elgin.edu/clt/).

In-District Tuition/Fees: $810 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in CLT 110, CLT 112 and CLT 210 or program director consent
Semester(s) Offered: Fall, Spring and Summer
COL 101 College 101: Student Success (1) 1,0
This course will guide new students in learning effective strategies and identifying resources that will help them be successful in college. Key components of COL 101 include: responsibility for learning, self-awareness, success skills, and college resources. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available
SPECIAL NOTE: Students attending college for the first-time are strongly encouraged to complete this course. ECC research shows students who complete COL101 early in their college careers have higher GPAs and are more likely to complete their goals than students who do not complete this course. /a>

In-District Tuition/Fees: $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

Comm. & Behavioral Sciences (CBS)

CBS 199 Comm. & Behavioral Sci. Indpnt Study may be applied to the major field and elective requirement in the Associate in Arts and Associate in Science degrees.

CBS 199 Comm. & Behavioral Sci. Indpnt Study (1-4) 1,0
(1-4, 0) The use of credits in CBS 199 toward degree requirements is limited. Limitations include the number of hours as part of a degree and may include the content of the particular subject studied. A student may petition in the Counseling Center for independent study in any curriculum area of Communications and Behavioral Sciences. This petition must be approved by the appropriate instructional dean. A faculty supervisor in that curriculum will be appointed to direct and evaluate the independent study. This course is repeatable up to a maximum of four credit hours. (1.1) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $528 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Consent of instructor
Semester(s) Offered: Varies

Communication Design (CDN)

All CDN courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.

COL 101 College 101: Student Success is course designed to help students successfully transition to the college. Students are strongly encouraged to take this course during their first semester at ECC.
CDN 101 Introduction to 2D-Design (3) 1,4
This studio course applies two-dimensional design to give form to ideas and order to information. Using design elements and principles, students will address issues of visual form, function, problem solving and personal viewpoint. Course projects include traditional hands-on media as well as computer generated solutions. (1.1) Proficiency Credit Available (2 FS) Pass/No Credit Not Available.
In-District Tuition/Fees: $426 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None Recommended: CDN 107 or experience in image editing software such as Adobe Photoshop
Semester(s) Offered: Fall and Spring

CDN 103 Conceptual Visualization (3) 1,4
This course encourages students think visually, to anticipate visual conflicts, and correct issues in the earliest stages of production. By sketching out what a finished project might look like, students will learn to originate ideas and develop efficient workflows. This approach helps students create logical and creative solutions to design problems and enhances their visual storytelling skills. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $426 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall and Spring

CDN 105 Color Theory (3) 1,4
This course examines theories of color and their application in art and design. Topics include: color physics and perception, color attributes, color harmony, color interaction, digital and traditional applications of color, psychology of color and design factors with color. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $426 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall and Spring

CDN 107 Introduction to Digital Design (3) 1,4
This course focuses on fundamental concepts and visual communication skills necessary for graphic design. It requires the creation of single and multiple page documents, both in B&W and color, covering document construction, integration of word processing programs, working with images and typography, custom colors and standard output. Introduction to the production of printed materials using illustrations and image manipulation software via computers. Topics include principles of file management, scanning and creating documents in Adobe Photoshop, Illustrator and InDesign. (1.1) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $436 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall and Spring

CDN 108 Designing with InDesign (3) 1,4
This is a foundation course for InDesign. Through demonstrations, exercises, and class projects, it will cover techniques in electronic page layout using Adobe InDesign to create documents, format text, and import graphics. Students will use Adobe Illustrator and Photoshop applications to complete projects. Topics include master pages, auto page numbering, style sheets, object styles, tables, libraries, image preparation for placement, live captions, links panel, layers, color management, and output to print as it relates to single and multiple-page documents. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $436 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Effective Summer 2020 Grade of C or better in CDN 107, or consent of instructor. Prerequisite: Grade of C or better CDN 101, CDN 103, and CDN 107, or consent of instructor.
Semester(s) Offered: Spring

CDN 109 Design/Adobe Illustrator (3) 1,4
In this course students will be introduced to advanced aspects of Adobe Illustrator to create (vector-based) computer illustrations at current industry standards. The class will begin with a review of the fundamentals and progress to the more challenging techniques and applications of the program. Assignments will address current trends in commercial and digital illustration and encourage growth and development of design, creativity and technical skills. Course is repeatable two times. (1.2) Proficiency Credit Available (2 FSE) Pass/No Credit Not Available.
In-District Tuition/Fees: $436 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better CDN 101, CDN 103, and CDN 107, or consent of instructor.
Semester(s) Offered: Fall and Spring

CDN 110 Image Design/Photoshop (3) 1,4
Adobe Photoshop will be taught through lectures, demonstrations, experimentation and project-based assignments. This course will familiarize you with the interface and various tools to apply your knowledge to any professional or personal project. Image editing, color modes, color correction, layers, masks, Alpha channels, layer effects and basic attributes will be covered. Assignments are tailored to build a portfolio and develop professional skills. Prepress techniques will be introduced. A strong emphasis on composition, color technical proficiency and aesthetic judgment is stress in this course. Course is repeatable two times. (1.2) Proficiency Credit Available (2FSE) Pass/No Credit Not Available.
In-District Tuition/Fees: $436 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better CDN 101, CDN 103, and CDN 107, or consent of instructor.
Semester(s) Offered: Fall and Spring
CDN 115 History of Graphic Design (3)  3,0
This course surveys the history of graphic design from pictographs painted on cave walls to digitally created electronic designs. It will discuss visual communication as it relates to culture and society. It will examine the influences of technology on culture and how it affects the aesthetics of graphic design. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $406 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Spring

CDN 200 Typography (3)  1,4
This course is an introduction to the terms and characteristics of typography. Students will research classical and contemporary typographic forms; construct typographic compositions and systems; and use typography as an expressive medium to convey aesthetic, emotional, and intellectual meaning. The course utilizes Adobe InDesign and Illustrator application to complete the projects. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $436 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in CDN 107, CDN 108, CDN 109, CDN 110 or consent of instructor.
Semester(s) Offered: Spring

CDN 217 Freelance Principles and Practices (3)  1,4
This course explores freelance design principles and real life application with clients. Students will learn how to establish a freelance design business, identify and cultivate prospective customers, develop design briefs, and negotiate and execute design contracts that encompass workflow from conceptualization to final design delivery. This course builds upon foundational concepts and skills to prepare the student for success as a freelance designer. (1.2) Proficiency Credit Available (2 LTFREIS) Pass/No Credit Not Available.
In-District Tuition/Fees: $436 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: (1) Grade of C or better in CDN 200 and CDN 201 or (2) consent of instructor.
Semester(s) Offered: Spring

CDN 219 Basic Web Design (3)  1,4
Basic Web Design will introduce concepts and techniques related to designing, creating and deploying content for the internet. Students will learn how to use HTML to structure content and how to use CSS to style that content. The course will introduce information architecture, wire-framing and semantic markup. Course work will include securing an ISP, creating and using a blog, organizing directories on a server, and creating web pages with functional navigation and hyperlinks. The student will also be introduced to web design topics such as accessibility, user experience and responsive design. In lieu of a text book, student will be required to secure site hosting with an ISP. (1.2) Proficiency Credit Available (2 FSE) Pass/No Credit Not Available.
In-District Tuition/Fees: $436 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring

CDN 221 Advanced Web Design (3)  1,4
This course examines advanced design considerations that facilitate effective communication over the World Wide Web. Topics include user experience, information architecture, HTML document construction and CSS styling, accessibility, responsive design, SEO and template-based design. Students will use software such as Adobe Dreamweaver. (1.1) Proficiency Credit Available (2 FES) Pass/No Credit Not Available.
In-District Tuition/Fees: $436 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in CDN 219 or consent of instructor.
Semester(s) Offered: Fall and Spring
CDN 223 Digital Publishing (3)  1,4
This course covers pre-press operations and interactive document creation. Publications created include press ready documents, interactive PDF's, eBooks, and ebooks. Learn how to design, build, and organize digital publications using media-rich content for multiple formats. The use of typography, color and visual hierarchy will be emphasized to create well-designed, user-friendly digital formats. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $436 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: (1) Grade of C or better in CDN 200 and CDN 201 or (2) consent of instructor.
Semester(s) Offered: Spring

CDN 230 Introduction to Videography (3)  1,4
An introduction to videography and motion graphics, students will use graphic abstractions, digital and/or traditional photography and digital video to develop concepts of kinetic imagery. Aesthetic and practical considerations employed in effective multimedia design are presented. Possible projects include creating documentaries, reports on current events or the integration of background music to accompany slideshows of poems or artwork. (1.1) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $451 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring

CDN 232 Sound Design (3)  1,4
This course introduces sound design principles as applied to moving pictures and interactive systems. Beginning with an introduction to acoustics, creative use of sound is explored through field recordings and the use of digital audio workstations. Students use original sound recordings as well as those sampled from sound libraries in order to create sound pieces to be used with or without images. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $451 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in CDN 230 or concurrent enrollment in CDN 230 or consent of instructor.
Semester(s) Offered: Fall

CDN 233 Video Editing & Field Production (3)  1,4
This course integrates single camera digital video production with editing in order for students to produce short form videos. Issues relating to the use of digital video cameras, recording live audio and lighting techniques will be examined and applied under field conditions. Student composition of basic production scripts will guide their workflow. Editing will be performed with a non-linear editor. Synchronized multicamera events videography will be introduced. Encoding of various media formats will also be addressed. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $451 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in CDN 230 or consent of instructor.
Semester(s) Offered: Fall

CDN 234 Video Editing & Studio Production (3)  1,4
This course combines studio production of digital video and non-linear editing to create short form videos. Students will learn to use advanced digital video cameras; set up studio lighting; synchronize multiple cameras and to record and mix audio with video. Chromakey compositing (green screen) will be explored. Emphasis will be placed on teamwork and project management methodologies. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $451 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in CDN 230 or consent of instructor.
Semester(s) Offered: Spring

CDN 235 Special Topics in Graphic Design (1-3)  5,1
(.5-1,1-4) Practical application and individual development in the field of graphic design. Directed specialized study under instructor supervision. Students will develop a plan of study with the instructor or the instructor will propose a specialized area of study. This course is used to increase skills and knowledge in the graphic design field. Course is repeatable to 12 credits. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $426 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Consent of instructor
Semester(s) Offered: Varies

CDN 236 Motion Graphics and Special Effects (3)  1,4
Film and video use special motion graphics and special effects to transform the appearance of objects over time. Students will generate examples of the typography and graphics effects similar to those used in the opening sequences of a film or television show. Other outcomes include motion logos, banners and lower third descriptors. Topics include keying, generators, layered objects, particles and text effects. Course is repeatable to nine credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $436 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in CDN 230 or concurrent enrollment in CDN 230 or consent of instructor.
Semester(s) Offered: Spring
CDN 239 Video Production Capstone (2) 1,2
A capstone course designed to build on the student's cumulative experiential work in the process and craft of producing video through application and practice. The student will generate a short movie, either a non-fiction documentary/event video or a fictional dramatic narrative. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $319 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in CDN 233 and CDN 234 or consent of instructor
Semester(s) Offered: Varies

CDN 240 Portfolio Review (2) 1,3
This course is the capstone for the Communication Design Program. Students work to refine and expand upon previous works. Effective presentation skills and project refinements are covered. Each student will create and develop a professional portfolio and exhibit at the end of the semester in the Communication Departments annual Portfolio Exhibition. (1.2) Proficiency Credit Available Pass/No Credit Available.
In-District Tuition/Fees: $304 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Consent of instructor.
Semester(s) Offered: Spring

Communication Studies (CMS)

CMS 101 Fundamentals of Speech (3) 3,0
Introductory public speaking course designed to develop research, delivery and organization skills. Particular attention is focused on finding, structuring and supporting ideas, as well as on increasing confidence and poise in a variety of speaking situations. (1.1) Fulfills the ECC/IAI General Education/Communications requirement. IAI Course Number: C2 900
Proficiency Credit Available Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.+
Semester(s) Offered: Fall, Spring and Summer

CMS 102 Public Speaking (3) 3,0
Advanced public speaking course. Theory and practice focuses on possible approaches to the preparation and delivery of informative and persuasive speeches. Sources of material, organizational patterns, persuasive strategies related to audience analysis, and the various methods of presentation are examined. (1.1) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in CMS 101
Semester(s) Offered: Varies

CMS 106 Introduction to Film Appreciation (3) 3,0
History, methods and social implications of film as an art form. Special emphasis on evaluation and criticism of films. (1.1) Fulfills the ECC/IAI General Education/Fine Arts requirement. IAI Course Number: HF 908
Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.+
Semester(s) Offered: Fall, Spring and Summer

CMS 112 Special Topics in Speech (1-3) 1,0
(1-3, 0) A course designed to meet varied needs expressed by students and community groups for developing knowledge and skills in methods, types and practical applications of oral communication. Course is repeatable to twelve credits. (1.1) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall and Spring

CMS 120 Oral Interpretation of Literature (3) 3,0
Designed to improve the performance of oral reading for personal enjoyment and professional advancement. Special emphasis on the acquisition of skills aimed at increasing audience reaction and feedback. Focuses on the analysis and presentation of a variety of literature, essays and speeches. (1.1) IAI Major: TA916 Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Varies
CMS 130 Business and Professional Speaking (3)  3,0
Effective professional communication will be accomplished through skills development. Skills needed for effective communication will be identified. Methods for developing and improving skills will be applied. Areas of concentration will be small group communication, interviewing, person-to-group speaking and interpersonal communication. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: None
Semester(s) Offered: Varies

CMS 146 Forensics Practicum (3)  2,3
Open to students competing with the forensic team, this class will foster the development of communication skills through the creation and use of performance materials (speeches, interpretive cuttings and debate) in speech contests. Students are expected to participate in regular practice sessions where critiques of performance will be given and to use those critiques to prepare effective material which they will use when participating in competitive events. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Consent of instructor
Semester(s) Offered: Fall and Spring

CMS 203 Group Communication (3)  3,0
This course provides an introduction to the theories of group communication and provides students with practical opportunities to use those theories to develop effective group communication skills. Students are expected to demonstrate both practical and theoretical understanding of problem-solving and decision making group contexts and the issues which groups must address to be effective. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.

Semester(s) Offered: Varies

CMS 210 Interpersonal Communication (3)  3,0
Course addresses effective communication in personal relationships by examining principles and theories of communication; studying communication barriers and breakdowns and focusing on theories about self-concept and conflict management. (1.1) IAI Major: MC 901 Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.

Semester(s) Offered: Fall and Spring

CMS 215 Intercultural Communication (3)  3,0
This course presents principles and theories of intercultural communication and examines how culture influences the communication process. It reviews major theories of multi-intercultural communication, the universal human processes that contribute to cultural differences, and the practical approaches to communicating more effectively with persons from other cultures. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.

Semester(s) Offered: Fall and Spring

CMS 216 Argumentation (3)  3,0
Introduces the student to theories of argumentation with emphasis on the nature of argument, proofs and evidence, constructing arguments, attack and defense of arguments, fallacies of arguments and the use of logical and persuasive reasoning. Students are expected to design and orally defend and attack argumentative messages. (1.1) IAI Major: MC 905 Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in CMS 101
Semester(s) Offered: Varies

CMS 230 Interviewing (3)  3,0
This course will supply students with practical and theoretical interviewing experience to be a successful interviewer and interviewee. This course will examine various types of interviews (informative, persuasive, employment related, etc.). Through this course, students will not only learn the skills of "how to" be an effective interviewer/ee, but also learn why these skills are important. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in CMS 101
Semester(s) Offered: Varies

Computed Tomography Imaging (CTI)

SPECIAL NOTE: For more information on ECC’s advanced imaging programs, go to elgin.edu/medicalimaging (https://elgin.edu/academics/departments/medical-imaging/).

A criminal background check and drug test MAY be required prior to enrollment.
CTI 100 CT Physical Principles I (3)  2,2
CT Physical Principles I introduces the student to physical principles and image acquisition parameters of computed tomography, surveys instrumentation and digital processing parameters, and discusses scanning techniques as applied to single and multi-slice spiral CT. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $499 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Acceptance in to the Computed Tomography Imaging program
Semester(s) Offered: Fall

CTI 101 CT Procedures I (3)  2,2
This course provides detailed coverage of procedures for CT imaging. Procedures include, but are not limited to, indications for the procedure, patient education, preparation, orientation and positioning, patient history and assessment, contrast media usage, scout image, selectable scan parameters, filming and archiving of the images. CT procedures will be taught for differentiation of specific structures, patient symptomology and pathology. CT images studied will be reviewed for quality, anatomy and pathology. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $499 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Acceptance into the Computed Tomography Imaging program or consent of instructor
Semester(s) Offered: Fall

CTI 103 CT Clinical Practicum I (3)  0,15
In CT Clinical Practicum I content and clinical practice experiences should be designed to sequentially develop, apply, critically analyze, integrate, synthesize and evaluate concepts and theories in the performance of radiologic procedures. Through structured, sequential, competency-based clinical assignments, concepts of team practice, patient-centered clinical practice and professional development are discussed, examined and evaluated. Clinical practice experiences should be designed to provide patient care and assessment, competent performance of radiologic imaging and total quality management. Levels of competency and outcomes measurement ensure the well-being of the patient preparatory to, during and following the radiologic procedure. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $499 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Acceptance into the Computed Tomography Imaging program or consent of instructor
Semester(s) Offered: Fall

CTI 200 CT Physical Principles II (3)  2,2
CT Physical Principles II introduces the student to the principles of single slice, multi-slice and volume scanning computed tomography as they pertain to radiation dose in adults and pediatrics. It will also cover post-processing techniques, PET/CT, and quality control. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $499 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in CTI 100 or consent of instructor
Semester(s) Offered: Spring
CTI 201 CT Procedures II (3) 2,2
Content provides detailed coverage of procedures for CT imaging. Procedures include, but are not limited to, indications for the procedure, patient education, preparation, orientation and positioning, patient history and assessment, contrast media usage, scout image, selectable scan parameters, filming and archiving of the images. CT procedures will be taught for differentiation of specific structures, patient symptomology and pathology. CT images studied will be reviewed for quality, anatomy and pathology. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $499 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in CTI 101 or consent of the instructor
Semester(s) Offered: Spring

CTI 204 CT Clinical Practicum II (4) 0,20
In CT Clinical Practicum II content and clinical practice experiences should be designed to sequentially develop, apply, critically analyze, integrate, synthesize and evaluate concepts and theories in the performance of radiologic procedures. Through structured, sequential, competency-based clinical assignments, concepts of team practice, patient-centered clinical practice and professional development are discussed, examined and evaluated. A comprehensive "mock" registry will be given at the conclusion of the course. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $631 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in CTI 101 or consent of the instructor
Semester(s) Offered: Spring

CAD 101 Introduction to Engineering Design (4) 2,4
This course is an introduction to engineering and design. Topics included are: sketching, orthographic projection, descriptive geometry, dimensioning, section views, auxiliary views, primary and secondary views, threads, fasteners, and production drawings. All problems will be solved using CAD software. Repeatable to 12 credit hours (1.2) Proficiency Credit Available (2 LETSIR) Pass/No Credit Available.

In-District Tuition/Fees: $608 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring

CAD 105 Pro/ENGINEER Basic Design Training (3) 2,2
This course covers the basic functions needed to use Pro/ENGINEER to create parts, drawings, and assemblies. Emphasis is on the Pro/ENGINEER design philosophy used in creating parts and assemblies. Hands-on time with Pro/ENGINEER is maximized in this course. Labs are taught on the latest technology Windows 2000 work stations. Both part and assembly design, along with basic drawing creation, are presented. Students construct "real world" parts and assemblies using "Top-Down" Design, with the instructor acting as an expert consultant. Students must be prepared to put in at least two-four hours of extra lab time each week. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $476 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring

CAD 108 Intro to Micro-CAD AutoCAD (3) 2,2
This course will provide the opportunity for students to familiarize themselves with the most popular micro-base computer aided drafting software available today-AutoCAD. The class consists of lectures and labs. The student will become familiar with window hardware configuration and basic system commands. Course is repeatable to six credits. (1.2) Proficiency Credit Available (2 LETSIR) Pass/No Credit Available.

In-District Tuition/Fees: $476 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None Recommended: Knowledge of drafting and microcomputers
Semester(s) Offered: Fall and Spring

CAD 109 Foundations of Architectural Design (3) 2,2
This course covers the introductory concepts of residential and light commercial architectural design. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $476 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in CAD 108 or consent of instructor
Semester(s) Offered: Varies

Computer Aided Design (CAD)

All CAD courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.
CAD 111 Pro/E Adv Part & Assembly Design (3) 2,2
This course, covering advanced topics and techniques used during part and assembly design, is structured for the experienced Pro/ENGINEER user to become more productive. Functionality in the Pro/FEATURE module is also covered. Labs are taught on the latest technology Windows 2000 work stations. Students must be prepared to put in at least two-four hours of extra lab time each week. Repeatable to six credits. (1.2) Proficiency Credit Available (2 LETSIR) Pass/No Credit Not Available.
In-District Tuition/Fees: $476 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: CAD 105 or consent of instructor
Semester(s) Offered: Fall and Spring

CAD 115 Pro/E Production Drawing & Detailing (3) 2,2
This course covers detailing and drafting capabilities utilized within Pro/ ENGINEER to produce complete detailed drawings. Detailing and drafting functionality of Pro/ENGINEER and Pro/DETAiL is explained. Students use Pro/ENGINEER's markup capabilities to check a drawing and Pro/REPORT to help document drawings. Labs are taught on the latest technology Windows 2000 work stations. Students must be prepared to put in at least two-four hours of extra lab time each week. Course is repeatable to nine credits. (1.2) Proficiency Credit Available (2 LETSIR) Pass/No Credit Not Available.
In-District Tuition/Fees: $476 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: CAD 105 or consent of instructor
Semester(s) Offered: Varies

CAD 118 Computer Graphics Advanced AutoCAD (3) 2,2
This course is designed for the advanced AutoCAD user. It will allow the student to dig deeper into the software and prepare them to work in a production environment. The course is divided into two halves. The first half of the course covers advanced 2D concepts such as external references, geometric calculator, layer filters, ctb files, custom viewports, publishing, DWF files, etc. The second half of the course will introduce the student to the world of 3-D using the solid modeling features of AutoCAD. Not only will the student learn to master the use of the multitude of modeling commands, they will also learn how to create photorealistic representations of their work. Repeatable to nine credits; only three credits may apply toward a degree or certificate. (1.2) Proficiency Credit Available (2 LETSIR) Pass/No Credit Not Available.
In-District Tuition/Fees: $476 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: CAD 108 or consent of instructor
Semester(s) Offered: Varies

CAD 119 Advanced Architectural Design (3) 2,2
This course will provide comprehensive instruction for preparing architectural working drawings using traditional and computer-based methods. Design and construction principles and methods will be fully presented. The class will be focused around the design-building process, so as to make the topics easy to understand and appealing to students. Advanced topics and concepts are covered in this advanced class including green design, alternative energy uses/sources, alternative materials & techniques, client presentation methods, and employment search tactics. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $476 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in CAD 108 and CAD 109
Semester(s) Offered: Varies

CAD 120 Introduction to SolidWorks (3) 2,2
This course provides comprehensive instruction for users, or prospective users of the SolidWorks parametric modeling application program. The class will provide the opportunity for students to familiarize themselves with the software and complete multiple modeling projects. The class consists of lectures and labs. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $476 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring

CAD 121 Advanced Concepts in SolidWorks (3) 2,2
Exploration of advanced solid modeling techniques for product design and manufacturing using SolidWorks Parametric modeling software. Students will learn how to take computer sketches and transform them into 3 Dimensional Features. Parametric modeling techniques will be further explored to teach students how to create computer models of plastic molded parts, castings, and sheet metal. Students will also learn Photorealistic rendering and animation of 3 dimensional models to visually communicate design ideas. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $476 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in CAD 120
Semester(s) Offered: Varies

CAD 130 Introduction to Revit (3) 2,2
This course provides comprehensive instruction for users, or prospective users, of the Revit 3-dimensional architectural modeling application program. The class will provide the opportunity for students to familiarize themselves with the software and complete multiple architectural modeling projects. The class consists of lectures and labs. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $476 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Varies
**CAD 131 Advanced Concepts in Revit (3) 2,2**
Advanced Concepts in Revit explores solid modeling techniques for design and modeling using Revit 3-dimensional modeling software. Students will learn how to follow customer specifications and transform them into 3 dimensional architectural models. Advanced Revit features and modeling techniques will be further explored to teach students how to create computer models of specific architectural details as well as finished products for release. Students will learn photo-realistic rendering and animation of the Revit generated architectural models so as to visually communicate design ideas to clients and employees. (1.2) Proficiency Credit Available (2 LETSIR) Pass/No Credit Not Available.

In-District Tuition/Fees: $476 (effective 2020/21 academic year)

Prerequisite: Grade of C or better in CAD 130

Semester(s) Offered: Varies

**CAD 205 Geometric Dimensioning & Tolerancing (3) 2,2**
Geometric Dimensioning and Tolerancing (GD&T) is an international language that is used in engineering drawings to accurately describe a part to be manufactured. The GD&T language consists of a well-defined set of symbols, rules, definitions, and conventions. GD&T is a precise mathematical language that can be used to describe the size, form, orientation, and location of parts features. GD&T is also a design philosophy on how to design and dimension parts. In this class the student will be learning the basics of GD&T and how they apply to the world of manufacturing today. (1.2) Proficiency Credit Available (2 LETSIR) Pass/No Credit Not Available.

In-District Tuition/Fees: $476 (effective 2020/21 academic year)

Prerequisite: CAD 101 or EGR 101 or consent of instructor

Semester(s) Offered: Spring

**CAD 206 Industrial Design Problems (4) 2,4**
Study of actual and theoretical industrial drafting problems. Emphasis on use of specifications, standards and newest materials using current industrial drafting practice. Complete engineering with assembly, detail drawings and bill of materials is accomplished by the student. Combines lecture and laboratory. Repeatable to 12 credit hours. (1.2) Proficiency Credit Available (2 LETSIR) Pass/No Credit Not Available.

In-District Tuition/Fees: $608 (effective 2020/21 academic year)

Prerequisite: Grade of C or better in EGR 101 or CAD 101 or consent of instructor

Semester(s) Offered: Spring

**CAD 208 Applied Descriptive Geometry & Statics (4) 4,0**
Applied descriptive geometry and statics course context allows the student to apply the skills learned in descriptive geometry for the solution of technical engineering problems. CAD 208 also consists of statics, dynamics, kinematics, kinetics, mechanisms, and hydraulics problems. Through the study of these disciplines, the student is taught how to design and lay out the products of industry and the structures of civil engineering. (1.2) Proficiency Credit Available (2 LETSIR) Pass/No Credit Not Available.

In-District Tuition/Fees: $608 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Grade of C or better in EGR 101 or CAD 101 or consent of instructor

Semester(s) Offered: Spring and Summer

**CAD 211 Pro/E Pro/SURFACE (3) 2,2**
This course covers advanced feature creation utilizing the Pro/SURFACE module. Surface feature and supporting geometry creation, manipulation, and technique are discussed. Functions for inspecting surface quality and verifying consistency between neighboring surfaces are also covered. Students generate various types of parametric surfaces and features used to create solid models. A variety of models are created to familiarize students with the course topics. Extensive work is done with double-curved surfaces and rounds. Labs are taught on the latest technology Windows 2000 work stations. Students must be prepared to put in at least two-four hours of extra lab time each week. Course is repeatable to six credits. (1.2) Proficiency Credit Available (2 LETSIR) Pass/No Credit Not Available.

In-District Tuition/Fees: $476 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: CAD 206 or CAD 207 or CAD 208 and CAD 111 or consent of instructor

Semester(s) Offered: Varies
Computer Information Systems (CIS)

All CIS courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.
CIS 120 Cyberlaw and Ethics (3)  3.0
This course provides students with advanced knowledge about the current laws and regulations of cyberspace. It covers basic laws and ethical behavior associated with e-commerce security, privacy, and network security. In addition, it highlights legal issues involved in technology. Students examine best practices in ethical aspects of cybersecurity. (1.2) Proficiency Credit: Available (2 S) Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria.
Semester(s) Offered: Fall and Spring

CIS 121 Computer Science I (4)  4.0
This course is an introduction to computer programming, emphasizing a disciplined approach to problem-solving and algorithm development. Students will learn program design and structured programming techniques using selection, repetition, and sequence control structures. Topics will include storage and variables, procedural and data abstraction, parameter passing, arrays, records, data files, program-testing, documentation, and proper programming style. (1.1) Proficiency Credit Available (3 TIC) Pass/No Credit Available.
In-District Tuition/Fees: $548 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in MTH 098 or MTH 099, or satisfaction of other placement criteria or in two years high school algebra or consent of instructor.
Semester(s) Offered: Fall and Spring

CIS 123 Computer Science for Engineers (4)  4.0
This course is an introduction to computer programming with a strong emphasis on mathematical applications relevant to science and engineering. Students will learn a disciplined approach to problem-solving and algorithm development using selection, repetition, and sequence control structures. Programming topics will include an introduction to basic hardware and operating systems, storage and variables, procedural and data abstraction, parameter passing, arrays, strings, data files, error-handling, program-testing, documentation, and proper programming style. Mathematical topics will include matrices, linear interpolation, convergence, linear regression, roots of functions, solution of simultaneous linear equations, graphing, and numerical integration. This course will be taught using the C++ programming language. (1.1) IAI Major: CS 911 Proficiency Credit Not Available Pass/No Credit Available NOTE: This course is offered concurrently as MTH 123. The student must decide whether to earn credits in Computer and Information Sciences (CIS) or Mathematics (MTH) prior to enrolling.
In-District Tuition/Fees: $553 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in MTH 190, or equivalent college credit or consent of instructor
Semester(s) Offered: Fall and Spring

CIS 127 Discrete Structures (3)  3.0
This course is an introduction to analysis of finite collections and the mathematical foundations of computing. It is intended for students intending to major in Computer Science. Topics include computer system design, data structures, algorithms, sets, logic, arrays and vectors, number systems, counting, recursion, graph theory, trees, and Boolean algebra. Students will explore these topics by writing computer programs to apply and test the concepts they learn. (1.1) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $411 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in MTH 112 and CIS 121 or CIS 123 or consent of instructor
Semester(s) Offered: Fall

CIS 142 Database Software (2)  2.0
Effective 2020 Summer this course will be withdrawn. This course teaches how to design and create a relational database, as well as how to create reports, data entry screens, write simple applications, troubleshoot database problems, and perform advanced queries. See the schedule for the specific software package used. Course is repeatable to eight credits. (1.2) Proficiency Credit Available (2 T) Pass/No Credit Available.
In-District Tuition/Fees: $274 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None Recommended: CIS 110 or CIS 144 or familiarity with Microsoft Windows
Semester(s) Offered: Fall, Spring and Summer

CIS 143 Spreadsheet Software (2)  2.0
Effective 2020 Summer this course will be withdrawn. This course covers beginning through advanced spreadsheet topics, including spreadsheet design and manipulation, advanced function use, charts, use of multiple worksheets, database features, macros, integration with other applications, configuration, customization, and troubleshooting. See the schedule for specific software packages used. Course is repeatable to eight credits. (1.2) Proficiency Credit Available (2 T) Pass/No Credit Available.
In-District Tuition/Fees: $274 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None Recommended: CIS 110 or CIS 144 or familiarity with Microsoft Windows.
Semester(s) Offered: Fall, Spring and Summer
CIS 147 Internet Publishing (1) 1,0
This course will introduce the basics of creating and publishing web pages on the Internet. Students will learn HTML (Hypertext Markup Language) and how to publish their HTML pages on an Internet server using FTP (File Transfer Protocol) and how to use a WYSIWYG web page editor. The topics will include the basic markup codes, linking to other pages, graphics, lists, tables, multimedia, and an introduction to forms and CGI. Students will create their own "web" on a server. Course is repeatable to four credits. (1.2) Proficiency Credit Available (2 S) Pass/No Credit Available.
In-District Tuition/Fees: $137 (effective 2020/21 academic year)
Semester(s) Offered: Fall and Spring
CIS 148 Web Page Markup Language (2) 2,0
This course concentrates specifically on the syntax of web page markup languages. It is intended for those who wish to have more control over their web pages, for those who wish to design web sites using the newest standards, for those who wish to create websites compatible with mobile devices, and for those who will be writing computer programs to automatically generate web pages. All page editing will be done using a simple text editor. (1.2) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $274 (effective 2020/21 academic year)
Prerequisite: None Recommended: CIS 110. Students should have prior experience browsing the Internet's World-Wide Web and using Microsoft Windows.
Semester(s) Offered: Fall and Spring
CIS 149 User Interface Design Principles (1) 1,0
This course is an overview of basic principles of user interface design and graphic design as they apply to programmers. Emphasis will be on user interface design for programs written for Microsoft Windows and other GUI (Graphical User Interface) environments, and also how these design principles apply to interactive web sites on the Internet. Basic graphic design principles will also be applied to GUI applications and Internet page design. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $137 (effective 2020/21 academic year)
Prerequisite: CIS 148 or concurrent enrollment in CIS 148
Semester(s) Offered: Varies
CIS 170 Introduction to Digital Forensics (3) 2,2
This course provides students with an overview of digital forensics techniques and investigation process. It focuses on the use of the most popular forensics tools and provides specific guidance on the investigation process of matters relating to the law and technology. Topics include the representation of data, preserving data, recovering data from multiple sources, and legal issues unique to digital forensics investigations process. The course also assists students in establishing the basis for preparing for a certification in digital forensics. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $436 (effective 2020/21 academic year)
Prerequisite: None Recommended: CIS 110
Semester(s) Offered: Fall and Spring
CIS 171 Introduction to Cyber Crimes (2) 2,0
This course will acquaint the student with the various types of computer-related crimes and the legal issues involved in investigation. (1.2) Proficiency Credit Available (2 TI) Pass/No Credit Not Available.
In-District Tuition/Fees: $264 (effective 2020/21 academic year)
Prerequisite: None
Semester(s) Offered: Varies
CIS 205 Visual Programming (4) 4,0
This course teaches how to program with a "visual" programming languages, such as Visual Basic. You will learn to write software using the various controls available in a graphical user interface, and learn how to best design programs using those controls. An important emphasis will be data access, manipulation, and queries with the available data controls. Course is repeatable to sixteen credits. (1.2) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $548 (effective 2020/21 academic year)
Prerequisite: Grade of C or better in CIS 105 or CIS 121 or consent of instructor Recommended: CIS 110 or familiarity with Microsoft Windows
Semester(s) Offered: Varies
CIS 207 Object-Oriented Programming (4)  4.0
This course is an introduction to object-oriented programming for students who have already learned programming in another computer language. Object-oriented programming is the most widely-used modern programming paradigm. The course will introduce how to design larger programs by structuring them into multiple classes and objects with a variety of relationships between those classes, such as association, composition, and inheritance. The students will learn how to create stand-alone applications and applets for deployment over the Internet. These techniques will be applied to the building of sophisticated graphical user interfaces (GUI). Advanced topics, such as various development environments, or application projects such as object-oriented programming for programming robots, may vary by section. This course will be taught using the Java, C++, or C# programming language.

Prerequisite: Grade of C or better in CIS 121 or consent of instructor.+
Semester(s) Offered: Fall and Spring

CIS 210 Intro to Database Design/Management (3)  3.0
This course covers the introduction to relational database management systems. It uses fundamental concepts in database design, database modeling techniques, and Structured Query Language (SQL) programming techniques while providing hands-on exercises in which students apply these concepts and techniques. Design and manipulation of relational databases will be emphasized. Students will implement a relational database from initial requirements and conceptual design (ER Diagram) to the physical database in a modern enterprise relational database management system (RDMS). Course is repeatable to 12 credits. (1.2) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $548 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Grade of C or better in CIS 110 or consent of instructor.+  
Semester(s) Offered: Fall and Spring

CIS 215 Multimedia Technologies (2)  2.0
This course is an introduction to software and hardware used for graphics, sound, and motion video. Students will learn to use basic presentation software, and they will learn the basics of multimedia types and delivery on the internet. Topics will include image formats, scanners, image editing software, audio and video formats, software recording and playback, and multimedia streaming on the web. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available. 

In-District Tuition/Fees: $274 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Grade of C or better in CIS 110 or consent of instructor  
Semester(s) Offered: Fall and Spring

CIS 211 Computer Operating Systems/Microsoft (3)  2.2
This hands-on course offers an in-depth study of the functions and features of installing, configuring, troubleshooting and maintaining current Microsoft Windows desktop operating systems. Topics include performing attended and unattended installations, monitoring and managing files and folders, troubleshooting hardware devices and drivers, configuring the desktop environment, power management, and optimizing system performance and reliability. This course should prepare the student for the Microsoft certification exam for the operating system.

Course is repeatable to nine credits only three credits may apply toward a degree or certificate. (1.2) Proficiency Credit Available (3IST) Pass/No Credit Available.

In-District Tuition/Fees: $416 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Grade of C or better in CIS 110 or CIS 105 or CIS 121 or consent of instructor

Semester(s) Offered: Fall

CIS 212 Linux Operating Systems (3)  3.0
In this introduction to using the Linux operating system, students will learn the basics of using the command line for navigation and file management and learn the use of basic Linux utilities. Students will learn to use text editors and basic scripting and scheduling for processes. Other topics include Linux installation, software updates, graphical user interfaces, and open source Linux applications. (1.2) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $416 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Grade of C or better in CIS 110 or CIS 105 or CIS 121 or consent of instructor

Semester(s) Offered: Fall

CIS 221 Computer Operating Systems/Unix (3)  3.0
This hands-on course offers an in-depth study of the functions and features of installing, configuring, troubleshooting and maintaining current Linux desktop operating systems. Topics include performing attended and unattended installations, monitoring and managing files and folders, troubleshooting hardware devices and drivers, configuring the desktop environment, power management, and optimizing system performance and reliability. This course should prepare the student for the Linux certification exam for the operating system.

Course is repeatable to nine credits only three credits may apply toward a degree or certificate. (1.2) Proficiency Credit Available (3IST) Pass/No Credit Available.

In-District Tuition/Fees: $416 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Grade of C or better in CIS 110 or CIS 105 or CIS 121 or consent of instructor

Semester(s) Offered: Fall and Spring

CIS 222 Linux Operating Systems (3)  3.0
In this introduction to using the Linux operating system, students will learn the basics of using the command line for navigation and file management and learn the use of basic Linux utilities. Students will learn to use text editors and basic scripting and scheduling for processes. Other topics include Linux installation, software updates, graphical user interfaces, and open source Linux applications. (1.2) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $416 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Grade of C or better in CIS 110 or CIS 105 or CIS 121 or consent of instructor

Semester(s) Offered: Fall

CIS 223 Computer Science II (4)  4.0
This second course in computer science introduces more advanced topics in programming, with emphasis on data structures and file manipulation. Topics will include design and implementation of large-scale problems, program verification, dynamic memory allocation, data structures, file processing, and an introduction to object-oriented programming. This course will be taught using the C++ programming language. (1.1) Proficiency Credit Available (3 C) Pass/No Credit Available.

In-District Tuition/Fees: $548 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Grade of C or better in CIS 110 or CIS 123 or MTH 123 or consent of instructor

Semester(s) Offered: Fall and Spring
CIS 226 Computer Science III (4)  4,0
This course concentrates on algorithms, algorithm analysis, and advanced data structures. Algorithm approaches such as divide-and-conquer, dynamic, greedy, and back-tracking are considered. Complexity analysis is used to compare algorithm efficiency. Students will learn further use of object-oriented programming to implement ADTs such as graphs, sets, heaps, and hash tables. (1.1) Proficiency Credit Not Available Pass/No Credit Available.  
In-District Tuition/Fees: $548 (effective 2020/21 academic year)  
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).  
Prerequisite: CIS 223 or consent of instructor  
Semester(s) Offered: Spring

CIS 227 Computer Organization (3)  3,0
This is a course in basic computer architecture. The function of the CPU, memory systems and organization, input/output devices, busses and interruptors will all be included. Students will learn basic digital logic, instruction sets, microprogramming, and assembly language. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.  
In-District Tuition/Fees: $396 (effective 2020/21 academic year)  
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).  
Prerequisite: Grade of C or better in CIS 127 or concurrent enrollment in CIS 127 or consent of instructor  
Semester(s) Offered: Varies

CIS 229 Computer Science Independent Study (2-6)  4  
(0, 4-12) This course permits the student to do research in a particular area of his/her interest in computer science with minimal assistance from the instructor. Course is repeatable to six hours. (1.2) Proficiency Credit Available (2 IC) Pass/No Credit Available.  
In-District Tuition/Fees: $807 (effective 2020/21 academic year)  
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).  
Prerequisite: Demonstrated ability to excel in an area of interest with consent of instructor  
Semester(s) Offered: Varies

CIS 230 Computer Hardware & Troubleshooting (4)  2,2  
This class covers the basic hardware components, assembling the components into a working system. The course will also cover hardware peripherals such as printers, scanners, and displays as well as basic networking. Students will gain a complete, step-by-step approach for learning the fundamentals of supporting and troubleshooting computer hardware. This course maps fully to CompTIA’s latest A+ Exam objectives. (1.2) Proficiency Credit Available 2 Z Pass/No Credit Available.  
In-District Tuition/Fees: $553 (effective 2020/21 academic year)  
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).  
Prerequisite: Grade of C or better in CIS 110 or CIS 105 or consent of the instructor.  
Semester(s) Offered: Fall and Spring

CIS 231 Intro to Windows OS (3)  2,2  
This hands-on course offers an in-depth study of the functions and features of installing, configuring, troubleshooting and maintaining current Microsoft Windows desktop operating systems. Topics include performing attended and unattended installations, monitoring and managing files. Students will gain a complete, step-by-step approach for learning the fundamentals of supporting and troubleshooting computer software. This course maps fully to CompTIA’s A+ Exam objectives. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.  
In-District Tuition/Fees: $411 (effective 2020/21 academic year)  
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).  
Prerequisite: Grade of C or better in CIS 230 or consent of instructor.  
Semester(s) Offered: Fall and Spring

CIS 236 Special Topics in Computer Science (.5-3)  3,6  
(.5-3, 1-6) Designed to satisfy specific needs or interests of students and the community. The following guidelines are to be used in selecting topics: 1) adequate and available material on special topic; 2) comprehensive outlines for each topic; and, 3) course should be designed to increase skill and knowledge in field of data processing. Course is repeatable to 12 credits. (1.2) Proficiency Credit Not Available Pass/No Credit Available.  
In-District Tuition/Fees: $81 (effective 2020/21 academic year)  
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).  
Prerequisite: None  
Semester(s) Offered: Varies

CIS 241 Word Processing Applications (2)  2,0  
This course covers beginning through advanced word processing topics that prepare you to achieve the Microsoft Word Certification. These topics include creating and managing letters, tables, research papers, Web content; merging documents; creating forms; embedding and linking objects; using Macros; and troubleshooting. Students in this course will complete the official Microsoft Word Certification exam as the course final. See the schedule for specific software packages used. (1.2) Proficiency Credit Available (3 S) Pass/No Credit Available.  
In-District Tuition/Fees: $264 (effective 2020/21 academic year)  
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).  
Prerequisite: None Recommended: Working Knowledge of Microsoft Windows  
Semester(s) Offered: Fall, Spring and Summer
CIS 242 Spreadsheet Applications (2)  2,0
This course covers beginning through advanced spreadsheet topics that prepare you to achieve the Microsoft Excel Certification. These topics include creating and managing worksheets and workbooks; managing data cells and ranges; creating tables; performing operations with formulas and functions; creating charts and objects; and troubleshooting. Students in this course will complete the official Microsoft Excel Certification exam as the course final. See the schedule for specific software packages used. (1.2) Proficiency Credit Available (3 S) Pass/No Credit Not Available.
In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

CIS 243 Presentation Applications (2)  2,0
Recommended: Working Knowledge of Microsoft Windows This course covers beginning through advanced presentation topics that prepare you to achieve the Microsoft PowerPoint Certification. These topics include creating and managing presentations; inserting and formatting text, shapes, and images, tables, charts, SmartArt, and media; applying transitions and animations; managing multiple presentations; and troubleshooting. Students in this course will complete the official Microsoft PowerPoint Certification exam as the course final. See the schedule for specific software packages used. (1.2) Proficiency Credit Available (3 S) Pass/No Credit Not Available.
In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

CIS 244 Database Applications (2)  2,0
Recommended: Working Knowledge of Microsoft Windows This course covers beginning through advanced database topics that prepare you to achieve the Microsoft Access Certification. These topics include creating and managing a database; building tables; creating queries, forms, reports; and troubleshooting. Students in this course will complete the official Microsoft Access Certification exam as the course final. See the schedule for specific software packages used. (1.2) Proficiency Credit Available (3 S) Pass/No Credit Not Available.
In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

CIS 246 Programming Dynamic Web Pages (3)  2,2
This course will teach how to do client-side Internet programming with Javascript. Topics will include creating slide shows and active images, customizing web page content with Javascript programs, using data from querystrings and forms, creating calculators with forms, using new windows and redirection, validating form contents, and using cookies to maintain data. Course is repeatable to six credits. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $406 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: CIS 105 or CIS 121 and CIS 148 or consent of instructor. CIS 148 may be taken concurrently
Semester(s) Offered: Varies

CIS 247 Internet Programming (3)  2,2
This course will teach various ways to write programs that can be used over the Internet. The actual topics may change from semester to semester as the Internet itself continues to evolve. Students will learn client-side and server-side scripting using one or more common Internet programming languages, how to gather form data into a database, and how to deliver database information over the web. Course is repeatable to 12 credits. (1.2) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $411 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in CIS 105 or CIS 121 or consent of instructor Recommended: CIS 148
Semester(s) Offered: Varies

CIS 248 Internet Programming with PHP (3)  2,2
This course will teach how to do server-side Internet scripting with the language PHP. Topics will include gathering data from forms and querystrings, saving form information to data files on the server, reading and searching data files to create custom web pages on request, carrying information forward through multiple pages to create an interactive website, and various ways to use PHP to customize web pages and web sites from the server side. Course is repeatable to nine credits. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $411 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: CIS 105 or CIS 121 or consent of instructor Recommended: CIS 148
Semester(s) Offered: Varies

CIS 252 Network Fundamentals (3)  2,2
This course is an introduction to computer networks and networking devices. Topics include network topologies and architecture, Internet protocols, network hardware and media, the OSI and TCP/IP models, network scanners, and firewall and security appliances. This course maps to the CompTIA Network+ Exam Certification. (1.2) Proficiency Credit Available (2 T I) Pass/No Credit Not Available.
In-District Tuition/Fees: $411 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in CIS 231 or instructor consent.
Semester(s) Offered: Fall and Spring

CIS 252 Network Fundamentals (3)  2,2
This course is an introduction to computer networks and networking devices. Topics include network topologies and architecture, Internet protocols, network hardware and media, the OSI and TCP/IP models, network scanners, and firewall and security appliances. This course maps to the CompTIA Network+ Exam Certification. (1.2) Proficiency Credit Available (2 T I) Pass/No Credit Not Available.
In-District Tuition/Fees: $411 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in CIS 231 or instructor consent.
Semester(s) Offered: Fall and Spring
CIS 253 Principles of Cyber Security (3)  2,2  
This is a network security course in which students will learn to protect computer networks from various vulnerabilities and threats. Students will learn about common threats, system hardening, network and intrusion security tools, access control methods, authentication, encryption, redundancy, disaster response, and organizational security. This course is aligned to the goals of the CompTIA Security+ exam certification. (1.2) Proficiency Credit Available (2 TI) Pass/No Credit Not Available.  
In-District Tuition/Fees: $411 (effective 2020/21 academic year)  
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).  
Prerequisite: Grade of C or better in CIS 252 or consent of instructor.  
Semester(s) Offered: Fall  

CIS 256 Network Administration/Microsoft (3)  2,2  
This course will provide students with experience necessary to plan, install, manage and maintain a local area network with Microsoft server software. Students will install client and server network operating systems on systems in an Ethernet environment, and act as system managers to set up user and group accounts, administer user and group accounts, secure network resources, manage network print functions, audit resources and events and manage system policies. This course should prepare the student for the related Microsoft network administration certification exam. Course is repeatable to nine credits; only three credits may apply toward a degree or certificate. (1.2) Proficiency Credit Not Available Pass/No Credit Available.  
In-District Tuition/Fees: $416 (effective 2020/21 academic year)  
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).  
Prerequisite: Grade of C or better in CIS 231 or concurrent enrollment in CIS 231 or consent of instructor.  
Semester(s) Offered: Spring  

CIS 257 Serving the Internet/Microsoft (3)  2,2  
This course is designed to provide students with the course work and lab experience necessary to plan, install, manage, and maintain an Internet Information Server. This course will use both Web and FTP servers from Microsoft designed to operate on a Windows Server platform. Completion of this course should prepare the student to fully design, create, deploy, and manage Web sites. Course is repeatable to 12 credits. (1.2) Proficiency Credit Not Available Pass/No Credit Available.  
In-District Tuition/Fees: $411 (effective 2020/21 academic year)  
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).  
Prerequisite: CIS 256  
Semester(s) Offered: Varies  

CIS 260 Applied Technical Support (3)  2,2  
This course will expose the student to various help desk/field service tasks that will require use of knowledge gained through previous coursework in the degree program along with research into new situations and issues. The tasks will cover a variety of scenarios in system expansion, upgrades, maintenance, preventive maintenance, backup and data recovery, connectivity, and security. Typical problems encountered will include defective hardware, network problems, application program errors, user errors, local and network data recovery, and virus elimination. Course is repeatable to twelve credits. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.  
In-District Tuition/Fees: $411 (effective 2020/21 academic year)  
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).  
Prerequisite: Consent of Instructor  
Semester(s) Offered: Fall and Spring  

CIS 262 Applied Programming (3)  1,4  
This course will require students to apply their previous training in computer science to one or more large-scale programming tasks. Projects will be data-intensive and require a variety of acquired and research skills to complete, as well as a mixture of programming languages and applications software. The projects will be group-oriented and require students to work in teams. Coordinated team planning will be necessary. (1.2) Proficiency Credit Not Available Pass/No Credit Available.  
In-District Tuition/Fees: $411 (effective 2020/21 academic year)  
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).  
Prerequisite: Consent of Instructor  
Semester(s) Offered: Varies  

CIS 263 Ethical Hacking & Counter Measures (4)  4,3  
This course introduces students to a broad range of systems, applications, and network intrusions, prevention and detection. It provides an in-depth understanding of how to effectively protect computer systems and networks. Students will identify and analyze new vulnerabilities and apply innovative methods to protect systems and networks. Students will learn the tools and methodologies used by ethical hackers. (1.2) Proficiency Credit: Available (2 S) Pass/No Credit: Available.  
In-District Tuition/Fees: $528 (effective 2020/21 academic year)  
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).  
Prerequisite: Grade of C or better in CIS 253  
Semester(s) Offered: Fall and Spring
CIS 271 Application Device Evidence Recovery (3)  2,2
This lab intensive course will teach students how to analyze and recover potential evidence from digital media, applications, and operating systems. Students will utilize an industry standard self-contained digital forensics software suite, such as EnCase or Forensics Toolkit (FTK). Students will learn to use the software to manage cases, create evidence files, analyze disk and device images, use various search methods, and archive evidence. This course will also provide evidence recovery capabilities beyond what might be found in an all-in-one software suite. (1.2) Proficiency Credit Available (2 IS) Pass/No Credit Not Available.
In-District Tuition/Fees: $411 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Grade of C or better in CIS 170 or consent of instructor
Semester(s) Offered: Fall

Criminal Justice (CRJ)

All CRJ courses numbered 100 and above may be applied to the major field and elective requirement in the Associate for Arts and Associate in Science degrees.

CRJ 101 Introduction to Criminal Justice (3)  3,0
This course will approach the criminal justice system from an historical, developmental and philosophical perspective. Included will be the independent and interdependent relationships which exist between the components of the system as well as the connection with and impact upon society. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

CRJ 110 Introduction to Corrections (3)  3,0
This course provides students with an overview of the corrections system. Course includes historical development, philosophy and a variety of correctional methods. Both pre- and post-institutional techniques, probation and parole will be covered. (1.1) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

CRJ 111 Stress Management in Law Enforcement (3)  3,0
The purpose of this course is to develop an understanding of the stress faced by law enforcement officers and identify the sources of stress faced by the police officer, both internally and externally. Obtain an understanding of the physiology of stress, the zone of stability, and the causes of stress in policing. Methods of controlling and responding to stress will be reviewed, including physical and psychological techniques of stress management. (1.2) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: None
Semester(s) Offered: Fall

CRJ 120 Introduction to Probation and Parole (3)  3,0
This course will cover the organization and operation of probation and parole systems, including history, law, ideologies, evaluation, problems, supervision, investigations, halfway houses, work release, and future trends. (1.2) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: None
Semester(s) Offered: Fall

CRJ 160 Criminal Justice Report Writing (3)  2,2
This course will include the practical essentials for the preparation of notes, letters, bulletins, reports, statements and confessions as used throughout the criminal justice system. A review of grammar, usage, punctuation, structure and spelling will be covered. Clear, concise and accurate writing will be stressed. (1.2) Proficiency Credit Available (2 FET) Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: ENG 101
Semester(s) Offered: Fall and Spring

CRJ 165 Introduction to Forensic Science (3)  2,2
This course is intended to introduce the student to the field of Forensics Science as applied in the field by police officers and evidence technicians. The student will be introduced to the many aspects of working with evidence in a classroom setting while participating in hands-on application of many techniques in the location, collection, identification, and preservation of various categories of evidence in a field and lab setting. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $446 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: None
Semester(s) Offered: Fall
CRJ 170 Introduction to Computer Forensics (3)  2,2
Effective 2020 Summer this course will be withdrawn. This course will provide students with an overview of Computer Forensics techniques. Topics will include the representation of data on a computer, preserving data on suspect computers, recovering data from computer file systems, encryption and hash functions, steganography, password recovery techniques, available computer forensics tools, and legal issues unique to computer forensics investigations. (1.2) NOTE: This course is offered concurrently as CIS 170. The student must decide whether to earn credits in Criminal Justice (CRJ) or Computer and Information Sciences (CIS) prior to enrolling. Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $436 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None Recommended: CIS 110
Semester(s) Offered: Fall and Spring

CRJ 175 Terrorism and Homeland Security (3)  3,0
This course provides a basic overview of the issues and criminology of terrorism. It will discuss international terrorism from ethnic, nationalistic, and separatist perspectives and look at religious and ideological terrorism; both international and domestic. Specific terrorist organizations will be analyzed and discussed with specific attention given to future trends and behavior such as: suicide terrorism, Weapons of Mass Destruction, Cyberterrorism and other terrorist "tools of the trade". Homeland Security and counter-terrorism issues will be addressed along with the importance of intelligence sharing and governmental partnerships between federal, state, and local law enforcement and intelligence agencies. (1.2) Proficiency Credit Available (2 IEF) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Varies

CRJ 180 Crime Prevention (3)  3,0
This course provides a survey of crime prevention strategies as a specific function of police services requiring input from private, public and community interests. Examines the philosophy and organizational structure of crime prevention units. Explores the efficacy of neighborhood watch, target hardening and opportunity education programs and the potential problem areas. (1.2) Proficiency Credit Available Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring

CRJ 182 Police Operations (3)  2,2
This course is an introduction to the aspects of policing as a functional component of the criminal justice system. The primary emphasis is to introduce students to the historical developments of the police process and the problems involved with the functions of policing in American society. Topics will include the rights and responsibilities of the uniformed officer; manpower distribution theories; police personnel issues of unionism, educational and training requirements, other personnel problems, ethics, and corruption, community relations, including problem oriented policing; the police subculture as a distinct value system; an analysis of the relationship between police agencies and their communities; and an introduction to administrative theory. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: CRJ 101 or consent of instructor
Semester(s) Offered: Spring

CRJ 198 The Police Service (3)  3,0
This course is an introduction to the aspects of policing as a functional component of the criminal justice system. The primary emphasis is to introduce students to the historical developments of the police process and the problems involved with the functions of policing in American society. Topics will include the rights and responsibilities of the uniformed officer; manpower distribution theories; police personnel issues of unionism, educational and training requirements, other personnel problems, ethics, and corruption, community relations, including problem oriented policing; the police subculture as a distinct value system; an analysis of the relationship between police agencies and their communities; and an introduction to administrative theory. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in CRJ 101 and CRJ 198 or consent of instructor
Semester(s) Offered: Fall and Spring

CRJ 200 Police Operations (3)  2,2
This course studies the history and development of traffic and pedestrian law, and laws affecting attacks on police officers. It will examine the operations of patrol including accident investigation, and will include domestic violence, crimes in progress, felony stops, hostages, and incidents involving fire and hazardous materials, and courtroom testimony. It will also examine public misconduct, preventative patrol, and emergency vehicle operations. Special tactics, ethics, psychological dynamics involving interaction with a culturally diverse public, including juveniles will also be addressed. Students will participate in case studies, skills exercises, simulation, and report writing. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Consent of instructor
Semester(s) Offered: Varies
CRJ 201 Crisis and Conflict Mediation (3)  3.0
This course presents the social and psychological factors found in crisis situations such as family violence, homicide, chemical and sexual abuse, suicide, physical illnesses, injuries, and various forms of interpersonal conflicts and violence. Students will develop strategies for effective assessment, intervention, and follow-up of these situations. The course also covers victimology, including the rights of victims, witnesses, and the responsibility of the helping professional. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: CRJ 101 or consent of instructor
Semester(s) Offered: Varies

CRJ 205 Criminal Law (3)  3.0
This course will include a study of social and historical origins and of criminal law. The course will also cover the elements necessary to establish criminal violations and judicial sanctions, and the contemporary societal purposes and functions of the criminal law, using such examples and perspectives as common law, precedent, the Model Penal Code, and Illinois state statutes. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: CRJ 101 or consent of instructor
Semester(s) Offered: Fall

CRJ 215 Criminal Procedure (3)  3.0
This course covers constitutional and statutory guidelines for arrest, detention, use of force, search and seizure, warrant requirements, lineups and identification procedures, confessions, admissions, and interrogations. Emphasis is on the procedural considerations affecting law enforcement actions as restricted by constitutional amendments, statutes, and judicial precedent. It will include criminal procedures of Illinois, in addition to the general procedural guidelines for the administration of criminal law. (1.1) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: CRJ 205
Semester(s) Offered: Spring

CRJ 220 Criminalistics (3)  3.0
This course covers all aspects of crime scene processing and evidence preservation and collection. The study of this will include processing the crime scene for trace evidence, examining and evaluating physical evidence, and laboratory procedures. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Consent of instructor
Semester(s) Offered: Spring

CRJ 225 Criminal Investigation (3)  3.0
This course will cover the fundamentals and procedures of investigation; applications of deductive and inductive reasoning to the investigative process; the collection, marking, and preservation of evidence; and the techniques and procedures of the follow-up investigation. (1.1) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Spring

CRJ 230 Criminology (3)  3.0
Nature of adult and juvenile crime with historic and conventional theories of causation. Interrelationship of punishment to solution and correction. A thorough study is made of the classes of crime, types of criminals, and procedures utilized in rehabilitating criminals. The various measures employed in deterring crime are also an integral part of this course. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available. NOTE: This course is offered concurrently as SOC 230. The student must decide whether to earn credits in Criminal Justice (CRJ) or Sociology (SOC) prior to enrolling.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None Recommended: SOC 100
Semester(s) Offered: Fall and Spring

CRJ 231 Juvenile Justice (3)  3.0
An overview of the nature, extent, causes and control of juvenile delinquency. It will include the nature of the juvenile justice system and the processing of juveniles, including the historical development and the differences from the criminal system. The course will also include a study of the Illinois Juvenile Justice statutes. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in CRJ 101
Semester(s) Offered: Fall, Spring and Summer

CRJ 235 Issues in Criminal Justice (.5-3)  .5
(.5-3, 0-6) Discussion and analysis of specific topics in criminal justice. Focus of the class will be on issues of police, courts, corrections or security in contemporary American society. Emphasis on promoting dialogue between students and practitioners from different areas of the criminal justice system. Repeatable to 12 credits. (1.2) Proficiency Credit Available (2 FET) Pass/No Credit Available.
In-District Tuition/Fees: $66 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Varies
CRJ 270 Criminal Justice Org and Mgt (3)  3.0
This course is designed to acquaint the student with basic management and leadership theories as they pertain to criminal justice administration. Included will be, principles of management and bureaucracy, organizational structure, and hierarchy; selection, training, supervision, and discipline of personnel; ethics; collective bargaining; planning; budgeting, auxiliary and staff functions. (1.1) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in CRJ 198 or CRJ 199 and CRJ 110 or consent of instructor
Semester(s) Offered: Fall and Spring

CRJ 290 Criminal Justice Seminar & Practicum (3)  1.10
The acquisition of practical related experience through the application of classroom theories in actual criminal justice agencies under the supervision of faculty and agency staff. This off campus fieldbased course will provide broad exposure to the operating components of the criminal justice system. Students will be required to attend seminars, work 10 hours per week in the field, submit reports and keep a task log. (1.2) Proficiency Credit Available Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Consent of instructor
Semester(s) Offered: Fall, Spring and Summer

Culinary Management (CUL)

All CUL, HOS, and PAS courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.

CUL 101 Cooking Fundamentals I (4)  1.6
Introduction to the basic foundation skills necessary in commercial cooking. Including but not limited to the following areas: knife skills, flavorings, herbs and spices, mise en place, egg cookery, dairy, basic cooking techniques, recipe conversions and measurements, equipment identification and use. (1.2) Proficiency Credit Available (2 EILST) Pass/No Credit Not Available.
In-District Tuition/Fees: $728 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in CUL 100 or HOS 100 or PAS 100 and CUL 106 or concurrent enrollment in HOS 100 and CUL 106
Semester(s) Offered: Fall and Spring

CUL 106 ServSafe Manager Certification (1)  1.0
National Restaurant Association Educational Foundation ServSafe Certification course for all foodservice employees and managers. Illinois requires eight hours minimum of sanitation training to work with or touch any raw or packaged food product. In addition the Illinois law requires passing the certification exam with a 75% or higher every five years. (1.2) Proficiency Credit Available (2E) Pass/No Credit Not Available.
In-District Tuition/Fees: $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 090 or LTC 099, or satisfaction of other placement criteria. Math: Grade of C or better in MTH 090, or satisfaction of other placement criteria..
Semester(s) Offered: Fall, Spring and Summer

CUL 110 Cooking Fundamentals II (6)  2.8
Introduction to the basic foundation skills necessary in commercial cooking. Including but not limited to the following areas: knife skills, flavorings, herbs and spices, mise en place, egg cookery, dairy, basic cooking techniques, recipe conversions and measurements, equipment identification and use. (1.2) Proficiency Credit Available (2 TSHIE) Pass/No Credit Not Available.
In-District Tuition/Fees: $992 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in CUL 101
Semester(s) Offered: Fall and Spring

CUL 203 Meats and Seafood Principles (6)  2.8
This course is an introduction to meat, poultry, and seafood fabrication for food service operations. In this course, students learn the fundamentals of purchasing, receiving, handling and storing of these center of the plate items, as well as techniques for fabricating cuts for the professional kitchen. Building on skills acquired in previous courses, students apply dry and moist heat methods to cooking meat, poultry and seafood, including the appropriate sauces, garnishes and accompaniments. Importance is placed on work habits, mise-en-place, service techniques and the final products as served to the public. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $992 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in CUL 103 or CUL 110
Semester(s) Offered: Fall and Spring
CUL 205 Culinary Internship (4) 0,0
This course is designed to give the student valuable hands on experience by entering into a partnership with industry. The internship agreement will last for a minimum of 320 hours. Under the supervision of a faculty member and designated employer, the student will participate in the day-to-day operations of the selected foodservice site. During the internship period, the student will be responsible for preparing four term papers relating to the specific operation. Upon completion of this course, the student's performance will be evaluated by the employer. (1.2) Proficiency Credit Available (2 EFILMST) Pass/No Credit Not Available.
In-District Tuition/Fees: $528 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in CUL 203 or concurrent enrollment in CUL 203
Semester(s) Offered: Fall, Spring and Summer

CUL 207 Garde Manger (4) 2,4
The course will explore both the practical application of classic preservation methods along with modern cold food preparation techniques and pantry production. Traditional approaches, elements of artistry, new culinary concepts, and innovative methods will be addressed. Examples of various foods to be prepared will be: cold sauces and condiments, hot and cold sandwiches, cured and smoked foods, sausage production, terrines and pâtés, cheeses and hot and cold hors d’oeuvres. Various styles of presenting food and preparing buffets will be also be emphasized. Upon completion, students should be able to exhibit an understanding of the cold kitchen and its related terminology. This course will provide the fundamentals necessary to build Garde Manger skills, which are essential for all foodservice professionals. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $728 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in CUL 203 or concurrent enrollment in CUL 203
Semester(s) Offered: Fall and Spring

CUL 208 Food Production (6) 3,9
This class introduces the student to an a la carte restaurant with emphasis on the day-to-day operations of the kitchen. The student will be able to interpret menus and recipes, calculate quantities, assemble food and equipment materials and employ appropriate cooking, plating and saucing principles. The student will also be able to identify and correct cooking errors, organize work stations for productive performance and serve as a member of a team. The restaurant is designed to provide students with valuable real world experience in contemporary dining food production incorporating American cooking techniques. Students will be able to identify various allergens common in modern dining situations, as well as varied lifestyle choices demanded by the dining public. Students will apply skills from previous production classes and eventually be responsible for creating and preparing a final practical menu to be served to the dining public. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $992 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in CUL 206 or CUL 207 or concurrent enrollment in CUL 207 with instructor consent
Semester(s) Offered: Fall and Spring

CUL 210 Ice Carving (3) 1,4
A beginning course in the art of ice sculpting and carving with emphasis on tools, safety, ice tempering and hands on practice of beginner to intermediate pieces. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $696 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in CUL 100 or PAS 100 or HOS 100
Semester(s) Offered: Spring

Dental Assisting (DEA)

All DEA courses numbered 100 and above may be applied to the major field and elective requirement in the Associate in Arts and Associate in Science degrees.

Special Note: A criminal background check, drug test, and appropriate PSB#HOA test scores are required for the Dental Assisting (DEA) program. For more information please refer to elgin.edu/dental (https://elgin.edu/dental/).

DEA 101 Dental Assisting I (3) 2,2
Introductory course to dental assisting. Tooth anatomy, both primary and permanent teeth, are included as well as a survey of head and neck anatomy. Bones, muscles, glands, blood vessels and nerves are studied as they relate to the functional dentition and the jaw joint. Fetal development of the face is included. A limited microbiology section is also included. The lab includes crown carving, myofunctional theories and cephalometric tracings. (1.2) Proficiency Credit Available Pass/No Credit Not Available
www.elgin.edu/dental (http://www.elgin.edu/dental/)

SPECIAL NOTE: Explore the dental assisting program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Dental Assisting (DEA) program. For more information please refer to elgin.edu/dental (http://elgin.edu/dental/).

In-District Tuition/Fees: $455 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Acceptance into DEA program
Semester(s) Offered: Fall and Spring
DEA 103 Dental Materials I (3) 2,2
This course deals with the chemical, physical and mechanical concepts of gypsum, hydrocolloids, dental filling materials and periodontal packs. Emphasis will be placed on developing manipulative skills necessary to carry out laboratory and chairside procedures. (1.2) Proficiency Credit Available (2 MTS) Pass/No Credit Not Available
www.elgin.edu/dental (http://www.elgin.edu/dental/)

SPECIAL NOTE: Explore the dental assisting program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Dental Assisting (DEA) program. For more information please refer to elgin.edu/dental (http://elgin.edu/dental/).

In-District Tuition/Fees: $606 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Concurrent enrollment in DEA 101
Semester(s) Offered: Fall and Spring

DEA 106 Dental Aseptic Techniques (3.5) 2,3
This course is designed for the dental assisting major and will cover methods used for disinfection, sterilization, prevention of crosscontamination and techniques used to prevent personnel infection. Heavy emphasis will be placed on the use of equipment and chemicals. Methods to sterilize individual groups of instruments will be studied. (1.2) Proficiency Credit Available (2 MTS) Pass/No Credit Not Available
www.elgin.edu/dental (http://www.elgin.edu/dental/)

SPECIAL NOTE: Explore the dental assisting program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Dental Assisting (DEA) program. For more information please refer to elgin.edu/dental (http://elgin.edu/dental/).

In-District Tuition/Fees: $582 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Concurrent enrollment in DEA 101
Semester(s) Offered: Fall and Spring

DEA 107 Dental Radiography (3) 2,2
Techniques involved in exposing, processing and mounting dental x-rays. Two techniques are taught: the paralleling and the bisecting angle. Stress is placed upon radiation safety for the operator and patient. Anatomy of the bony structures radiographed as well as history and physics of radiography will be covered. All work will be completed on manikins. (1.2) Proficiency Credit Available Pass/No Credit Not Available
www.elgin.edu/dental (http://www.elgin.edu/dental/)

SPECIAL NOTE: Explore the dental assisting program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Dental Assisting (DEA) program. For more information please refer to elgin.edu/dental (http://elgin.edu/dental/).

In-District Tuition/Fees: $631 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Grade of C or better in DEA 101 or consent of instructor
Semester(s) Offered: Fall and Spring

DEA 108 Chairside Dental Assisting I (3) 2,2
Practical experience is given in chairside procedures of general dentistry. Procedures for tooth restoration and cleaning are covered. Skills taught include equipment use and care, aseptic techniques, charting, saliva control, instrument transfer, sharpening, and identification. (1.2) Proficiency Credit Available Pass/No Credit Not Available
www.elgin.edu/dental (http://www.elgin.edu/dental/)

SPECIAL NOTE: Explore the dental assisting program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Dental Assisting (DEA) program. For more information please refer to elgin.edu/dental (http://elgin.edu/dental/).

In-District Tuition/Fees: $501 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Concurrent enrollment in DEA 101, DEA 103 and DEA 106
Semester(s) Offered: Fall and Spring
DEA 111 Dental Assisting II (3)  2,2
Presents concepts of first aid, community dentistry, dental pathology, and pharmacology including: Diet and nutrition, fluoridation, and patient education. First aid as it applies to the dental office is also stressed. (1.2) Proficiency Credit Available (2 MTS) Pass/No Credit Not Available

www.elgin.edu/dental (http://www.elgin.edu/dental/)

SPECIAL NOTE: Explore the dental assisting program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Dental Assisting (DEA) program. For more information please refer to elgin.edu/dental (http://elgin.edu/dental/).

In-District Tuition/Fees: $421 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in DEA 101
Semester(s) Offered: Fall and Spring

DEA 113 Special Projects in Dental Assisting (1)  0,2
Remedial or advanced projects in either chairside assisting or dental radiography will be undertaken. Advanced projects in dental radiography include occlusal and oblique angle projections, pedodontic and extraoral techniques. Advanced projects in chairside assistance including six-handed, sit-down dentistry and chairside assisting for the dental specialties. Clinical evaluations and a project report will be required. Advanced work in dental biology can also be undertaken. Repeatable to three credits. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/dental (http://www.elgin.edu/dental/)

SPECIAL NOTE: Explore the dental assisting program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Dental Assisting (DEA) program. For more information please refer to elgin.edu/dental (http://elgin.edu/dental/).

In-District Tuition/Fees: $157 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in DEA 111 or concurrent enrollment in DEA 111 or consent of instructor
Semester(s) Offered: Fall and Spring

DEA 118 Dental Materials II (3)  2,2
This course is a continuation of Dental Materials I. Concepts applied to prosthetic dental impression materials are covered as well as acrylic materials and metals. Emphasis will be placed on manipulative techniques and their use in general dentistry. (1.2) Proficiency Credit Available (2 MTS) Pass/No Credit Not Available

www.elgin.edu/dental (http://www.elgin.edu/dental/)

SPECIAL NOTE: Explore the dental assisting program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Dental Assisting (DEA) program. For more information please refer to elgin.edu/dental (http://elgin.edu/dental/).

In-District Tuition/Fees: $586 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in DEA 103
Semester(s) Offered: Fall and Spring

DEA 119 Dental Records and Communications (3)  2,2
The policies and procedures for all dental office clinical and financial records are discussed. Compilation and recording of data, correspondence with responsible third parties, and filing and storage of records are included. Appointments, bookkeeping procedures, inventory control, telephone techniques, banking procedures, and financial arrangements are covered. Also included are: Interviewing skills, health and grooming, ethics, and history of dentistry. A major part of the course includes effective patient communication. (1.2) Proficiency Credit Available (2 MT) Pass/No Credit Not Available

www.elgin.edu/dental (http://www.elgin.edu/dental/)

SPECIAL NOTE: Explore the dental assisting program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Dental Assisting (DEA) program. For more information please refer to elgin.edu/dental (http://elgin.edu/dental/).

In-District Tuition/Fees: $496 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Acceptance into DEA program
Semester(s) Offered: Fall and Spring
DEA 120 Chairside Dental Assisting II (3) 2.5,1.5
Indepth classroom and laboratory experiences in chairside dental assisting procedures for the specialties of dentistry. Endodontics, Oral and Maxillofacial Surgery, Orthodontics, Pediatric Dentistry, and Periodontics will be emphasized. (1.2) Proficiency Credit Available (2 MTS) Pass/No Credit Not Available
www.elgin.edu/dental (http://www.elgin.edu/dental/)

SPECIAL NOTE: Explore the dental assisting program and come to an information session. For more details, go to elgin.edu/visit ECC (http://elgin.edu/visit ECC/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Dental Assisting (DEA) program. For more information please refer to elgin.edu/dental (http://elgin.edu/dental/).

In-District Tuition/Fees: $471 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in DEA 101 and DEA 108
Semester(s) Offered: Fall and Spring

DEA 123 Clinical Practice I (4) 3.5,10.5
Application of theories and skills taught in the classroom to clinical surroundings of two general practice offices. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available
www.elgin.edu/dental (http://www.elgin.edu/dental/)

SPECIAL NOTE: Explore the dental assisting program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Dental Assisting (DEA) program. For more information please refer to elgin.edu/dental (http://elgin.edu/dental/).

In-District Tuition/Fees: $528 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in DEA 107 and DEA 120 or; (2) consent of instructor
Semester(s) Offered: Fall, Spring and Summer

Early Childhood Education (ECE)

All ECE courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.

ECE 100 Health,Safety,Nutrition/Young Child (3) 3.0
This course provides an overview of the health, safety and nutritional needs of young children and early childhood practices to ensure the health and well-being of each child in a group setting. Content includes roles and responsibilities of adults in meeting children’s diverse needs, the promotion of healthy lifestyle practices, understanding common childhood illnesses and injuries, meeting health, nutrition and safety standards, and planning nutritious meals that are appropriate for each child. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $411 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: None
Semester(s) Offered: Fall and Spring

ECE 102 Introduction to Early Childhood Ed (3) 3.0
This survey course provides an overview of early childhood care and education including historical and cultural perspectives, organization, structure, programming, and evidence-based practices. Professional and evidence-based practices of highly-qualified early childhood educators are outlined with an emphasis on their ability to enhance development and learning of each and every child between the ages of birth and eight. Considerations for diversity of culture, language, race, socioeconomic status, gender, ethnicity, and ability will be included. Students will spend a minimum of 15 hours of observation in diverse early childhood settings. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: None
Semester(s) Offered: Fall and Spring
ECE 106 Experiential Learning in Ece (3)  0,15  
This course is designed to promote growth and development as a professional in early childhood education. The student will create a project in consultation with the instructor that is related to their early childhood education study. Verification and reflection of learning will be assessed by the instructor. This course will be taught as an independent study. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available  
NOTE: This is an elective course in the Early Childhood Education program.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)  
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).  
Prerequisite: Consent of Instructor  
Semester(s) Offered: Fall, Spring and Summer

ECE 114 Infant-Toddler Care (3)  3,0  
The patterns of growth and development in the child from birth to 3 years will be studied. The specific needs of infants and toddlers in various child care settings will be examined, with current research being considered. Students will have the opportunity to develop skills in managing a safe environment while providing stimulating activities at appropriate levels. Experience in ECC's infant-toddler room is required. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)  
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).  
Prerequisite: None  
Semester(s) Offered: Fall

ECE 121 Math & Science for the Young Child (3)  3,0  
Introduction to basic concepts in math and science for young children. Emphasis on the learning process as well as the acquisition of information. Examine methods of learning through explanation and discovery. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $411 (effective 2020/21 academic year)  
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).  
Prerequisite: None  
Semester(s) Offered: Spring

ECE 124 Curriculum Planning/Young Child (3)  3,0  
The principles involved in planning, implementing and evaluating developmentally appropriate, evidence-based curriculum for young children are studied. The course focuses on relationships among developmental theory, philosophy, practice, and development of curriculum based on the needs and interests of young children including those who are culturally, linguistically, and ability diverse. The analysis of a wide range of early childhood curriculum models is emphasized. (1.2) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $411 (effective 2020/21 academic year)  
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).  
Prerequisite: None  
Semester(s) Offered: Fall and Spring

ECE 150 Child Guidance Practices I (3)  3,0  
Students will study the basic theory and practice for guiding toddlers? and children’s behavior. The emphasis will be on helping students utilize preventive techniques to eliminate and minimize discipline situations. Positive methods in helping children develop positive self-concepts will be stressed. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)  
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).  
Prerequisite: None  
Semester(s) Offered: Varies

ECE 174 Child Growth and Development (3)  3,0  
This course provides an overview of the theory and principles of human growth and development from conception through adolescence. Content includes an in-depth study of the interrelatedness of physical, cognitive, social and emotional aspects of development. Development is studied in the context of family, gender, culture, language, ability, socioeconomic diversity, and society. Special emphasis will be on the theories of Piaget, Vygotsky, Erikson, and Gardner. (1.2) IAI Major: ECE 912 Proficiency Credit Not Available Pass/No Credit Available. NOTE: Encompassing prenatal through age eight and may include pre-adolescents.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)  
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).  
Prerequisite: None  
Semester(s) Offered: Fall, Spring and Summer

ECE 201 Field Experience I & Seminar (3)  0,10  
In-residence training is a supervised opportunity for the student to have first-hand experience in an institutional setting that meets his/her area of interest. In this setting, it is expected that the student will develop proficiency and display the skills required to perform adequately on-the-job. (1.2) Proficiency Credit Available (2 IE) Pass/No Credit Not Available. NOTE: One hundred fifty (150) hours of on-site work is required as well as weekly class sessions with instructor. Students should have a Grade of C or better in the last three ECE courses prior to taking this course.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)  
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).  
Prerequisite: None  
Semester(s) Offered: Fall, Spring and Summer

ECE 202 Field Experience II & Seminar (3)  0,10  
Training is a supervised opportunity for the student to have firsthand experience in an institutional setting that meets his/her area of interest. In this setting, it is expected that the student will develop proficiency and display the skills required to perform adequately on the job. (1.2) Proficiency Credit Available (2 IE) Pass/No Credit Not Available. NOTE: One hundred fifty (150) hours of field work is required for this second experience, as well as weekly class sessions with the instructor.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)  
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).  
Prerequisite: Grade of C or better in ECE 201  
Semester(s) Offered: Fall, Spring and Summer
ECE 215 Child Care Administration (3) 3.0
This is an advanced level course designed to equip students with an understanding of issues and skills related to effective administration of day care facilities which care for young children. The student will learn basic organizational skills and management techniques which will enhance the student’s understanding and ability in the area of administration. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Spring

ECE 220 Child, Family and Community (3) 3.0
This course focuses on the diverse needs of the child within the context of family, school and community. The course will examine the interplay of diverse cultures, lifestyles, abilities, language and communication with the role of the early childhood environment and other community institutions. Students will gain an understanding of their professional role in supporting evidence-based practices that strengthen respectful, collaborative family/child partnerships through effective use of community and family resources. (1.2) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall and Spring

ECE 224 Exceptional Young Children (3) 3.0
This course focuses on the diverse needs of the child within the context of family, school and community. The course will examine the interplay of diverse cultures, lifestyles, abilities, language and communication with the role of the early childhood environment and other community institutions. Students will gain an understanding of their professional role in supporting evidence-based practices that strengthen respectful, collaborative family/child partnerships through effective use of community and family resources. (1.2) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall and Spring

ECE 225 Methods of Bilingual & ESL Education (3) 3.0
This course will examine culturally and linguistically responsive pedagogy. Students will learn to implement key strategies to help support multilingual and multicultural students in ways that value bilingualism and biliteracy. Students will use best instructional practices to integrate language, culture, and identity into pedagogical methods. Students will develop and maintain respectful, positive relationships with all children and families in ways that are responsive to language and cultural differences. (1.2) Proficiency Credit: Not Available Pass/No Credit: Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in ECE 102
Semester(s) Offered: Fall

Economics (ECN)

ECN 101 Fundamentals of Economics, ECN 201 Principles of Microeconomics, and ECN 202 Principles of Macroeconomics fulfill the social sciences requirement for the Associate in Arts, Associate in Science, Associate in Fine Arts, and Associate in Engineering Science degrees.

All ECN courses numbered 100 and above may be used to fulfill the social science requirement for the Associate in Liberal Studies and Associate of Applied Science degrees.

ECN 101 Fundamentals of Economics (3) 3.0
This course offers an overview of the foundations of economics. It includes an examination of the overall performance of the U.S. economy and its individual units. Topics studied include supply and demand, cost theory, market structures, economic growth, inflation, unemployment, the business cycle, fiscal and monetary policies, and the global economy. (Students pursuing business related or economic majors must not take this course. They must take Principles of Microeconomics and Principles of Macroeconomics instead.) (1.1) Fulfills the ECC/IAI General Education/Social Sciences requirement. IAI Course Number: S3 900 Proficiency Credit Available (2 ITC) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria. Math: Grade of C or better in MTH 098 or MTH 099, or satisfaction of other placement criteria or consent of instructor. Recommended: For students not planning further study in Principles of Macroeconomics or Principles of Microeconomics.
Semester(s) Offered: Fall, Spring and Summer

ECN 201 Principles of Microeconomics (3) 3.0
A basic course introducing the core microeconomic terms and models applied to the study of individual decision makers and markets. The class includes an overview of the economic way of thinking, elasticity of demand and supply, consumer theory, production and cost theories, market structures, resource markets, and the impact of government actions in individual decision makers and markets. (1.1) Fulfills the ECC/IAI General Education/Social Sciences requirement. IAI Course Number: S3 902 Proficiency Credit Available (3 C) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria. Math: Grade of C or better in MTH 098 or MTH 099, or satisfaction of other placement criteria or consent of instructor. Recommended: For students not planning further study in Principles of Macroeconomics or Principles of Microeconomics.
Semester(s) Offered: Fall, Spring and Summer
ECN 202 Principles of Macroeconomics (3)  **3.0**
A basic course introducing the core macroeconomic terms and models applied to the study of the U.S. economy. The class includes an overview of the economic way of thinking, the description of the key macroeconomic variables, basic models to analyze changes in the level of real output and in the price level, the role of money and the financial system, economic policies and their implications, and international economics. (1.1) Fulfills the ECC/IAI General Education/Social Sciences requirement. IAI Course Number: S3 901 Proficiency Credit Available (3 C) Pass/No Credit Not Available.

**In-District Tuition/Fees:** $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
**Prerequisite:** Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria. Math: Grade of C or better in MTH 098 or MTH 099, or satisfaction of other placement criteria. + Recommended: ECN 201 Principles of Microeconomics

**Semester(s) Offered:** Fall, Spring and Summer

ECN 210 Comparative Economics (3)  **3.0**
This course offers an opportunity to apply the basic economic theory to compare economic systems that coexist in the world today. It builds on students’ knowledge of key economic terms and analytical tools to achieve a better understanding of how different economic systems have performed in the first decade of the twenty-first century. The class studies macroeconomic and microeconomic issues of countries that have followed different economic systems and have obtained completely opposite results regarding economic prosperity. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.

**In-District Tuition/Fees:** $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
**Prerequisite:** Grade of C or better in ECN 201 or ECN 202.

**Semester(s) Offered:** Varies

**Education (EDN)**

All EDN courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.

Students who want to seek licensure in the state of Illinois as elementary teachers are urged to develop an educational plan with an ECC advisor regarding the selection of ALL courses. The courses you will take at ECC with plans to transfer to a four-year college/university will differ based on which institution you plan to attend. When planning your courses, please note ECC offers pre-education courses through the Education Department as well as education related courses in literature, math, music, psychology, and physical education.

If you are interested in working with young children, see our Early Childhood Education Program.

EDN 100 Introduction to Education (3)  **3.0**
This course will introduce the topic of education both as a professional pursuit, and as an institution. Students will study historical, social, and philosophical foundations of education, as well as organizational structure, school governance, legal and ethical issues. A minimum 15-hour clinical component is required for this class. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/universitytransfer (http://www.elgin.edu/universitytransfer/)

Students enrolled in EDN 100, EDN 204 and EDN 211 may be required to complete a background check/fingerprinting process in order to participate in the clinical component of the course. Students will be responsible for any fee charged.

**In-District Tuition/Fees:** $411 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
**Prerequisite:** Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria. + Recommended: EDN 102 Intro to Paraprofessional Education (3)

**Semester(s) Offered:** Fall, Spring and Summer

EDN 102 Intro to Paraprofessional Education (3)  **3.0**
The Introduction to Paraprofessional Education course provides an overview of the paraprofessional position, role and responsibilities. This course will prepare participants for career as a paraprofessional educator, instructional aide or teacher assistant. Participants will identify instructional strategies, classroom management, cross-cultural, exceptional, legal and ethical perspectives in paraprofessional education. (1.2) Proficiency Credit: Not Available Pass/No Credit Not Available.

**In-District Tuition/Fees:** $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
**Prerequisite:** None

**Semester(s) Offered:** Fall and Spring

EDN 103 Paraprofessional Clinical Experience (2)  **2.0**
This course provides opportunity for observation or clinical experience in preK - 12 settings for students who want to pursue a paraprofessional career. This course offers 35-40 hours of hands-on experience through, shadowing, service learning, tutoring, before and after school learning experiences. This course will meet as needed on campus for preparing, processing and reflecting upon pre-clinical experience. Special Note: Students enrolled in this course may be required to complete a background check/fingerprinting process in order to participate in the clinical component of the course. Students will be responsible for any fee charged.

(1.2) Proficiency Credit: Not Available Pass/No Credit Not Available.

**In-District Tuition/Fees:** $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
**Prerequisite:** Grade of C or better in EDN 100, EDN 204 and EDN 211.

**Semester(s) Offered:** Fall and Spring
EDN 105 Art in the Classroom (3)  3,0
Students will explore the practical applications for art and creative activities in both a specific and general elementary education curriculum. The course is designed to increase understanding of the child and his/her creative work at various stages of development. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).)

Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.+

Semester(s) Offered: Fall

EDN 128 Music for the Elementary Teacher (3)  3,0
This course introduces students to the knowledge and skills required to demonstrate their proficiency in instructional technology. The course focuses on both knowledge and performance, and includes hands-on technology activities. Course is repeatable two times for total of 9 credits. Only three credit hours may apply toward a degree or certificate. (1.1) Proficiency Credit: Available (3 ST) Pass/No Credit Not Available.

In-District Tuition/Fees: $416 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.+

Semester(s) Offered: Fall and Summer

EDN 112 Technology in Education (3)  3,0
This course introduces students to the knowledge and skills required to demonstrate their proficiency in instructional technology. The course focuses on both knowledge and performance, and includes hands-on technology activities. Course is repeatable two times for total of 9 credits. Only three credit hours may apply toward a degree or certificate. (1.1) Proficiency Credit: Available (3 ST) Pass/No Credit Not Available.

In-District Tuition/Fees: $416 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.+

Semester(s) Offered: Fall and Summer

EDN 203 Foundations in Bilingual Education (3)  3,0
This course provides the fundamentals of bilingual education through the understanding of language and cultural diversity in schools and communities from a historical, political, philosophical, legal, pedagogical, and sociocultural perspectives. This course introduces instructional models and theories of language acquisition process in bilingual and ESL classrooms. (1.1) Proficiency Credit: Not Available Pass/No Credit: Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in EDN 100 or consent of instructor.

Semester(s) Offered: Fall and Spring

EDN 204 Exceptional Individual (3)  3,0
A survey course that presents the historical, philosophical and legal foundations of special education, as well as an overview of the characteristics of individuals with disabilities, the programs that serve them under the Individuals with Disabilities Act, and the diversity of the populations of individuals with disabilities. A 30 hour clinical component is required for this course. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available

world.elgin.edu/universitytransfer (http://www.elgin.edu/universitytransfer/)

Students enrolled may be required to complete a background check/fingerprinting process in order to participate in the clinical component of this class. Students will be responsible for any fee charged. .

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in EDN 100 or consent of instructor.

Semester(s) Offered: Fall, Spring and Summer

EDN 211 Pre-Student Teaching Clinical Exper. (2)  1,2
Documented clinical experience involving observation of and interaction with children and practitioners at work, according to specified guidelines, within the appropriate subject matter and age category. The experience, comprising of a minimum of 30-50 hours, is planned, guided, and evaluated by both a college supervisor and a teacher on-site. The experience can occur in a variety of educational settings. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available

world.elgin.edu/universitytransfer (http://www.elgin.edu/universitytransfer/)

Students enrolled in this course may be required to complete a background check/fingerprinting process. Students will be responsible for any fee charged. .

In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in EDN 204 Recommended: Completion of PSY 211 prior to enrollment

Semester(s) Offered: Fall and Spring
EDN 215 Literacy in Education (3)  
This course is an introduction to theory and practice in literacy and language development: speaking, listening, reading and writing. It examines theoretical framework and classroom application for diverse learners. This course provides an introduction to English Language Arts Common Core State Standards. This course is for anyone interested in becoming a teacher or working with children language and literacy. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: EDN 100
Semester(s) Offered: Fall and Summer

EDN 233 Special Topics in Education (.5)  
Designed to satisfy specific needs or interests of those in the education field. The topics will cover the life long learning that is necessary for educators and will reflect the rapidly changing skills and knowledge required to function in today's education settings. The following guidelines are to be used in selecting topics: 1) adequate and available material on specific topic; 2) comprehensive outlines for each topic; and 3) course should be designed to meet the needs of those practicing in the field. Course is repeatable to two credits. (1.1) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $66 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Varies

EDN 234 Special Topics in Education (1)  
Designed to satisfy specific needs or interests of those in the education field. The topics will cover the life long learning that is necessary for educators and will reflect the rapidly changing skills and knowledge required to function in today's education settings. The following guidelines are to be used in selecting topics: 1) adequate and available material on specific topic; 2) comprehensive outlines for each topic; and 3) course should be designed to meet the needs of those practicing in the field. Course is repeatable to four credits. (1.1) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Varies

EDN 235 Special Topics in Education (2)  
Designed to satisfy specific needs or interests of those in the education field. The topics will cover the life long learning that is necessary for educators and will reflect the rapidly changing skills and knowledge required to function in today's education settings. The following guidelines are to be used in selecting topics: 1) adequate and available material on specific topic; 2) comprehensive outlines for each topic; and 3) course should be designed to meet the needs of those practicing in the field. Course is repeatable to eight credits. (1.1) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Varies

EDN 236 Special Topics in Education (3)  
Designed to satisfy specific needs or interests of those in the education field. The topics will cover the life long learning that is necessary for educators and will reflect the rapidly changing skills and knowledge required to function in today's education settings. The following guidelines are to be used in selecting topics: 1) adequate and available material on specific topic; 2) comprehensive outlines for each topic; and 3) course should be designed to meet the needs of those practicing in the field. Course is repeatable to 12 credits. (1.1) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Varies

EDN 237 Special Topics in Education (4)  
Designed to satisfy specific needs or interests of those in the education field. The topics will cover the life long learning that is necessary for educators and will reflect the rapidly changing skills and knowledge required to function in today's education settings. The following guidelines are to be used in selecting topics: 1) adequate and available material on specific topic; 2) comprehensive outlines for each topic; and 3) course should be designed to meet the needs of those practicing in the field. Course is repeatable to 16 credits. (1.1) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $528 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Varies

Emergency Med. Tech.-Paramedic (EMT)

All EMT courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.
EMT 121 Paramedic I (6)
This course encompasses the training of paramedics in the areas of their role, medical/legal considerations, ethics, EMS Systems, personal wellness, injury prevention, general patient assessment, communications, documentation, assessment based management, and life span development. The paramedic student will also learn recognition and treatment of respiratory insufficiency. This course will consist of classroom theory and concurrent laboratory and clinical experience in simulated situation, hospital and pre-hospital settings. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

SPECIAL NOTE: A criminal background check, and drug test are required for the Emergency Medical Technology(EMT) program. For more information please refer to elgin.edu/emt (http://elgin.edu/emt/).

In-District Tuition/Fees: $992 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Current certification as an EMT-B or I and acceptance into the EMT-P program

Semester(s) Offered: Fall

EMT 122 Paramedic II (6)
This course encompasses the training of paramedics in the areas of pathophysiology, pharmacology, venous access, medication administration, and specific medical emergencies including those involving pulmonary, cardiology, neurology, endocrinology, toxicology, and hematology diseases. This course will consist of classroom theory and concurrent laboratory and clinical experience in simulated situations, the hospital and out in the field. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

SPECIAL NOTE: A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Emergency Medical Technology(EMT) program. For more information please refer to elgin.edu/emt (http://elgin.edu/emt/).

In-District Tuition/Fees: $992 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in EMT 121 or concurrent enrollment in EMT 121; EMT 121 should be taken prior to EMT 122 in the same semester

Semester(s) Offered: Fall

EMT 123 Paramedic III (6)
This course encompasses the training of paramedics in the areas of trauma emergencies. It includes the kinetics of trauma, head, neck and spinal injury, body cavity trauma, musculoskeletal injuries, soft tissue trauma, burns, shock, and trauma resuscitation. This course consists of classroom theory and concurrent laboratory/clinical experience in simulated situations, the hospital and out in the field. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

SPECIAL NOTE: A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Emergency Medical Technology(EMT) program. For more information please refer to elgin.edu/emt (http://elgin.edu/emt/).

In-District Tuition/Fees: $992 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in EMT 122

Semester(s) Offered: Spring

EMT 124 Paramedic IV (6)
This course encompasses the training of paramedics in the handling of emergencies relative to infectious and communicable diseases, allergies and anaphylaxis, obstetrics, neonatology, pediatrics, geriatrics, special challenges patients and home health care patients. This course consists of classroom theory and concurrent laboratory/clinical experience in simulated situations, the hospital, and out in the field. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

SPECIAL NOTE: A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Emergency Medical Technology(EMT) program. For more information please refer to elgin.edu/emt (http://elgin.edu/emt/).

In-District Tuition/Fees: $992 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in EMT 123 or concurrent enrollment in EMT 123, EMT 123 should be taken prior to EMT 124 in the same semester

Semester(s) Offered: Spring

EMT 133 Paramedic Seminar (4.5)
This course will familiarize the paramedic student with ambulance operations, medical incident command, rescue awareness and operations, hazardous materials incidents, crime scene awareness and weapons of mass destruction preparedness. This course will consist of classroom theory and concurrent laboratory and clinical experience in simulated situations, hospital, and prehospital settings. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

SPECIAL NOTE: A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Emergency Medical Technology(EMT) program. For more information please refer to elgin.edu/emt (http://elgin.edu/emt/).

In-District Tuition/Fees: $794 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in EMT 124

Semester(s) Offered: Summer
Engineering: Pre-Professional (EGR)

All EGR courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts, Associate in Science and Associate in Engineering Science degrees.

EGR 100 Introduction to Engineering (2) 2,0
Introduction to the study of and practices within the engineering profession. History of engineering, engineering specializations, engineering ethics, problem solving skills, design processes, professional practices, technical and written communications, and computer tools. ABET licensing and teamwork will be explored through discussion, readings, research, hands on projects, guest lectures, and seminars by practicing engineers from various fields. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $294 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in HS physics or HS chemistry or consent of instructor
Semester(s) Offered: Fall and Spring

EGR 101 Engineering Design Graphics/Cad (4) 2,4
This course is an introduction to engineering design and graphics, including design problems, sketching, dimensioning, tolerancing, multi-view orthographic representations, auxiliary views, section views, and working drawings. Students are required to use CAD in this course. Sketching and CAD techniques are integrated in this course. (1.1) Proficiency Credit Available (3 ETSIR) Pass/No Credit Not Available.
In-District Tuition/Fees: $608 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: MTH 098 or MTH 099 or concurrent enrollment in MTH 098 or MTH 099
Semester(s) Offered: Fall and Spring

EGR 152 Statics (3) 2,2
Analysis of force systems by means of vector algebra and graphical methods, treatment of two and three dimensional static equilibrium; analysis of forces acting on members of trusses, frames, and pulleys; forces due to friction on inclined planes, belts and wedges; distributed forces, analysis of structures, determination of moments of inertia, and centroids and virtual work methods. (1.1) IAI Major: EGR 942 Proficiency Credit Available (2 LETSIR) Pass/No Credit Not Available.
In-District Tuition/Fees: $421 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: (1) Grade of C or better in MTH 190 and; (2) Grade of C or better in PHY 211 or concurrent enrollment in PHY 211
Semester(s) Offered: Fall

EGR 172 Mechanics of Materials (3) 3,0
Analysis of stress, strain and deflection in machine and structural elements (axial, shear, torsion and bending loads). Stress and strain transformation using Mohr’s Circle. Combined loading, repeated loading, theories of failure, related mechanical properties, and column buckling. Design of shafts, beams and columns and elementary stress measurement devices. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: EGR 152
Semester(s) Offered: Spring

EGR 192 Engineering Thermodynamics (3) 3,0
Analysis of thermodynamic processes and systems. Properties of ideal and real gases and vapors in thermal systems. Zeroth, first and second laws of thermodynamics. Entropy, heat engines, power and refrigeration cycles. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: MTH 210 and PHY 211
Semester(s) Offered: Summer

EGR 252 Dynamics (3) 3,0
A study of force and motion, including particle and rigid body kinematics in translation and rotation in a plane; relationships of force, mass, acceleration, work and energy, impulse and momentum. (1.1) IAI Major: EGR 943 Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in EGR 152, and grade of C or better in MTH 134 or concurrent enrollment in MTH 134
Semester(s) Offered: Spring

EGR 272 Circuit Analysis and Theory (4) 3,2
Introduction to engineering circuit analysis and design. Topics include basic laws and concepts of linear circuits, analysis of direct current and alternating current circuits by mesh and nodal analysis, the operational amplifier, the inductor and capacitor, transients analysis, phasors, impedance, average and root-mean-square values, power and transfer functions. Hands-on lab is included. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $668 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: PHY 212 and MTH 210
Semester(s) Offered: Fall
**EGR 292 Introduction to Digital Systems (4)** 3,2
An introduction to computer engineering. Digital circuit design with discrete and integrated circuit components. Binary arithmetic, codes, bases, number systems, logic elements and Boolean functions. Analysis and synthesis of combinational and sequential networks. Digital computer basics, machine level programming and microprocessors. Includes lab. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.

**In-District Tuition/FEES:** $668 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

**Prerequisite:** EGR 272 and MTH 230 Recommended: A programming course or programming experience

**Semester(s) Offered:** Spring

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**ENG 101 English Composition I**

ENG 101 English Composition I and ENG 102 English Composition II fulfill six hours of the communications requirement for the Associate in Arts, Associate in Science, Associate in Fine Arts, Associate in Engineering Science, and Associate in Liberal Studies degrees and in some Associate of Applied Science degrees.

All ENG courses numbered 100 and above, except ENG 101 English Composition I and ENG 102 English Composition II, may also be applied to the major field and elective requirement for the AA and AS degrees.

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**Developmental Writing Courses**

Developmental courses are numbered below 100. Developmental courses do not transfer and cannot be used to fulfill the requirements of any associate degree; however, students must complete these courses in order to enroll in most college-level courses.

Students are placed into a developmental course based on the results of the writing/English placement test (for more information visit www.elgin.edu/testing (https://www.elgin.edu/admissions/testing-services/)). Once a student enrolls in their first developmental course, he/she must complete the sequence to meet minimum competencies for college-level courses. Students who perform very well in their developmental courses may request approval from their instructor to retake the placement test.

The recommended course options for students placing into the two levels of developmental English are listed below. Students should make course selections in consultation with their academic advisor.

1. Placement into ENG 097 Communication Skills - Students are encouraged to register for LTC 099 College Literacy as this course integrates reading and writing skills thus preparing students for college courses in only one semester
2. Placement into ENG 098 Developmental Composition - Students will complete the Accelerated Learning Program (ALP) where they enroll in ENG 098 Developmental Composition along with ENG 101 English Composition I in the same semester, with the same instructor. Students who have a RDG 091 Advanced Academic Reading & Inquiry placement may also enroll in ALP.

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**ENG 097 Communication Skills (3)** 3,0

English 097 is a first semester course that reviews the fundamentals of college writing. With acquisition of new strategies, students will do assignments to improve their literacy skills by learning how to write clearly and read closely. In addition, rather than reviewing grammar skills in isolation, students will focus on learning and using key grammar concepts in the larger context of paragraph and essay writing. (1.4) Proficiency Credit Not Available Pass/No Credit Not Available.

**In-District Tuition/FEES:** $411 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

**Prerequisite:** Appropriate placement score

**Semester(s) Offered:** Varies

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**ENG 098 Developmental Composition (3)** 3,0

English 098 continues the development of college level writing skills. By engaging in all stages of the writing process, students will learn strategies to complete future college writing assignments. Students will not only improve their grammar, punctuation, and usage skills, but will also learn how to read closely, write clearly, and think critically. A grade of C or better in ENG 098 is a prerequisite for many college-level courses.

(1.4) Proficiency Credit Not Available Pass/No Credit Not Available.

**In-District Tuition/FEES:** $411 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

**Prerequisite:** Grade of C or better in ENG 097 or placement test

**Semester(s) Offered:** Fall, Spring and Summer

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**ENG 101 English Composition I (3)** 3,0

The goal of ENG 101 is for students to become better readers, writers, and thinkers. Students will read a variety of essays that will serve as models for the expressive, expository, and persuasive essays of their own. Students will not only improve their grammar skills, but will also learn how to read closely, write clearly, and think critically. (1.1) Fulfills the ECC/IAI General Education/Communications requirement. IAI Course Number: C1 900 Proficiency Credit Available Pass/No Credit Not Available.

**In-District Tuition/FEES:** $411 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

**Prerequisite:** Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria. +

**Semester(s) Offered:** Fall, Spring and Summer

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**ENG 102 English Composition II (3)** 3,0

Second semester of one year course normally required by all universities and colleges. Emphasis on achieving logic and precision in handling such extensive compositions as the research paper and persuasive and critical themes based on literature or other academic disciplines. (1.1) Fulfills the ECC/IAI General Education/Communications requirement. IAI Course Number: C1 901R Proficiency Credit Not Available Pass/No Credit Not Available.

**In-District Tuition/FEES:** $411 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

**Prerequisite:** Writing: Grade of C or better in ENG 101 or placement through AP or CLEP exam

**Semester(s) Offered:** Fall, Spring and Summer
ENG 110 Creative Writing (3)  3,0
Creative writing includes the study and writing of literary nonfiction, fiction, and poetry. It is an introductory course designed to help writers decide which genre or genres they prefer and to prepare them for advanced study in writing. (1.1) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in ENG 102 or consent of instructor.
Semester(s) Offered: Fall and Spring

ENG 210 Fiction Writing (3)  3,0
This advanced course focuses on writing fiction as a craft, learning to use the writer's tools, and studying the way other writers have used them to create stories. The emphasis will be on experimenting with variations in the student's own writing. Course is repeatable to nine credits. (1.1) Proficiency Credit Not Available Pass/No Credit Available NOTE: ENG 210, ENG 212, and ENG 213 are offered concurrently. The student will select their focus area from fiction (ENG 210), poetry (ENG 212), or literary non-fiction (ENG 213).
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in ENG 110 or consent of instructor.
Semester(s) Offered: Spring

ENG 212 Poetry Writing (3)  3,0
This advanced course focuses on writing poetry as a craft, learning to use the writer's tools, and studying the way other writers have used them to create poems. The emphasis will be on experimenting with variations in the student's own writing. Course is repeatable to nine credits. (1.1) Proficiency Credit Not Available Pass/No Credit Available NOTE: ENG 210, ENG 212, and ENG 213 are offered concurrently. The student will select their focus area from fiction (ENG 210), poetry (ENG 212), or literary non-fiction (ENG 213).
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in ENG 110 or consent of instructor.
Semester(s) Offered: Spring

ENG 213 Literary Non-Fiction Writing (3)  3,0
This advanced course focuses on writing non-fiction as a craft, learning to use the writer's tools, and studying the way other writers have used them to create stories and essays. The emphasis will be on experimenting with variations in the student's own writing. Course is repeatable to nine credits. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available Note: ENG 210, ENG 212, and ENG 213 are offered concurrently. The student will select their focus area from fiction (ENG 210), poetry (ENG 212), or literary non-fiction (ENG 213).
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in ENG 110 or consent of instructor.
Semester(s) Offered: Spring

ENG 215 Introduction to Linguistics (3)  3,0
In this course, students will study how spoken, written, and visual languages operate. Students will examine key issues in linguistics from structural, historical, regional, and social perspectives to gain a deeper understanding of how language shapes and is shaped by humans. (1.1) Proficiency Credit: Not Available Pass/No Credit: Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in ENG 101 or consent of instructor.
Semester(s) Offered: Varies

English As a Second Language (ESL)

Adult Basic Education Center - Part Time Program

English as a second language (ESL) instruction at ECC is for all non-native English speakers from any language, group, or nationality. Instruction includes reading, writing, listening, and speaking and is conducted entirely in English. Classroom instruction and college support services provide immigrant students the opportunity to progress toward self-sufficiency and economic success. Courses are offered Monday-Thursday mornings and evenings on campus. Courses are offered at other area locations Monday-Thursday primarily in the evenings. All classes are offered free of charge to eligible immigrant students. For class placement and registration, students must come to Building K. Students will attend a pre-course workshop to prepare themselves for language learning success before they enroll in ESL classes. Students on visas need to contact the office to determine eligibility for the program as students with certain types of visas are not permitted to enroll in the free adult education program.

Beginning ESL Instruction
The purpose of these courses is to help English language learners to improve their reading, writing, speaking, and comprehension skills in English; improve their mathematics and basic technology skills; and acquire an understanding of the American system of government, individual freedom, and the responsibilities of citizenship so that these learners can be full participants in their community. Upon completion of the high beginning level, students may choose to exit the program or to transition to intermediate ESL instruction in order to work on career or academic readiness.

Intermediate ESL Instruction
The purpose of these classes is to equip students with the skills needed for career and academic readiness. Along with improving basic skills in reading, writing, speaking, listening, and mathematics, students will develop the academic and soft skills necessary to make the successful transition to college or to a career. Upon completion of the high intermediate levels, students may exit the program to pursue a high school equivalency certificate, enter a career/vocational training program, transition to advanced/academic ESL classes, or enter the workforce. An academic advisor is available to help students make the transition.

Advanced ESL Instruction
The purpose of these classes is to prepare students to enter college-level classes. Students who want to enroll in advanced ESL classes must first meet with an ESL staff member and take the appropriate placement tests. Students in these levels focus on the academic reading, writing,
speaking, listening, and technological skills needed to make the transition to college-level work.

Upon completion of the advanced levels, students are ready to enroll in college degree programs. Students who are interested in transitioning to college level programming are encouraged to take the College Transitions for ESL Learners course. Students interested in this course must receive a recommendation from faculty or staff in order to enroll. Students in this course are required to co-enroll in a transferable credit college class. Upon successful completion of the College Transitions for ESL Learners course, in-district tuition for one three-credit-hour college class will be waived. Individuals must live or work in district to be eligible for the waiver.

**ESL 010 Beginning ESL Literacy (0.5-6) .5.0**

Beginning ESL Literacy is for individuals who have little or no knowledge of English but who are literate in their first language. At this level, students will begin to acquire language survival skills in speaking, listening, and writing. Students will also begin to understand and develop the learning skills and study habits necessary for successful language learning. In addition, they will learn to become full participants in routine classroom settings. Course is repeatable to a maximum of 24 credit hours. (1.9) Proficiency Credit Not Available Pass/No Credit Available.

**In-District Tuition/Fees:** $0 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).

**Prerequisite:** Must be a non-native speaker of English who needs to work on basic skills. A placement test and departmental consent are required. Students on certain types of visas may not qualify for the program.

**Semester(s) Offered:** Fall, Spring and Summer

**ESL 011 Low Beginning ESL (0.5-6) .5.0**

Low Beginning ESL is for individuals with minimal knowledge of English but are literate in their first language. At this level, students will develop language survival skills in speaking, writing, and listening. Students will also understand and develop the learning skills and study habits necessary for successful language learning. Course is repeatable to a maximum of 24 credit hours. (1.9) Proficiency Credit Not Available Pass/No Credit Available.

**In-District Tuition/Fees:** $0 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).

**Prerequisite:** Must be a non-native speaker of English who needs to work on basic skills. A placement test and departmental consent are required. Students on certain types of visas may not qualify for the program.

**Semester(s) Offered:** Fall, Spring and Summer

**ESL 012 High Beginning ESL A (0.5-6) .5.0**

High Beginning ESL A is for individuals with some knowledge of English who are literate in their first language. At this level, students will develop skills in speaking, listening, writing, reading, math, and technology as well as the learning skills and study habits necessary for successful language learning. Students will also participate in workforce preparation activities that will enable them to be successful outside of the classroom. Course is repeatable to a maximum of 24 credit hours. (1.9) Proficiency Credit Not Available Pass/No Credit Available.

**In-District Tuition/Fees:** $0 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).

**Prerequisite:** Must be a non-native speaker of English who needs to work on basic skills. A placement test and departmental consent are required. Students on certain types of visas may not qualify for the program.

**Semester(s) Offered:** Fall, Spring and Summer

**ESL 013 High Beginning ESL B (0.5-6) .5.0**

High Beginning ESL B is for individuals with a limited knowledge of English grammar and vocabulary. At this level, students will develop skills in speaking, listening, writing, reading, math, and technology as well as the learning skills and study habits necessary for successful language learning. Students will also participate in workforce preparation activities that will enable them to be successful outside of the classroom. Course is repeatable to a maximum of 24 credit hours. (1.9) Proficiency Credit Not Available Pass/No Credit Available.

**In-District Tuition/Fees:** $0 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).

**Prerequisite:** Must be a non-native speaker of English who needs to work on basic skills. A placement test and departmental consent are required. Students on certain types of visas may not qualify for the program.

**Semester(s) Offered:** Fall, Spring and Summer

**ESL 014 Low Intermediate ESL (0.5-6) .5.0**

Low Intermediate ESL is for individuals who have a foundation in English grammar and vocabulary, and who demonstrate proficiency in expressing everyday needs. At this level, students will develop writing proficiency while increasing vocabulary and grammar skills as they learn to complete authentic forms, write short notes, and compose short paragraphs. Students will also develop critical reading and listening skills with short written works. They will strengthen their oral skills through extensive practice in a variety of contexts. Course is repeatable to a maximum of 24 credit hours. (1.9) Proficiency Credit Not Available Pass/No Credit Available.

**In-District Tuition/Fees:** $0 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).

**Prerequisite:** Must be a non-native speaker of English who needs to work on basic skills. A placement test and departmental consent are required. Students on certain types of visas may not qualify for the program.

**Semester(s) Offered:** Fall, Spring and Summer
ESL 015 High Intermediate ESL A (.5-6) .5,0
(.5-6, 0) High Intermediate ESL A is for individuals who have a foundation in English and who demonstrate proficiency in expressing everyday needs in conversation and written form. At this level, students will demonstrate writing proficiency while expanding vocabulary and building grammar skills as they write formal letters, as well as detailed, logical paragraphs by means of technology. Students will also develop critical reading and listening skills as they read and listen to short written works. They will strengthen their skills through extensive practice in a variety of conversation contexts and classroom discussions. Course is repeatable to 24 credits. (1.9) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Must be a non-native speaker of English who needs to work on basic skills. A placement test and departmental consent are required. Students on certain types of visas may not qualify for the program.
Semester(s) Offered: Fall, Spring and Summer

ESL 016 High Intermediate ESL B (.5-6) .5,0
(.5-6, 0) High Intermediate ESL B is for individuals who have a foundation in English and who demonstrate oral and writing proficiency in expressing everyday needs. Grammar and vocabulary continue to be presented in order to improve a student's oral skills, telephone skills, and social interactions. Students will continue to develop and apply critical reading skills as they read authentic materials on relevant topics and non-prose information. Students will develop writing mastery by composing high intermediate level paragraphs and producing business documents as they use technology. A student must complete and pass a departmental writing test and must develop an academic/career plan with the ESL Transitions Coordinator at the end of this course before being allowed entrance to Advanced ESL A. Course is repeatable to a maximum of 24 credit hours. (1.9) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Must be a non-native speaker of English who needs to work on basic skills. A placement test and departmental consent are required. Students on certain types of visas may not qualify for the program.
Semester(s) Offered: Fall, Spring and Summer

ESL 017 Advanced ESL A (.5-6) .5,0
Advanced ESL A is for individuals who are proficient in English but need to prepare for academic programs at the collegiate level. At this level, students will improve their skills in speaking, listening, writing, reading, math, and technology in preparation for entry into a college program. Students will also practice the learning skills and habits necessary for success in academic settings. Course is repeatable to a maximum of 24 credit hours. (1.9) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Must be a non-native speaker of English who needs to work on basic skills. A placement test and departmental consent are required. Students on certain types of visas may not qualify for the program.
Semester(s) Offered: Fall and Spring

ESL 018 Advanced ESL B (.5-6) .5,0
Advanced ESL B is for individuals who are proficient in English but need to prepare for academic programs at the collegiate level. At this level, students will improve their skills in speaking, listening, writing, reading, math, and technology in preparation for entry into a college program. Students will also practice the learning skills and habits necessary for success in academic settings. Course is repeatable to a maximum of 24 credit hours. (1.9) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Must be a non-native speaker of English who needs to work on basic skills. A placement test and departmental consent are required. Students on certain types of visas may not qualify for the program.
Semester(s) Offered: Fall and Spring

ESL 019 College Transitions for ESL Learners (.5-6) .5,0
College Transitions for ESL Learners is for individuals who are proficient in English but need support transitioning to academic programs at the collegiate level. At this level, students will improve their skills in speaking, listening, writing, reading, math, and technology while being co-enrolled in a college class. Students will also practice the learning skills and habits necessary for success in academic settings. Course is repeatable to a maximum of 24 credit hours. (1.9) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Must be a non-native speaker of English who needs to work on basic skills. A placement test and departmental consent are required. Students on certain types of visas may not qualify for the program.
Semester(s) Offered: Spring

ESL 020 High Beginning ESL Speaking (3-6) 3,0
(3 or 6, 0) This course is for individuals who would like to improve their oral English skills to meet a level of confidence for daily usage. Students will participate actively in classroom activities to improve both listening comprehension and communication skills to express every day needs while learning new vocabulary and phrases. Repeatable to 12 credits.(1.9) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Placement test and demonstration of high beginning literacy skills
Semester(s) Offered: Varies
ESL 021 High Intermediate ESL Speaking (3-6)  3.0
(3 or 6, 0) This course is for individuals who have an advanced level foundation in written English but need more practice in oral classroom communications. Students will gain confidence in speaking and pronunciation through active participation in classroom activities, including informal speeches/reports to class. Repeatable to 12 credits. (1.9) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Placement test and/or mastery of intermediate level grammar is required
Semester(s) Offered: Varies

ESL 022 Advanced ESL Speaking (3-6)  3.0
(3 or 6, 0) This course is for individuals who are strong with written English but want to participate more effectively with speaking skills in work, classroom and social situations. Student will participate in classroom discussions, community research and self-assessment to foster skills of continual improvement in spoken English ability. Repeatable to 12 credits. (1.9) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Placement test
Semester(s) Offered: Varies

ESL 023 High Beginning ESL Writing (3-6)  3.0
(3 or 6, 0) Prerequisite: Placement test, teacher recommendation, or mastery of learning outcomes (excluding writing) High Beginning ESL Writing is for individuals with a limited knowledge of English grammar and vocabulary, at this level students will develop writing skills in order to express everyday needs. They will demonstrate mastery in writing simple sentences. Repeatable to 12 credits. (1.9) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Placement by program or successful completion of ESL 013 or ESL 021
Semester(s) Offered: Fall and Spring

ESL 024 High Intermediate ESL Writing (3-6)  3.0
(3 or 6, 0) Prerequisite: Placement test, teacher recommendation, or mastery of learning outcomes (excluding writing) High Intermediate ESL Writing is for individuals who have a foundation in English grammar and vocabulary, and who demonstrate proficiency in expressing everyday needs. At this level, students will develop writing proficiency while increasing vocabulary and grammar skills as they learn to complete authentic forms, write short notes, and compose short paragraphs. Repeatable to 12 credits. (1.9) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: in Intermediate Beginning ESL
Semester(s) Offered: Fall and Spring

ESL 025 Advanced ESL Writing (3-6)  3.0
(3 or 6, 0) Prerequisite: Placement test, teacher recommendation, or mastery of learning outcomes (excluding writing) Advanced ESL Writing is for individuals who are interested in pursuing academic college courses. This course is for individuals who have a foundation in English and who demonstrate high proficiency in expressing everyday needs in conversation and written form. At this level, students will work to achieve writing proficiency while expanding vocabulary and building grammar skills as they write paragraphs, short, logical essays, and formal letters. Repeatable to 12 credits. (1.9) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: in Advanced Beginning ESL
Semester(s) Offered: Summer

ESL 034 Low Intermediate ESL Writing/Reading (.5-6)  3.0
Low Intermediate ESL Writing/Reading is for individuals who have a foundation in English grammar and vocabulary, and who demonstrate proficiency while expanding vocabulary and grammar skills as they learn to complete authentic forms, write short notes and compose short paragraphs. Students will learn to apply reading and writing strategies and develop critical reading skills. Course is repeatable to 24 credits. (1.9) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Placement by program assessment or successful completion of ESL 013 or ESL 023.
Semester(s) Offered: Fall and Spring

ESL 035 High Intermediate ESL Writing/Reading (.5-6)  3.0
High Intermediate ESL Writing/Reading is for individuals who have a foundation in English and demonstrate proficiency in expressing daily needs in written form. At this level, students will demonstrate writing proficiency while expanding vocabulary and building grammar skills as they write formal letters, as well as detailed, logical paragraphs by means of technology. Students will learn to apply reading and writing strategies and develop critical reading skills. Course is repeatable to 24 credits. (1.9) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Placement by program or successful completion of ESL 014, or ESL 034.
Semester(s) Offered: Fall and Spring
ESL 040 English Literacy/Civics I (.5-6) .5,0
EL Civics I is for students with limited knowledge of written English who want to develop skills to communicate within their communities. They will enhance their roles as informed parents, workers, neighbors, and community participants by becoming informed and understanding community resources, consumer economics, health, health care, and wellness. (1.9) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Adult Ed. pre test and departmental consent
Semester(s) Offered: Varies

ESL 041 English Literacy/Civics II (.5-6) .5,0
EL/Civics II is for individuals with a limited knowledge of English grammar and vocabulary. Students will enhance their roles as informed parents, workers, neighbors, and community participants by participating in activities related to employment, democratic processes, and school systems in the United States. (1.9) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Adult Education pre-test and departmental consent.
Semester(s) Offered: Varies

ESL 050 Introductions to Healthcare Professions (.5-6) .5,0
(.5-6, 0) This course will prepare adult education students to begin training for targeted healthcare career programs. Students will learn the responsibilities of different healthcare professions and the specific academic requirements to enter those fields. This includes how to prepare for the PSB-HOA (Healthcare Occupational Aptitude Test), which is a requirement for entry to many healthcare programs. The course will emphasize time management, study skills, and test taking strategies along with the teamwork and communication skills required in the healthcare workplace. The course will develop reading and writing skills using content that is contextualized for the healthcare professions. The course will provide opportunities to practice the digital literacy skills necessary for academic coursework. Course is repeatable up to three times. (1.9) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Must be a non-native speaker of English. A placement test and departmental consent are required. Students on certain types of visas may not qualify for the program.
Semester(s) Offered: Varies

ESL 052 Introduction to Early Childhood Educ Pro (.5-6) .5,0
(.5-6, 0) Students will gain knowledge of the career pathways and educational/vocational requirements in the field of Early Childhood Education. Through contextualized instruction, students will expand their oral and written skills, be introduced to legal and cultural issues in the field, and reflect on themselves as potential Early Childhood Education professionals. Course is repeatable up to three times. (1.9) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Co-enrollment in an approved adult education course and departmental consent.
Semester(s) Offered: Varies

ESL 053 Introduction to Early Childhood Educ Pro (.5-6) .5,0
(.5-6, 0) Students will gain knowledge of the career pathways and educational/vocational requirements in the field of Early Childhood Education. Through contextualized instruction, students will expand their oral and written skills, be introduced to legal and cultural issues in the field, and reflect on themselves as potential Early Childhood Education professionals. (1.9) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Co-enrollment in an approved adult education course and departmental consent.
Semester(s) Offered: Varies

ESL 055 Intro to Industrial Arts Careers (.5-6) .5,0
This course is designed for students who are interested in manufacturing careers and are concurrently working to improve basic skills through enrollment in the English as a Second Language program. Students will score into the Low or High Intermediate ESL levels on the CASAS exam. A small number of ESL students may be served who have the equivalency of a high school diploma but have limited English language skills. Students will explore the requirements, expectations, and outlook for different careers in industrial arts. Students will work on modules in academic success, career awareness, and career development while developing the basic academic and soft skills necessary for success in a manufacturing program of study. Self-assessment and review of skills will assist students with planning a path toward their short term and long term goals. Course is repeatable three times to 24 credits. (1.9) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Co-enrollment in an approved adult education course and departmental consent.
Semester(s) Offered: Varies
ESL 056 Intro to Industrial Arts Careers (.5-6) .5,0
This course is designed for students who are interested in manufacturing careers and are concurrently working to improve basic skills through enrollment in the English as a Second Language program. Students will score into the Advanced ESL levels on the CASAS exam. A small number of ESL students may be served who have the equivalency of a high school diploma but have limited English language skills. Students will explore the requirements, expectations, and outlook for different careers in industrial arts. Students will work on modules in academic success, career awareness, and career development while developing the basic academic and soft skills necessary for success in a manufacturing program of study. Self-assessment and review of skills will assist students with planning a path toward their short term and long term goals. Course is repeatable up to 24 credits. (1.9) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Co-enrollment in an approved adult education course and departmental consent.
Semester(s) Offered: Varies

ESL 060 High Beginning Contextualized ESL (.5-6) .5,0
(.5-6, 0) Students will gain the language, occupational knowledge, and communication skills necessary for successful transition to study in their chosen career field. Instruction will include study skills and career self-assessment. (1.9) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test and departmental consent.
Semester(s) Offered: Varies

ESL 061 Intermediate Contextualized ESL (.5-6) .5,0
(.5-6, 0) Students will gain the language, occupational knowledge, and communication skills necessary for successful transition towards study in their chosen career field. Instruction will include study skills and career self-assessment. (1.9) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test and departmental consent.
Semester(s) Offered: Varies

ESL 062 Advanced Contextualized ESL (.5-6) .5,0
(.5-6, 0) Students will gain the language, occupational knowledge, and communication skills necessary for successful transition towards study in their chosen career field. Instruction will include study skills and career disposition assessment. Course is repeatable up to three times. (1.9) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test and departmental consent.
Semester(s) Offered: Varies

ESL 071 Thriving in the Workplace (.5-6) .5,0
Students will gain the necessary attitudes, behaviors, and skills required by employers to be successful in the workplace. (1.9) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test and departmental consent.
Semester(s) Offered: Varies

ESL 072 Thriving in the Workplace (.5-6) .5,0
Students will gain the necessary attitudes, behaviors, and skills required by employers to be successful in the workplace. (1.9) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Appropriate adult education placement test and departmental consent.
Semester(s) Offered: Varies

ESL 077 Pre-Citizenship (.5-3) .5,0
(.5-3, 0) The objective of this course is to give the student information about the structure, function, powers, responsibilities, and the role of government in the lives of an individual, to understand the court system, and to be aware of how the justice system protects the rights of the individual, as well as creating the necessity for involved, responsible participants/citizens. Course is repeatable four times up to 12 credits. (1.9) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Must have a valid ‘Resident Alien’ card and take an ESL placement test.
Semester(s) Offered: Fall, Spring and Summer
ESL 078 Citizenship (.5-3) .5,0
(.5-3, 0) This course is specifically designed for English speaking individuals preparing for naturalization interview/test required for U.S. citizenship. The course provides an overview of significant historical events; facts and concepts of federal, state, and local government; current political, governmental and social information; explanations of U.S. culture and institutions; and citizen rights and responsibilities. Course is repeatable four times up to 12 credit hours. (1.9) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Must be eligible for naturalization application, take an ESL placement test, placing into Low Beginning ESL

Semester(s) Offered: Fall, Spring and Summer

English as a Second Language-Computers (ECO)

ECO 083 Basic Workplace Computer Skills-ESL (.5-6) .5,0
Basic Workplace Computer Skills-ESL is for individuals who have a foundation in English grammar and vocabulary and demonstrate proficiency in expressing everyday needs. In this class, students will develop vocabulary related to basic computer usage as well as other basic computer skills needed for the workplace. Topics will include computer navigation and tools usage, internet basics, and basic software skills (word processing, spreadsheets, and slideshows). Students will also develop skills related to the workplace such as resume and cover letter basics and using search tools on the internet. (1.9) Proficiency Credit: Not Available Pass/No Credit: Available.

In-District Tuition/Fees: $0 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Must be a non-native speaker of English who needs to work on basic skills. A placement test and departmental consent are required. Students on certain types of visas may not qualify for the program.

Semester(s) Offered: Varies

Entrepreneurship (ENT)

All ENT courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.

ENT 101 Entrepreneurship (3) 3,0
This course is designed as an introductory course in entrepreneurship, including an overview of the major elements associated with starting and maintaining a business enterprise including financial statement review, professional advisors, marketing issues and other related topics. Students examine various small businesses and analyze successful and unsuccessful business ownership and management practices. (1.2) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: None

Semester(s) Offered: Fall and Spring

ENT 111 Small Business Management (3) 3,0
This course is designed to help the student understand the advantages and disadvantages of going into business; know how to construct a business plan and how to get started; be able to identify the form of business that best meets the needs of the small business. The student should be able to recognize the obstacles to success and get an understanding of how to overcome them. (1.2) Proficiency Credit Available (3 I) Pass/No Credit Not Available NOTE: This course is offered concurrently as MMT 111. The student must decide whether to earn credits in Entrepreneurship (ENT) or Management (MMT) prior to enrolling.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: None Recommended: MMT 101

Semester(s) Offered: Fall and Spring

ENT 210 Small Business Finance (3) 3,0
This course examines the various resources available for funding a small business. The student will analyze financial statements and write a loan proposal. The student will also gain an understanding of working capital and cash management. (1.2) Proficiency Credit Not Available Pass/No Credit Available NOTE: This course is offered concurrently as MMT 210. The student must decide whether to earn credits in Entrepreneurship (ENT) or Management (MMT) prior to enrolling.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: BUS 100 or ACC 100 or consent of instructor

Semester(s) Offered: Fall

ENT 220 Business Plan Writing (3) 3,0
This course is about business planning in the Entrepreneurship track, students work in groups to develop, construct, present, evaluate, and analyze a market-ready business plan. Business plan development will include all areas of the business planning process including: business concept, product development, marketing, management, financing, and ongoing operation. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: BUS 100 or ACC 100 or consent of instructor Recommended: ENT 101

Semester(s) Offered: Spring

Environmental Control Systems (ECS)

All ECS courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.
ECS 103 Commercial/Industrial Boilers (3)  
Provides a comprehensive study of all aspects of high pressure boilers. Contents include steam boiler operations, accessories, boiler operation safety, computer and programmable controls, water treatment, and testing. Course is repeatable to six credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
Prerequisite: Grade of C or better in HAC 106.
Semester(s) Offered: Fall and Spring

ECS 108 Commercial Electronic Control System (3)
This course is geared towards students and those individuals with some background in HVACR electronic controls. Emphasis is placed on function and application of HVACR electronic control systems. The subject material is structured for maximum participation in the interpretation of control sequences and selection of equipment. Course is repeatable to six credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
Prerequisite: Grade of C or better in HAC 104
Semester(s) Offered: Varies

ECS 110 Codes and Standards (3)
Familiarization with and identification of sources of current federal, state, local codes and standards (ASHRAE) applied to building, plumbing, electrical, heating, ventilation, refrigeration and air conditioning systems. Course is repeatable to six credits. (1.2) Proficiency Credit Available (2LT) Pass/No Credit Not Available.
Prerequisite: Grade of C or better in HAC 101, HAC 103, HAC 109, HAC 114, and HAC 119 or consent of instructor
Semester(s) Offered: Fall and Spring

ECS 111 Introduction to Photovoltaic Systems (3)
ECS 111 covers the fundamental operating principles, function, location and application of photovoltaic electric systems. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
Prerequisite: None
Semester(s) Offered: Fall and Spring

ECS 112 Survey of Renewable Energy Systems (2)
An overview course in The Business of Renewable Energy. The course will explore Regulatory Frameworks, emerging and established technologies, practical examples of startup companies, and challenges and opportunities in reducing our reliance on carbon based energy sources. Anyone looking for a broad perspective from current professionals in the energy sector today, or just trying to make sense of all The GreenWash out there, this is for you. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
Prerequisite: None
Semester(s) Offered: Fall and Spring

ECS 113 Energy Auditing (3)
This course studies energy auditing for residential and light commercial structures including the purposes and limitations of three types of energy audits. Students will apply the theories learned in the classroom by performing a comprehensive energy audit on an existing structure. This course will provide hands on experience with the instrumentation necessary to perform an energy audit including: blower door testing, thermal imaging, and duct pressurization tests. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
Prerequisite: ECS 112 or consent of instructor
Semester(s) Offered: Fall and Spring

ECS 114 IAQ for Commercial Buildings (3)
This course covers IAQ problems that face building occupants and problems confronting building managers in buildings today. IAQ guidelines, EPA, OSHA, and other federal regulations will be covered as well as solving indoor air quality problems. Course is repeatable to six credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
Prerequisite: ECS 112 or consent of instructor
Semester(s) Offered: Fall and Spring

ECS 116 Introduction to Wind Energy (3)
Students will examine, operate, and evaluate a small wind powered electrical generation system. The course of study will include: installation and cost benefit analysis. The installation will include the use of standard hand tools and materials. The evaluation will include efficiency analysis calculations and the use of air flow and power measurement instruments. (1.2) Proficiency Credit Available (3 FMEST) Pass/No Credit Not Available.
Prerequisite: None
Semester(s) Offered: Varies
ECS 117 Intro to Sustainable Heating Systems (3)  2,2
Introduction to solar air heating using a combination of lecture, and fabrication lab sessions. Students will design, build and evaluate a solar air heating system. The design will include; material selection, heat transfer, and cost benefit analysis. The fabrication will include the use of standard hand tools and materials. The evaluation will include fundamental heat gain calculations and the use of air flow and temperature monitoring instruments. (1.2) Proficiency Credit Available (3 FMEST) Pass/No Credit Not Available.
In-District Tuition/Fees: $436 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall and Spring

ECS 118 Photovoltaic System Application (3)  2,2
This course examines the skills and knowledge necessary to work as a technician in the photovoltaic electricity industry. Subjects addressed include safety training, the function and interrelation of the systems located in a photovoltaic system. As well as a systems view of the equipment needed to provide usable electricity from sunlight. The course will focus primarily on the selection and application of photovoltaic equipment needed to provide both grid tied and off grid power. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $436 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in ECS 111
Semester(s) Offered: Fall and Spring

ECS 119 Wind Turbine Service (3)  2,2
This course examines the skills and knowledge necessary to work as a technician in the wind industry. Subjects addressed include safety training, the function and interrelation of the systems located in a wind power system. As well as a systems view of the propulsion and generation equipment typically located in a nacelle. The course will focus primarily on the production of electrical power following it from the wind turbine to the grid and finally to the end user. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $436 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in ECS 116
Semester(s) Offered: Spring

ECS 202 Commercial Load Calculations (3)  2,2
Provides a comprehensive study for heating and cooling load calculations for commercial buildings. Provides a wide range of procedures-both manual calculations procedures and computer-assisted. Emphasizes the Transfer Function Method (TFM) as a baseline procedure. CLTD/SCL/CLF are discussed. Course is repeatable to six credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $431 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in HAC 101 and HAC 205
Semester(s) Offered: Fall and Spring

ECS 206 Commercial Duct Design (3)  2,2
A study in commercial duct design to provide the student a primer on the theory and on the factors that relate to designing low pressure, low velocity air distribution systems. Duct sizing methods will include equal friction method, static regain, constant velocity, velocity reduction, and modified equal friction. This course will also cover specific applications found in commercial and industrial buildings. Course is repeatable to six credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $431 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in ECS 202 or concurrent enrollment in ECS 202

ECS 215 Commercial Applications Systems (3)  3,0
Students will use design procedure in selecting HVAC systems and performing the calculations and procedures that are required to size and locate the HVAC equipment and associated component for commercial buildings. Specifications of control and control cycles, layout, and designing of energy-efficient combination systems (heating and cooling) found in commercial and industrial buildings will also be covered. State-of-the-art equipment and control systems will be studied for maximum energy efficiency. This course bridges the gap between actual design and the theoretical knowledge. Course is repeatable to six credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $416 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in ECS 110 and ECS 114
Recommended: MTH 112
Semester(s) Offered: Varies

ECS 290 Energy Management Internship (2)  0,0
This course will provide the student with the acquisition of practical experience through the application of classroom theories and concepts in actual industry settings under the supervision of faculty and organizational staff. This off-campus, field based course will provide broad exposure to the operating components of organizations employing energy management philosophies and strategies. Students will be required to work 160 hours in the field, communicate regularly with faculty, submit reports/journals, and keep a task log. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Consent of instructor/coordinator
Semester(s) Offered: Varies

Fire Science & Safety (FSS)
All FSS courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.
FSS 101 Principles of Emergency Services (3) 3.0
This course provides an overview to fire protection and emergency services; career opportunities in fire protection and related fields; culture and history of emergency services; fire loss analysis; organization and function of public and private fire protection services; fire departments as part of local government; laws and regulations affecting the fire service; fire service nomenclature; specific fire protection functions; basic fire chemistry and physics; introduction to fire protection systems; introduction to fire strategy and tactics; life safety initiatives. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year) In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring

FSS 102 Fire Prevention (3) 3.0
This course provides fundamental knowledge relative to the field of fire prevention. Topics include history and philosophy of fire prevention, organization and operation of a fire prevention bureau, use and application of codes and standards, plans review, fire inspections, fire and safety education, and fire investigation. (1.2) Proficiency Credit Available (2ERI) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year) In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Prerequisite:None
Semester(s) Offered: Fall and Spring

FSS 103 Bldg Const. for Fire Prevention (3) 3.0
This course provides the components of building construction related to firefighter and life safety. The elements of construction and design of structures are shown to be key factors when inspecting buildings, preplanning fire operations, and operating at emergencies. (1.2) Proficiency Credit Available (2ERI) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year) In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better FSS 101 or consent of instructor
Semester(s) Offered: Spring

FSS 105 Principles of Emerg. Serv. Admin. I (3) 3.0
This course introduces students to the organization and management of a fire and emergency services department and the relationship of governmental agencies to the fire service. Emphasis is placed on fire and emergency service ethics and leadership from the perspective of the company officer.(1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year) In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in FSS 101 or consent of instructor.
Semester(s) Offered: Varies

FSS 106 Principles of Emerg. Serv. Admin. II (3) 3.0
One of two management courses required of eligible candidates pursuing Illinois certification as a Fire Officer I. Acquaints the student with the principles of communication and group dynamics as they relate to the company officer.(1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year) In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Prerequisite:Grade of C or better in FSS 105 or consent of instructor
Semester(s) Offered: Varies

FSS 110 Basic Operation Firefighter Module a (4) 3.5,1
This course provides partial training toward Basic Operations Firefighter Certification by the Office of the State Fire Marshal. Topics discussed include orientation/organization, fire behavior, building construction, safety, communication, self-contained breathing apparatus (SCBA), extinguisher training, and ropes and knots. Additionally, this course provides an overview of the Courage to be Safe course and the National Incident Management System 100 and 700 courses. The Courage to be Safe course provides the student with an introduction to all sixteen Firefighter Life Safety Initiatives and assists the user in taking the first steps toward addressing these initiatives in their job and department. This course advocates for cultural change as an important way to reduce fire service Line of Duty Deaths and injuries. The National Incident Management System courses provide a basic understanding of the National Incident Management System and introduces the student to the Incident Command System. This Course is approved by the Office of the State Fire Marshal (OSFM) and completion of this course qualifies students for the State Fire Marshal Certification Test Module A. (1.2) Proficiency Credit Available (3 MTFREIS) Pass/No Credit Not Available.
In-District Tuition/Fees: $778 (effective 2020/21 academic year) In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Admission into the Basic Operations Firefighter program or consent of program director
Semester(s) Offered: Fall and Spring

FSS 111 Basic Operation Firefighter Module B (4) 3.5,1
This course is the continuation of FSS 110. This course provides partial training toward Basic Operations Firefighter Certification by the Office of the State Fire Marshal. Topics discussed include ladders, hose and appliances, nozzles and fire streams, water supply, forcible entry, and ventilation. Additionally, this course provides the student with an overview of Cardio Pulmonary Resuscitation practices. This Course is approved by the Office of the State Fire Marshal (OSFM) and completion qualifies students for the State Fire Marshal Certification Test Module B. (1.2) Proficiency Credit Available (3 MTFREIS) Pass/No Credit Not Available.
In-District Tuition/Fees: $778 (effective 2020/21 academic year) In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in FSS 110 or consent of program director
Semester(s) Offered: Fall and Spring
FSS 112 Basic Operation Firefighter Module C (4)  3.5,1
This course is a continuation of FSS 110 and FSS 111. This course provides partial training toward Basic Operations Firefighter Certification by the Office of the Illinois State Fire Marshal. Topics discussed include search and rescue, fire control, loss control, protecting evidence, fire detection and alarm systems, prevention and public education, wild land and ground cover firefighting, firefighter survival, and basic first aid practices. This Course is approved by the Office of the State Fire Marshall (OSFM) and completion of this course qualifies students for the State Fire Marshal Certification Test Module C. (1.2) Proficiency Credit Available (2 MLTRSEIF) Pass/No Credit Not Available.
In-District Tuition/Fees: $778 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in FSS 110 and FSS 111 or consent of program director
Semester(s) Offered: Fall and Spring

FSS 113 Vehicle Operator/Rescue Awareness (1)  1.0
Technical Rescue Awareness is designed to give first due companies a basic awareness of requirements and hazards at technical rescue incidents. Training will meet standards of NFPA 1670. Professional qualifications require completion of the approved Technical Rescue Awareness course. Technical Rescue Awareness is designed as the introductory step in the acquisition of knowledge and skills required for first due company operations. Fire Service Vehicle Operator is designed to give fire service personnel the basic knowledge and skills to safely perform fire service vehicle operations as defined by NFPA 1451. Students must be employed by a fire department with appropriate sponsorship, insurance coverage, and an Illinois State Driver's License, Engaged in firefighting in an organized Illinois fire department as a fire protection person according to the Act, as attested to by the employing Fire Chief of the individual seeking certification. This Course is approved by the Office of the State Fire Marshall (OSFM) and completion qualifies students for the State Fire Marshal Certification Tests for Fire Service Vehicle Operator and Technical Rescue Awareness. (1.2) Proficiency Credit Available (2 RM) Pass/No Credit Not Available.
In-District Tuition/Fees: $182 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Consent of program director
Semester(s) Offered: Fall and Spring

FSS 115 Emergency Medical Responder (3)  3.0
This course prepares students to provide emergency pre hospital assessment and care for patients of all ages with a variety of medical conditions and traumatic injuries. Areas of study include an introduction to emergency medical services systems, roles and responsibilities of EMRs, anatomy and physiology, medical emergencies, trauma, and special considerations for working in the pre hospital setting. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

FSS 201 Fire Fighting Strategy & Tactics (3)  3.0
This course provides the principles of fire ground control through utilization of personnel, equipment, and extinguishing agents. (1.2) Proficiency Credit Available (2 RIE) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Prerequisite:Grade of C or better in FSS 101 or consent of instructor
Semester(s) Offered: Fall and Spring

FSS 202 Hazardous Materials Chemistry (3)  3.0
This course provides basic chemistry relative to the categories of hazardous materials including recognition, identification, reactivity, and health hazards encountered by emergency services. (1.2) Proficiency Credit Available (2 RIE) Pass/No Credit Not Available.
In-District Tuition/Fees: $446 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Prerequisite:None
Semester(s) Offered: Fall and Spring

FSS 203 Protect. Hydraulics & Water Supply (3)  3.0
This course provides a foundation of theoretical knowledge to understand the principles of using water in fire protection and to apply hydraulic principles to analyze and solve water supply problems. (1.2) Proficiency Credit Available (3 LETSIR) Pass/No Credit Not Available.
In-District Tuition/Fees: $446 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in FSS 103 or consent of instructor
Semester(s) Offered: Fall and Spring

FSS 204 Fire Protection Systems (3)  3.0
A study of the required standards for water supplies: protection systems; automatic sprinklers and extinguishing systems including analysis of various automatic signaling and detection systems. (1.2) Proficiency Credit Available (3 LETSIR) Pass/No Credit Not Available.
In-District Tuition/Fees: $421 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in FSS 101 or consent of instructor.
Semester(s) Offered: Fall and Spring

FSS 214 Fire Service Instructor-Basic Level (3)  3.0
This course is designed to meet the guidelines of the Illinois Fire Protection Personnel Standards and Education Commission to qualify fire service personnel to conduct training and education classes for others in the field. It is designed to teach the fire officer how to be more proficient in his or her work and how to use the resources that are available to him/her. Also how to utilize outlines, prepare classes, utilize tests, as well as participate in practice teaching where he/she can be evaluated. (1.2) Proficiency Credit Available (3 LETSIR) Pass/No Credit Not Available.
In-District Tuition/Fees: $421 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in FSS 204 or consent of instructor.
Semester(s) Offered: Fall and Spring
FSS 215 Emergency Med Technician-Basic (8)  7,3
In this course, students develop patient assessment skills and emergency treatment procedures. Medical emergencies covered include cardiac, resuscitation, and treating existing medical conditions such as diabetes, epilepsy, and emergency childbirth. Attention is given to treating and transporting traumatically injured patients; the course also involves extensive practical application of all treatment modalities. Special Note: The Illinois Department of Public Health and the Joint Commission on Accreditation for Hospitals require all students to pass a drug test and a criminal background check prior to participating in direct patient care as part of their educational program. (1.2) Proficiency Credit Available (3 LETSIR) Pass/No Credit Not Available - https://www.elgin.edu/firescience

www.elgin.edu/firescience (http://www.elgin.edu/firescience/)

All students taking FSS 215 are required to pass a drug test and a criminal background check.

In-District Tuition/Fees: $1181 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Effective Summer 2020 (1) Score in 12th percentile or higher in each section of PSB-HOA exam; or (2) grade of C or better in FSS 115; or (3) consent of instructor Prerequisite: None Recommended: Valid CPR card
Semester(s) Offered: Fall, Spring and Summer

FSS 220 Legal Aspects of Emergency Services (3)  3,0
This course addresses the federal, state, and local laws that regulate emergency services and reviews national standards, regulations, and consensus standards. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $436 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in FSS 101 or consent of instructor Semester(s) Offered: Fall and Spring

FSS 224 Fire Service Instructor - Level II (3)  2,1
This course includes instruction in curriculum planning and advanced teaching principles. The course includes all objectives identified by the Office of the State Fire Marshal for certification at the Fire Service Instructor II Level. Student must be engaged in firefighting and a member of an organized Illinois fire department or Fire Brigade. This Course is approved by the Office of the State Fire Marshal (OSFM) and completion qualifies students for the State Fire Marshal Certification Test for Fire Service Instructor II. (1.2) Proficiency Credit Available (2 LTFRSEIM) Pass/No Credit Not Available.

In-District Tuition/Fees: $421 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in FSS 214 Semester(s) Offered: Fall and Spring

FSS 226 Fire Behavior & Combustion (3)  3,0
This course explores the theories and fundamentals of how and why fires start, spread, and are controlled. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Prerequisite: None Semester(s) Offered: Fall and Spring

FSS 276 Fire Behavior & Combustion (3)  3,0
This course explores the theories and fundamentals of how and why fires start, spread, and are controlled. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Prerequisite: None Semester(s) Offered: Fall and Spring

FSS 278 Emergency Services Safety & Health (3)  3,0
This course introduces the basic concepts of health and safety relative to emergency service organizations. Topics include risk and hazard evaluation and control procedures for emergency service organizations. (1.2) Proficiency Credit Available Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Prerequisite: None Semester(s) Offered: Fall and Spring

FSS 281 Fire Safety & Survival Principles (3)  3,0
This course introduces the basic principles and history related to the national firefighter life safety initiatives, focusing on the need for cultural and behavioral change throughout the emergency services. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Prerequisite: None Semester(s) Offered: Fall and Spring

FSS 283 Fire Investigation I (3)  3,0
This course is intended to provide students with the fundamentals for proper fire scene interpretations including recognizing and conducting origin and cause, preservation of evidence and documentation, scene security, motives of the fire setter, and types of fire causes. (1.2) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in FSS 101, FSS 103, and FSS 276; or consent of instructor.
Semester(s) Offered: Fall and Spring

FSS 284 Fire Investigation II (3)  3,0
This course is intended to provide students with advanced technical knowledge on the rule of law, fire scene analysis, fire behavior, evidence collection and preservation, scene documentation, case preparation, and courtroom testimony. (1.2) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in FSS 283.
Semester(s) Offered: Fall and Spring
French (FRN)

FRN 101 Elementary French I (4)  
Designed for students who have no previous background in French. Includes essentials of grammar, pronunciation, practice in sentence structure, elementary composition and conversation. Emphasis is placed on the acquisition of the following skills: listening, speaking, reading and writing. (1.1) Proficiency Credit Available (2 HICT) Pass/No Credit Available.

In-District Tuition/Fees: $528 (effective 2020/21 academic year)

Semester(s) Offered: Fall

FRN 102 Elementary French II (4)  
Continuation of FRN 101, Elementary French. Four hours of presentation, discussion and practice. (1.1) Proficiency Credit Available (2 HICT) Pass/No Credit Available.

In-District Tuition/Fees: $528 (effective 2020/21 academic year)

Semester(s) Offered: Spring

FRN 201 Intermediate French I (4)  
Builds on FRN 101 and FRN 102 grammar aspects and vocabulary review. Specifically focuses on more complex grammar concepts, composition, vocabulary building and conversation. (1.1) Proficiency Credit Available (2 HICT) Pass/No Credit Available.

In-District Tuition/Fees: $528 (effective 2020/21 academic year)

Semester(s) Offered: Fall

FRN 202 Intermediate French II (4)  
Includes general grammar review of structure and most verb tenses. Presents additional tenses to complete the French verb system. Expands vocabulary and integrates composition exercises. Oral presentations and written assignments will be based on language and cultural audio and video tapes. The reading of short stories, novels, plays and/or poetry by French authors may also be assigned in preparation for class discussion. (1.1) Fulfills the ECC/IAI General Education/Humanities requirement. IAI Course Number: H1 900. Proficiency Credit Available (2 HICT) Pass/No Credit Available.

In-District Tuition/Fees: $528 (effective 2020/21 academic year)

Semester(s) Offered: Spring

FRN 211 Conversational French I (3)  
This conversation course allows students to use basic language skills learned in elementary French classes. Students develop confidence in speaking as they interact with each other and with instructor in French. Guidance is provided for discussion topics, vocabulary use and grammatical structure, but, explanations are kept at a minimum. (1.1) Proficiency Credit Not Available Pass/No Credit Available NOTE: This course is not a substitute for FRN 201 and 202 which are required for Foreign Language majors.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)

Semester(s) Offered: Spring

FRN 212 Conversational French II (3)  
Students aim at becoming more fluent speakers, as all conversations in class will be in French. Specifically assigned discussion topics focus on expanding vocabulary use and gaining confidence in the application of grammatical principles. (1.1) Proficiency Credit Not Available Pass/No Credit Available NOTE: This course is not a substitute for the second semester of FRN 202 which Foreign Language majors must take to complete requirements.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)

Semester(s) Offered: Varies
FRN 261 French Conversation Composition (3)  3.0
Intensive work aimed at developing speaking and writing skills. Considerable attention paid to spontaneous conversation styles and precise composition work. The increase of comprehension skills will be supported by the use of audio and video tapes and films. (1.1) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Prerequisite: Grade of C or better in FRN 202; four years of H.S. French with grade of C or better; four semesters of French in college with a grade of C or better; or placement.
Semester(s) Offered: Varies

FRN 262 Advanced French Composition Conv (3)  3.0
Continuation of FRN 261, French Conversation and Composition, with emphasis on compositions based on literary works of major authors, current newspapers and periodicals. (1.1) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Prerequisite: Grade of C or better in FRN 261; or five semesters of French in college with a grade of C or better; or placement.
Semester(s) Offered: Varies

General Student Development (GSD)

All GSD courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.

GSD 101 Keys to Success (2)  2.0
This course provides new students with an extensive orientation to college. Students will explore the various student support resources at Elgin Community College. Topics include: achieving success in college, managing finances, motivation and goal setting, learning styles, relating to others, and self-esteem. This class has a strong emphasis on group work and peer learning. (1.1) Proficiency Credit Available (2.) Pass/No Credit Not Available.

In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: None
Semester(s) Offered: Summer

GSD 120 Exploring Careers and College Majors (1)  1.0
Exploring Careers and College Majors (GSD 120) provides students with guidance in making effective career decisions. Students learn about the process of career decision making through numerous hands-on activities and in-class exercises. The course is designed to help students who are undecided or in the process of deciding on a particular career goal to increase their awareness of their career self-concept and to evaluate career options that correspond directly with their self-concept. (1.1) Proficiency Credit Available (2) Pass/No Credit Available.

In-District Tuition/Fees: $157 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: None
Semester(s) Offered: Fall and Spring

GSD 123 Peer Educator Development (1-2)  1.0
(1-2, 0) In this course participants will develop skills to successfully guide other college students by identifying complex issues that affect an individual’s ability to make a successful transition. Participants are introduced to student development theory while learning mentoring, cultural competency and leadership skills. The skills are applied through experiential activities using reflection to reinforce learning, lead with theory and promote participant growth and development. Course is repeatable three times. (1.1) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: None Recommended: Students be in a verified campus or community leadership position such as: Student Orientation Leader, Peer Leader, Student Government Leader, Student Trustee, Club Officer, Trustee Scholars, Recovery Peers, Admissions Ambassadors, Supplemental Instructors, In-class tutors, Athletics, Emerging Scholars, Academic or Honors Fraternity Officer, etc.
Semester(s) Offered: Fall, Spring and Summer

GSD 150 SERVE - Volunteer (5.5-1)  0.0
(0, 1.5-3) This course is intended to meet legislative guidelines which provide students with opportunities to participate in community service experiences. Students will select and be placed in an agency based on their skills, knowledge and interest. Opportunities may include, but are not limited to, tutoring, literacy training, neighborhood improvement, increasing environmental safety, animal shelter care, assisting the elderly or disabled, and providing mental health care. Repeatable to four credits. (1.1) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $66 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer
GSD 160 Job Search Strategies (1) 1.0
Effective 2020 Summer this course will be withdrawn. This course focuses on the strategies and materials needed to conduct a successful job search. Students will learn a wide variety of job search strategies and how to maintain a consistent search and a positive perspective. They will write a resume and related correspondence, learn the process of informational interviewing, and practice employment interviews using video feedback. (1.1) Proficiency Credit Available (2) Pass/No Credit Available.
In-District Tuition/Fees: $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Varies

Geography (GEO)

GEO 115 Intro to Physical Geography fulfills the physical sciences requirement for the Associate in Arts, Associate in Science, and Associate in Fine Arts degrees.

GEO 115 Intro to Physical Geography also fulfills the science requirement for the Liberal Studies degree.

GEO 116 Human Geography and GEO 216 Geography of the Developing World fulfill the social sciences requirement for the Associate in Arts, Associate in Science, Associate in Fine Arts, and Associate in Engineering Science degrees.

All GEO 116 Human Geography and GEO 216 Geography of the Developing World may be used to fulfill the social sciences requirement for the Associate in Liberal Studies and Associate of Applied Science degrees.

All GEO courses numbered 100 and above may also be applied to the major field and elective requirement for the AA and AS degrees.

GEO 115 Intro to Physical Geography (3) 3.0
* A survey of the physical environment and its effects on humanity. Topics include weather, climate, winds, rivers, oceans, earthquakes, volcanos, and glaciers. (1.1) Fulfills the ECC/IAI General Education/Physical Sciences requirement. IAI Course Number P1 909 Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $421 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Effective Summer 2020 Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Math: Grade of C or better in MTH 095 or MTH 096, or satisfaction of other placement criteria. Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Math: Grade of C or better in MTH 095, MTH 098, or MTH 099, or satisfaction of other placement criteria.
Semester(s) Offered: Fall and Spring

GEO 116 Human Geography (3) 3.0
A survey of the many ways humanity has adapted to the various environments and the effects of human populations on the earth. Topics include population, race, religion, language, political, and economic systems. (1.1) Fulfills the ECC/IAI General Education/Social Sciences requirement. IAI Course Number: S4 900N Proficiency Credit Available (2 C) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.+
Semester(s) Offered: Fall, Spring and Summer

Geology (GLY)

GLY 105 Environmental Geology fulfills the physical sciences requirement for the Associate in Arts, Associate in Science and Associate in Fine Arts degrees.

GLY 112 Physical Geology fulfills both the physical sciences requirement and the lab science requirement for the AA, AS, and AFA degrees.

GLY 105 Environmental Geology and GLY 112 Physical Geology may be used to fulfill the science requirement in the Associate in Liberal Studies degrees.

All GLY courses numbered 100 and above may also be applied to the major field and elective requirement in the AA and AS degrees.

All GLY courses numbered 100 and above may also be used to fulfill the science/math requirement in the Associate of Applied Science degree.

GLY 101 Survey of Geology (3) 3.0
Introductory lecture course in historical and physical geology covering nature and properties of the materials composing earth, distribution of materials throughout the globe, processes by which they are formed, altered, transported and distorted. (1.1) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $406 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer
GLY 105 Environmental Geology (3)  3.0
A non-technical survey of geological phenomena that relate directly to our present and future environmental problems. Includes natural hazards such as earthquakes and flooding. Deals with society related concerns such as waste disposal and resource depletion. Much emphasis on energy-related topics. (1.1) Fulfills the ECC/IAI General Education/Physical Sciences requirement. IAI Course Number P1 908 Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $426 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria.

Semester(s) Offered: Fall, Spring and Summer

GLY 112 Physical Geology (4)  3.2
Introductory course in historical and physical geology covering nature and properties of materials composing the earth. Includes studies and observations of the distribution of materials throughout the globe and processes by which they are formed, altered, transported and distorted. An all-day field trip or equivalent project is required. (1.1) Fulfills the ECC/IAI General Education/Physical Sciences requirement. IAI Course Number P1 907L Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $588 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Recommended: One year high school chemistry or equivalent.

Semester(s) Offered: Fall, Spring and Summer

GLY 220 Vertebrate Paleontology Field Method (2)  0.2
This course would apply classroom lessons in physical geology in the field of vertebrate paleontology. Students would travel with the instructor from Elgin, IL to Hanksville, UT. During the trip, many stops will be made to note changes in geology across the American Great Plains, through Iowa and Nebraska, to Colorado and Utah with discussions of global climate and geological changes throughout time. In Hanksville, the class will learn hands-on methods of prospecting, locating, and properly excavating late Jurassic-age dinosaur fossils with the highly experienced field crew from the Burpee Museum of Natural History from Rockford, IL.

The course includes classroom discussions before and after the trip, with the field trip lasting approximately 8 days. The classroom portion of the course will require reading certain necessary manuscripts to facilitate discussion. Students must successfully pass all evaluation tools (exams, quizzes) in the pre-trip part in order to be allowed to participate in the trip. Students are required to complete a post-trip project based on the information learned in the classroom and field. Additional requirements: Due to the nature of the field work, students must be medically fit to participate in a moderately demanding physical activity at elevated temperatures. Due to safety consideration of work in the quarry, students must be able to move unassisted on slightly uneven terrain.

(1.1) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $764 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Grade of C or better in GLY 112 Recommended: Successful completion of high school biology

Semester(s) Offered: Varies

German (GRM)

GRM 101 Elementary German I (4)  4.0
Designed for students who have no previous background in German. Includes essentials of grammar, pronunciation, practice in sentence structure, elementary composition and conversation. Emphasis is placed on the acquisition of the following skills: listening, speaking, reading and writing. (1.1) Proficiency Credit Available (2 CHT) Pass/No Credit Available.

In-District Tuition/Fees: $528 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: None. Students who are native speakers or who have previous knowledge of the language are strongly encouraged to take placement testing in the Testing Center. Students may apply to receive (proficiency) credit for each course for which they demonstrate mastery through placement testing.

Semester(s) Offered: Fall

GRM 102 Elementary German II (4)  4.0
Continuation of GRM 101, Elementary German. (1.1) Proficiency Credit Available (2 HICT) Pass/No Credit Available.

In-District Tuition/Fees: $528 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Grade of C or better in GRM 101; one year of H.S. German with grade of C or better; one semester of German in college with a grade of C or better; or placement.

Semester(s) Offered: Spring

GRM 201 Intermediate German I (4)  4.0
Includes grammar review from GRM 101 and 102. Specifically focuses on more complex grammatical concepts, composition, vocabulary building and practice in conversation. Supplementary intermediate level material may be read in class or as outside assignments. (1.1) Proficiency Credit Available (2 HICT) Pass/No Credit Available.

In-District Tuition/Fees: $528 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Grade of C or better in GRM 102; two years of H.S. German with grade of C or better; two semesters of German in college with a grade of C or better; or placement.

Semester(s) Offered: Fall
GRM 202 Intermediate German II (4)  4,0  
Course begins with brief GRM 201 grammar review. Additional activities focus on studying and applying increasingly complex grammatical concepts and vocabulary. Supplementary intermediate level material may be read, listened to or watched in class or as outside assignments. (1.1) Fulfills the ECC/IAI General Education/Humanities requirement. IAI Course Number: H1 900 Proficiency Credit Available (2 HICT) Pass/No Credit Available.  
In-District Tuition/Fees: $528 (effective 2020/21 academic year)  
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).  
Prerequisite: Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099; or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria. Other: Grade of C or better in GRM 201; three years of H.S. German with grade of C or better; three semesters of German in college with a grade of C or better; or placement.  
Semester(s) Offered: Spring

GRM 211 Conversational German I (3)  3,0  
Conversational course allowing students to apply basic language skills learned in elementary German classes. Students develop confidence in speaking as they interact with each other and with instructor in German. Guidance is provided for discussion topics, vocabulary use and grammatical structure. (1.1) Proficiency Credit Not Available Pass/No Credit Available. Note: This course is not a substitute for GRM 201 and 202 which are required for Foreign Language majors.  
In-District Tuition/Fees: $396 (effective 2020/21 academic year)  
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).  
Prerequisite: Prerequisite: Grade of C or better in RDG 201; or two years of H.S. German with grade of C or better; or two semesters of German in college with a grade of C or better; or placement.  
Semester(s) Offered: Varies

GRM 212 Conversational German II (3)  3,0  
Students aim at becoming more fluent speakers, as all conversations in class will be in German. Specifically assigned discussion topics focus on expanding vocabulary use and gaining confidence in the application of grammatical principles. (1.1) Proficiency Credit Not Available Pass/No Credit Available. Note: This course is not a substitute for GRM 201 and 202, which Foreign Language majors must take to complete requirements.  
In-District Tuition/Fees: $396 (effective 2020/21 academic year)  
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).  
Prerequisite: Prerequisite: Grade of C or better in RDG 201; or two years of H.S. German with grade of C or better; or two semesters of German in college with a grade of C or better; or placement.  
Semester(s) Offered: Varies

GRM 261 German Conversation Composition (3)  3,0  
Intensive work aimed at developing and improving speaking and writing skills. Considerable attention paid to spontaneous conversation styles and precise composition work. The increase of comprehension skills will be supported by the use of audio and video tapes and films. (1.1) Proficiency Credit Not Available Pass/No Credit Available.  
In-District Tuition/Fees: $396 (effective 2020/21 academic year)  
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).  
Prerequisite: Prerequisite: Grade of C or better in GRM 202; four years of H.S. German with grade of C or better; four semesters of German in college with a grade of C or better; or placement.  
Semester(s) Offered: Varies

GRM 262 Advanced German Composition Conv (3)  3,0  
Continuation of GRM 261, German Conversation and Composition, with emphasis on compositions based on literary works of major authors, current newspapers and periodicals. (1.1) Proficiency Credit Not Available Pass/No Credit Available.  
In-District Tuition/Fees: $396 (effective 2020/21 academic year)  
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).  
Prerequisite: Prerequisite: Grade of C or better in GRM 202; or five semesters of German in college with a grade of C or better; or placement.  
Semester(s) Offered: Varies

**Health and Wellness Management (HWM)**

All HWM courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.

HWM 100 Introduction to Health and Wellness (1)  1,0  
This course is an introduction to the careers of personal training and group fitness. Students will receive an overview of the locations, specializations and special populations encountered in the industry. A focus on the certification process and certification organizations for personal training and group fitness will guide the student toward next steps in becoming a fitness professional. The course will also highlight current fitness trends and related fitness and exercise professions. (1.2) Proficiency Credit Available (3 C) (2 HRE) Pass/No Credit Not Available.  
In-District Tuition/Fees: $132 (effective 2020/21 academic year)  
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).  
Prerequisite: None  
Semester(s) Offered: Fall and Spring
HWM 130 Pilates Mat (1)  0,2
This activity based course will emphasize the six principles of Pilates, proper exercise technique, Pilates terminology, and exercise progression. Learning the basic skills and knowledge of Pilates Mat through this instructor lead course will benefit group fitness instructors, personal trainers, and the student looking to supplement their workouts. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $152 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall

HWM 132 Group Fitness Instructor I (1)  0,2
This course is the first in a series of courses designed to prepare individuals for the American Council on Exercise (ACE) group fitness instructor certification exam. The first course covers content in the following areas: Exercise Physiology; Fundamentals of Anatomy; Fundamentals of Applied Kinesiology; Nutrition; and Group Exercise Program Design. (1.2) Proficiency Credit Available (2 Z) Pass/No Credit Not Available.
In-District Tuition/Fees: $152 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall

HWM 133 Group Fitness Instructor II (1)  0,2
This course is the second in a series of courses designed to prepare individuals for the American Council on Exercise (ACE) group fitness instructor certification exam. The second course covers content in the following areas: teaching a group exercise class; adherence and motivation; disabilities and health limitations; injury prevention and emergency procedures; and legal and professional responsibilities. (1.2) Proficiency Credit Available (2 Z) Pass/No Credit Not Available.
In-District Tuition/Fees: $152 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in HWM 132
Semester(s) Offered: Fall

HWM 135 Personal Wellness (1)  0,2
This course will be presented with a combination of classroom lecture and activity teaching methods to help the student incorporate fitness and wellness into their daily life. Key fitness and wellness topics will be highlighted along with supportive practical applications to guide the student toward wellness-related behaviors and a healthier lifestyle. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $152 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall

HWM 136 Advanced Group Fitness Instruction (1)  0,2
This class is designed to give the Group Fitness Instructor (GFI) the skills necessary to competently teach advanced group fitness formats with emphasis on practical application. The student will be introduced to current specialty class formats and trends. (1.2) Proficiency Credit Available (2 E) Pass/No Credit Not Available.
In-District Tuition/Fees: $142 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in HWM 133 or consent of instructor
Semester(s) Offered: Spring

HWM 137 Group Fitness as a Profession (1)  1,0
This course will emphasize the current trends in the group fitness industry including topics on: continuing education, professionalism, job opportunities, the interview/audition process, and the legal aspect of being an independent contractor. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in HWM 136 or consent of instructor
Semester(s) Offered: Spring

HWM 139 Sport and Exercise Psychology (3)  3,0
This course will provide students with a comprehensive approach to the field of sport and exercise psychology. The class is designed to progress the student through the main topics of this field by presenting an overview of sport and exercise psychology, learning about participants, understanding sport and exercise environments, focusing on group processes, improving performance, enhancing health and well-being, and facilitating psychological growth and development. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall

HWM 140 Athletic Injury Management (3)  3,0
Designed for students planning careers in coaching, physical education, or a fitness profession. This course will provide the student with the knowledge and skills necessary for the proper care and management of athletic injuries. Establishing an effective health care system, preventing and minimizing sport related injuries, and the recognition and management of specific injuries and conditions will all be highlighted in this course. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $446 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in BIO 240 or BIO 245 and BIO 246
Semester(s) Offered: Spring
HWM 142 Structural Kinesiology (3)  3.0
This course will use a combination of classroom lecture and practical skill training to teach human anatomy and its relation to movement. Individual muscles and muscle groups will be identified with an emphasis placed on muscle application, strengthening exercises and flexibility exercises designed specifically to improve each muscle. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/ (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in BIO 240 or BIO 245 and BIO 246
Semester(s) Offered: Fall

HWM 145 Health/Fitness Facility Standards (2)  2.0
This course outlines proper standards and guidelines used in the design and daily operations of a health and fitness facility. Students will be given the necessary tools of a fitness facility manager by learning how to evaluate facilities, staff and programs; maintain the standard of care for facility users; and how to increase client membership through services, equipment, and programming. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: None
Semester(s) Offered: Spring

HWM 147 Personal Training I (3)  3.0
This course is the first in a series of courses designed to prepare individuals for the American College of Sports Medicine (ACSM) Personal Trainer certification. The first course covers content in the following areas: field and profession of personal training; educational approach to personal training; scientific foundations of exercise testing and prescription; lifestyle factors associated with health and disease; and human behavioral principles applied to physical activity. (1.2) Proficiency Credit Available (2 Z) Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better or concurrent enrollment in HWM 132
Semester(s) Offered: Fall

HWM 148 Personal Training II (5)  5.0
This course is the second in a series of courses designed to prepare individuals for the American College of Sports Medicine (ACSM) Personal Trainer certification exam. The second course covers content in the following areas: initial client consultation; goals/objectives; screening and assessments; exercise prescription, exercise programming, and adaptations to exercise testing; physical fitness and clinical and diagnostic assessments; exercise testing and training for individuals with chronic disease; and exercise program administration. (1.2) Proficiency Credit Available (2 Z) Pass/No Credit Not Available.

In-District Tuition/Fees: $690 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in HWM 147
Semester(s) Offered: Fall and Spring

HWM 150 Personal Training Internship (2)  0.2
The course will be a combination of 6 weeks of classroom discussion and 10 weeks of practical skill application at a local fitness/wellness facility. The internship experience will provide an opportunity for students to apply skills from HWM 147 and concurrent HWM 148 in a practical setting under the direct supervision of a certified personal trainer. Academic projects directly related to the internship experience will be completed regularly during the semester emphasizing and utilizing the knowledge gained in current and previous HWM courses with safe demonstration of skills in the practical setting. (1.2) Proficiency Credit Available (2 EZ) Pass/No Credit Not Available.

In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in HWM 147 and concurrent enrollment in HWM 148
Semester(s) Offered: Spring

Health Professions Education (HPE)

HPE 112 Intro to Medical Terminology may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.

HPE 101 Socialization into Nursing Program (1)  1.0
This course will guide nursing students in learning effective strategies and identifying resources that will help them be successful in the nursing program. Key components of HPE 101 include: self awareness (learning styles, time management, stress management), success/study skills (note-taking, reading textbooks), college resources, relating to others in a professional role. Current skills will be expanded to successfully meet the demands and responsibilities in this professional program. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

SPECIAL NOTE: Criminal background checks and drug testing are required for the health professions programs. Refer to the catalog for more information.

In-District Tuition/Fees: $207 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Admission to Nursing Program
Semester(s) Offered: Fall and Spring

HPE 112 Intro to Medical Terminology (3)  3.0
This course is designed for those who plan to enter a health care field to develop proficiency in the use of medical terms. The development of medical terminology using a human body system approach incorporates the combination and interpretation of word elements. Medical prefixes, suffixes and anatomically related word roots are combined to form anatomical, diagnostic, symptomatic and surgical medical terms. Currently, emphasis is placed on correct pronunciation, spelling, and abbreviation of medical terms. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

No criminal background check, drug test, or PSB-HOA test scores are required for HPE 112.

In-District Tuition/Fees: $411 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: None
Semester(s) Offered: Fall and Spring
HPE 270 Global Context of Healthcare (2) 2,0
This course provides a wide-rangeing overview of healthcare systems. It combines historical perspective with analysis of current trends as it charts the evolution of modern health care, providing a complete examination of its organization and delivery while offering critical insight into the issues that the health systems face today. Important legislative, political, economic, organizational, and professional influences that transformed healthcare in the United States from a relatively simple professional service to the huge, complex, corporation-dominated industry will be explored and compared with countries with more demographically homogeneous populations. This course also examines issues of public health and U.S. spending on prevention efforts as compared with other countries as it recaps and summarizes selected topics in a future-oriented context. It outlines ongoing changes and tentatively forecasts future developments in institutional components and processes healthcare systems throughout the World. (1.1)
Grade of C or better in HAC 119 and IST 105 or consent of instructor
In-District Tuition/Fees: $516 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring

HAC 101 Air Conditioning and Refrigeration I (3) 2,2
Emphasis on reducing emission of fully halogenated chlorofluorocarbon (CFC) refrigerants in refrigeration and air-conditioning equipment and application. Studies the compressor system used in mechanical refrigeration and air-conditioning. Covers the refrigeration cycle, compressors, receivers, evaporators, condensers, metering devices and refrigerants. Attention is given also to temperature conversions, absolute temperature, and gas laws. Introduces safe and efficient use of tools and their components will be covered. Boiler system operation, low pressure, pumps, controls, water treatment, accessories, service and preventive maintenance, heat load calculations will be covered. Repeatable to six credits. (1.2) Proficiency Credit Available (3 LETSIR) Pass/No Credit Available.
In-District Tuition/Fees: $516 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

HAC 102 Air Conditioning & Refrigeration II (4) 2,4
Continuation of HAC 101, emphasizing the construction of equipment, systems, controls and accessories found in refrigeration and air conditioning unit systems. Special emphasis is given to servicing, repair, testing, installation, charging, reading and wiring from ladder diagrams, and troubleshooting. Emphasis will also be placed on charging and working with non ozone depleting refrigerants. Repeatable to eight credits. (1.2) Proficiency Credit Available (3 LETSIR) Pass/No Credit Not Available.
In-District Tuition/Fees: $648 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: a) HAC 101; and b) HAC 119 or concurrent enrollment in HAC 119; and c) either HAC 114 or IST 105, or concurrent enrollment in either HAC 114 or IST 105; or d) consent of instructor
Semester(s) Offered: Fall, Spring and Summer

HAC 103 Basic Heating Gas/Oil (3) 2,2
Will cover the theory and fundamentals of heating and combustion. The course will cover the basic heating units of gas. The cleaning and servicing of them, and the control systems will also be covered. Repeatable to 6 credits; only three credits may apply toward a degree or certificate. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $516 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in either HAC 114 or IST 105
Semester(s) Offered: Fall, Spring and Summer

HAC 104 HVAC Controls (3) 2,2
This course will cover the special controls used on commercial and industrial heating, air conditioning and refrigeration equipment. The operation, testing and servicing of these controls will also be covered. Repeatable to six credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $436 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in HAC 205 and IST 110 or consent of instructor
Semester(s) Offered: Fall and Spring

HAC 106 Advanced Heating Hydronics/Steam (3) 2,2
The theory and principles of steam, water piping, and their components will be covered. Boiler system operation, low pressure, pumps, controls, water treatment, accessories, service and preventive maintenance, heat load calculations will be covered. Repeatable to six credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $501 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in HAC 103
Semester(s) Offered: Fall and Spring
HAC 109 Basic Sheet Metal (3)  2,2
A basic course covering triangulation stresses and layout of sheet metal ducts and fittings. All layout will be done on paper in this course and then sample construction will be done in lab. Repeatable to six credits. (1.2) Proficiency Credit Available (3 LETSIR) Pass/No Credit Not Available.
In-District Tuition/Fees: $471 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

HAC 110 Heat Pumps & Electrical Heat (3)  2,2
Theory of refrigeration cycle with respect to heat pumps and electrical heat theory. Covers mechanical and electrical operation, service, repair, and proper installation. Also geothermal heat pumps will be covered.
Students will also take the RSES National Certification Heat Pump course. Book can be purchased in the HVAC&R office. Certification is included in the cost of the textbook. Repeatable to six credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $516 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Prerequisite:Grade of C or better in HAC 102 or concurrent enrollment in HAC 102 or consent of instructor.
Semester(s) Offered: Fall and Spring

HAC 111 Commercial Sheet Metal (3)  2,2
This course will cover advanced fitting layout, field measurements, advanced radial line developments and triangulation used in commercial construction of various duct fittings. Students will fabricate duct fittings for a particular project and will become responsible for their installation as well as installation of outdoor air and return air dampers for commercial units. Repeatable to six credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $471 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in HAC 109 and HAC 115
Semester(s) Offered: Varies

HAC 114 Basic Electricity and HVAC Controls (3)  2,2
A study of the electrical controls, electrical wiring diagrams and proper troubleshooting. Topics included are: electrical symbols, Ohms law, series and parallel circuits, power distribution, magnetism, switches, relays, AC current transformers, motor safety controls, capacitors and motors used in the HVACR field. Emphasis will be placed on reading and wiring up circuits from ladder wiring diagrams. The course will include the proper use of test instruments for troubleshooting. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $516 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

HAC 115 Blueprint Reading for Heating & AC (3)  2,2
A thorough examination of the components and elements that make up an architectural set of blueprints, including floor plans, foundation, electrical, heating, and plumbing, elevations, details and sections, plot plan, door, window, finish schedules, and general specifications. Residential and light commercial construction will be studied. Intended for the public and tradespersons interested in the general field of architecture. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $436 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring

HAC 116 Cost Estimating for Sheet Metal (3)  2,2
Students will learn basic procedures of estimating in all facets of metal fabrication which will include: ductwork, electrical wiring, piping, insulation, VAV equipment, temperature controls, HVAC units, air distribution equipment, heat and cooling equipment, air pollution equipment, heat recovery equipment, stamping, welding, machining, steel fabrication, forging, plastics finishing, brazing, plating and painting. This course will cover principles, practices, and procedures and provide a cost-effective, step-by-step method for cost estimating. Emphasis will be placed on pitfalls, problems, mistakes, inaccuracies that can occur in cost estimates. Basic concepts and steps that are required to develop man-hour and material based cost estimates will also be covered. Course is repeatable to six credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $436 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Varies

HAC 117 Architectural & Ornamental Sheet Metal (3)  2,2
This course will emphasize those sheet metal items and specialty items that can not be purchased from a manufacturer or supplier. Students will learn how to do repair or replacement work on architectural gutter and roofing. Due to OSHA laws emphasizing health and safety, students will learn to fabricate metal specialty items such as guards, machine guards, chutes, hoppers and other specialty items. Students will have the opportunity to experiment with a variety of styles of ornamental sheet metal items fabricated from copper and ornamental iron works with major emphasis on design, contour and mass. Students will concentrate on either architectural or ornamental fabrication for their final class project. Course is repeatable to six credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $471 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in HAC 109 and HAC 111
Semester(s) Offered: Fall and Spring
HAC 118 Testing & Balancing HVAC Equipment (3)  2,2
Students will study the most current procedures in testing, adjusting and balancing of air conditioning equipment. Topics which will be covered include use of instruments, preparing reports, balancing types of systems, equipment checkout, troubleshooting air problems, flow and pressure basics, balancing VAV systems, HVAC equipment, fans and drives, changing drives, grilles, diffuser and AK Areas will also be covered. Emphasis will be placed on balancing for energy conservation. Students will perform actual testing and balancing on HVAC equipment. Course is repeatable to six credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $436 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in HAC 104 and HAC 208 or concurrent enrollment in HAC 208 Recommended: MTH 107
Semester(s) Offered: Varies

HAC 119 Refrigerant Recovery Certification (.5)  .5,0
This course includes all information needed to prepare technicians to become certified to recover and contain refrigerant from both high and low pressure air conditioning and refrigeration equipment. This course is an EPA approved Refrigerant Certification course. Course is repeatable to two credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $91 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

HAC 205 Commercial Air Conditioning (3)  2,2
The study of DX cooling, open and hermetic centrifugal liquid chillers, ventilation theory and application will be covered. Emphasis will be placed on both the electrical and mechanical aspects of the field. Proper maintenance and start-up procedures of chillers will be covered. Instruction will cover psychrometrics, capacity control, zone control, capacity control and economizers. Actual electrical wiring on DX cooling and chillers will be studied. The use of new refrigerants and guidelines for retrofitting will be covered both in the lecture and lab. Theory and installation of pneumatics and electronic control systems will be covered. Repeatable to six credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $516 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in HAC 102 and HAC 119 or concurrent enrollment in HAC 119 or EPA refrigerant recovery certification
Semester(s) Offered: Fall and Spring

HAC 207 Commercial Refrigeration (3)  2,2
Study of high and low temperature applications and operations; mechanical and electrical components, service and repair, electrical circuitry, capacity control, and heat reclaim. Also covered are walk-in's, ice machines, and supermarket refrigeration equipment. Repeatable to six credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $516 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in HAC 102 and HAC 119 or concurrent enrollment in HAC 119 or EPA refrigerant recovery certification
Semester(s) Offered: Fall and Spring

HAC 208 Load Calculations & Duct Sys Design (4)  4,0
Residential heating and cooling load calculations will be covered. The use of computer programs is also included. The student will also design a duct system for heating, cooling, and ventilation. Repeatable to 8 credits; only four credits may apply towards a degree or certificate. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $568 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in HAC 101, 102, 103, 106, 109, 114, 119
Semester(s) Offered: Fall and Spring

HAC 220 HVACR National Certification (1)  1,0
This course will include pre-training for the Industrial Competency Exam (ICE). The ICE exam is sponsored by the Air Conditioning and Refrigeration Institute (ARI)/ Gas Appliance Manufacturer’s Association (GAMA). Three different exams are given at the end of the course which include Residential Air Conditioning and Heating, Light Commercial Air Conditioning and Heating, and Commercial Refrigeration. Course is repeatable to four credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in HAC 103 and HAC 110 or concurrent enrollment in HAC 103 and HAC 110
Semester(s) Offered: Varies

HAC 233 Special Topics in HVACR (.5)  .25,.5
Designed to satisfy specific needs or interests of students and the community. The following guidelines are to be used in selecting topics: 1) Adequate and available material on specific topic; 2) Comprehensive outlines for each topic; and 3) Course should be designed to increase skill and knowledge in the field of heating, air conditioning, and refrigeration. Repeatable to two credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $66 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Varies
HAC 234 Special Topics in Heat/Air Cond. (1)  0.5,1
Designed to satisfy specific needs or interests of students and the community. The following guidelines are to be used in selecting topics: 1) Adequate and available material on specific topic; 2) Comprehensive outline for each topic; and 3) Course should be designed to increase skill and knowledge in the field of heating, air conditioning, and refrigeration. Repeatable to six credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Varies

HAC 235 Special Topics in Heat/Air Cond. (2)  1,2
Designed to satisfy specific needs or interests of students and the community. The following guidelines are to be used in selecting topics: 1) Adequate and available material on specific topic; 2) Comprehensive outline for each topic; and 3) Course should be designed to increase skill and knowledge in the field of heating, air conditioning, and refrigeration. Repeatable to four credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Varies

HAC 236 Special Topics in Heat/Air Cond. (3)  2,2
Designed to satisfy specific needs or interests of students and the community. The following guidelines are to be used in selecting topics: 1) Adequate and available material on specific topic; 2) Comprehensive outline for each topic; and 3) Course should be designed to increase skill and knowledge in the field of heating, air conditioning, and refrigeration. Repeatable to six credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $436 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

Hindi (HIN)

All HIN courses numbered 100 and above may be used to fulfill the liberal education requirement for the Associate of Applied Science degree.

All HIN courses numbered 100 and above may be applied to the major field and elective requirement in the AA and AS degrees.

HIN 101 Elementary Hindi I (4)  4.0
Designed for students with no previous knowledge of Hindi. Students will learn the basics of this major national language of India, as well as its historical cultural underpinnings. Essentials of grammar, pronunciation, sentence structure, and elementary composition will be introduced. Beginning level conversational ability will be developed, along with the abilities to read and write Hindi at an elementary level both in its traditional devanagari script and in romanization. (1.1) Proficiency Credit Available (2 HICT) Pass/No Credit Not Available.
Credit Not Available.
Repeatable to four credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $528 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.
Semester(s) Offered: Varies

HIN 102 Elementary Hindi II (4)  4.0
Continuation of HIN 101. Further development of grammar, pronunciation, sentence structure, and composition. Elementary-intermediate conversational ability will be developed, along with the abilities to read and write Hindi at the elementary-intermediate level in the devanagari script. (1.1) Proficiency Credit Available (2 HICT) Pass/No Credit Not Available.
Credit Not Available.
Repeatable to three credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $528 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Prerequisite: Grade of C or better in HIN 101.
Semester(s) Offered: Varies

History (HIS)

HIS 101 History of Western Civilization I, HIS 102 History of Western Civilization II, HIS 115 History of World Civilizations I, HIS 116 History of World Civilizations II, HIS 120 History of the Non-Western World I, HIS 121 History of the Non-Western World II, HIS 130 History of Latin America I, HIS 131 History of Latin America II, HIS 140 History of Asia & Pacific I, HIS 141 History of Asia & Pacific II, HIS 151 U S History to 1870, and HIS 152 U S History Since 1865 fulfill the social sciences requirement for the Associate in Arts, Associate in Science, Associate in Fine Arts, and Associate in Engineering Science degrees.

All HIS courses numbered 100 and above may be applied to the major field and elective requirements for the AA and AS degrees and the social or behavioral sciences requirements for the Associate of Applied Science and Associate in Liberal Studies degrees.

HIS 118 Foundations of Civilization and HIS 160 American Civilization fulfill the humanities requirement for the AA, AS, AFA, AES, and AAS degrees.
HIS 100 Topics in History (1-3)  1,0
(1-3, 0) Designed to introduce the student to the complexities and challenges involved in a disciplined study of the past. Each topical section will concentrate on an intensive study and investigation of a particular topic in history. Repeatable to a total of six credits. (1.1) Proficiency Credit Available (3 C) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year) In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring

HIS 101 History of Western Civilization I (3)  3,0
Study of the historical origins and development of western ideas, values and institutions from ancient times to the Renaissance. Examines selected ideas and aspects of cultural evolution which have most directly influenced the present. (1.1) Fulfills the ECC/IAI General Education/Social Sciences requirement. IAI Course Number: S2 902 Proficiency Credit Available (3 C) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year) In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.
Semester(s) Offered: Fall, Spring and Summer

HIS 102 History of Western Civilization II (3)  3,0
A history of Western Civilization from the Renaissance to the Contemporary Age. The course will concern itself with the political, social, economic, cultural and artistic developments of the period. (1.1) Fulfills the ECC/IAI General Education/Social Sciences requirement. IAI Course Number: S2 903 Proficiency Credit Available (3 C) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year) In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.
Semester(s) Offered: Fall, Spring and Summer

HIS 116 History of World Civilizations II (3)  3,0
Starting with an assessment of the European Renaissance in the 15th century and increasing interaction among societies in various regions of the world, this course examines the ongoing development of major civilizations throughout the globe to modern times. (1.1) Fulfills the ECC/IAI General Education/Social Sciences requirement. IAI Course Number: S2 913N Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year) In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.
Semester(s) Offered: Spring

HIS 118 Foundations of Civilization (3)  3,0
The development of world civilization from the earliest peoples to modern global interdependence among peoples and nations. Emphasis is on the relationship between present and past and on the recurring themes that connect past, present, and future. Examines landmark documents and artifacts that have shaped human events and cultures. (1.1) Fulfills the ECC/IAI General Education/Humanities requirement. IAI Course Number: H2 900 Proficiency Credit Available (2 ) Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year) In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.
Semester(s) Offered: Fall

HIS 119 History & Politics of Gender (3)  3,0
This interdisciplinary course is a broad survey of the history and politics of gender. Using the disciplines of history and political science, students will examine foundational texts in both disciplines that consider gender as an organizing principle in societies across time and geographic location. Students will examine historical and contemporary questions of the construction and representation of gender and its relationship to political power and inequality in the United States and around the world. The course will allow students to use the concept of gender to explore each discipline in order to encourage further study. (1.1) IAI General Education: S9 902D Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year) In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.
Semester(s) Offered: Fall, Spring and Summer
HIS 120 History of the Non-Western World I (3)  3,0
This course examines the political, social, intellectual, cultural, and economic history of non-western cultures in Asia, Africa and Latin America. A particular focus is placed on the origins of contemporary non-western societies. with the West, industrialization and the global economy changed Asian societies. (1.1) Fulfills the ECC/IAI General Education/Social Sciences requirement. IAI Course Number: S2 920N Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)  
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria. +  
 Semester(s) Offered: Varies

HIS 121 History of the Non-Western World II (3)  3,0
This course examines the political, social, intellectual, cultural and economic history of non-western cultures of Asia, Africa and Latin America. A particular focus is placed on the origins of contemporary non-western societies and the varied responses and adaptations to modernity and Western influences. (1.1) Fulfills the ECC/IAI General Education/Social Sciences requirement. IAI Course Number: S2 904N Proficiency Credit Available (2)

In-District Tuition/Fees: $396 (effective 2020/21 academic year)  
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria. +  
 Semester(s) Offered: Varies

HIS 130 History of Latin America I (3)  3,0
This course examines the political, social, intellectual, cultural, religious and intellectual history of the principle Latin American regions from pre-Columbian times and centuries of European hegemony through the early years of independence. (1.1) Fulfills the ECC/IAI General Education/Social Sciences requirement. IAI Course Number: S2 905N Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)  
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria. +  
 Semester(s) Offered: Varies

HIS 131 History of Latin America II (3)  3,0
This course examines the political, economic, cultural, social, religious and intellectual history of the principle Latin American states and their people from the early years of independence to modern times. (1.1) Fulfills the ECC/IAI General Education/Social Sciences requirement. IAI Course Number: S2 920N Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)  
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria. +  
 Semester(s) Offered: Varies

HIS 140 History of Asia & Pacific I (3)  3,0
This course explores some of the major historical issues which have molded Asian history from ancient times to the early modern period. Rather than dealing solely with names and dates, students are asked to consider such issues as why Indian and Chinese civilizations followed such seemingly different paths as well as how the relative geographic isolation of Japan shaped its society. (1.1) Fulfills the ECC/IAI General Education/Social Sciences requirement. IAI Course Number: S2 920N Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)  
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria. +  
 Semester(s) Offered: Varies

HIS 141 History of Asia & Pacific II (3)  3,0
This course explores some of the major historical issues which have molded Asian history from early modern period to the present. Rather than dealing solely with names and dates, students are asked to consider such issues as why Chinese and Japanese civilizations took such seemingly different paths to modernization as well as how interaction with the West, industrialization and the global economy changed Asian societies. (1.1) Fulfills the ECC/IAI General Education/Social Sciences requirement. IAI Course Number: S2 920N Proficiency Credit Available (2) Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)  
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria. +  
 Semester(s) Offered: Varies
**HIS 151 U S History to 1870 (3)** 3.0
Development of the United States from the first explorations through the Civil War to the eve of its emergence as a world power. Emphasis upon the concepts and institutions which resulted. (1.1) Fulfills the ECC/IAI General Education/Social Sciences requirement. IAI Course Number: S2 900 Proficiency Credit Available Pass/No Credit Not Available.
**In-District Tuition/Fees:** $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
**Prerequisite:** Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.
**Semester(s) Offered:** Fall, Spring and Summer

**HIS 152 U S History Since 1865 (3)** 3.0
Development of the United States from the end of the Civil War to the present with special emphasis upon the factors which made it a world power together with the challenges arising therefrom. (1.1) Fulfills the ECC/IAI General Education/Social Sciences requirement. IAI Course Number: S2 901 Proficiency Credit Available (3 C) Pass/No Credit Not Available.
**In-District Tuition/Fees:** $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
**Prerequisite:** Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.
**Semester(s) Offered:** Fall, Spring and Summer

**HIS 160 American Civilization (3)** 3.0
This course is concerned with the history of major developments in the United States of America from the colonial period to the present. Students will be asked to assess the ways in which Americans have extended the Western tradition, and they also will be expected to analyze the distinctive cultural contributions of the United States. (1.1) Fulfills the ECC/IAI General Education/Humanities requirement. IAI Course Number: H2 904 Proficiency Credit Not Available Pass/No Credit Available.
**In-District Tuition/Fees:** $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
**Prerequisite:** Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.
**Semester(s) Offered:** Fall, Spring and Summer

**HIS 170 History of Illinois (3)** 3.0
This course is designed to introduce the student to the historical development of the State of Illinois, the Chicagoland area and the city and environs of the Elgin, Illinois with special emphasis on the broader national concepts and institutions which contributed to and arose from the development. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
**In-District Tuition/Fees:** $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
**Prerequisite:** None Recommended: HIS 151 or HIS 152
**Semester(s) Offered:** Fall

**HIS 180 History of U.S. Latinas and Latinos (3)** 3.0
This course examines the major political, cultural, and social aspects of the history of Latinas and Latinos in the United States from the nineteenth century to the present. (1.1) IAI General Education: S2 923D Proficiency Credit Not Available Pass/No Credit Available.
**In-District Tuition/Fees:** $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
**Prerequisite:** Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.
**Semester(s) Offered:** Varies

**HIS 189 African American History I (3)** 3.0
This course is will introduce students to the major themes, issues, and debates in African American history from Ancestral Africa through Emancipation. Topics covered include: Ancestral Africa, Africans in the Atlantic World, Slavery in Colonial North America, the American Revolution, Southern Slavery, Free Blacks, Abolitionism, the Civil War, and Reconstruction. (1.1) IAI General Education: S2 923D Proficiency Credit Not Available Pass/No Credit Not Available.
**In-District Tuition/Fees:** $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
**Prerequisite:** Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.
**Semester(s) Offered:** Fall, Spring and Summer

**HIS 190 African American History II (3)** 3.0
This course is will introduce students to the major themes, issues, and debates in African American history from Emancipation to the present. Topics covered include: slavery and abolitionism, the Civil War and Emancipation, Reconstruction, the Great Migration, Jim Crow segregation and African American resistance, Depression and WWII, the Long Civil Rights Movement, Black Power, Black feminism, contemporary Black politics, and contemporary Black culture. (1.1) IAI General Education: S2 923D Proficiency Credit Not Available Pass/No Credit Not Available.
**In-District Tuition/Fees:** $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
**Prerequisite:** Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.
**Semester(s) Offered:** Fall, Spring and Summer
HIS 201 Modern European History (3) 3,0
This course of study analyzes developments in European and global history from the French Revolution to the contemporary age. Some of the themes which will be covered, therefore, include: the Industrial Revolution, Nationalism, Liberalism, Socialism, Anarchism, Communism, Imperialism, Fascism, the World Wars and the Cold War and its aftermath. Furthermore, close attention will be paid to the unification of Europe and the environmental movement as well as to issues of ethnicity, race, religion and gender. (1.1) Proficiency Credit Not Available Pass/No Credit Available. 
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Varies

HIS 219 Honors Seminar in History (1) 1,0
A seminar which complements a particular history course designed to provide the opportunity for study of the course material in greater depth, more sophisticated inquiry or methodology and/or more penetrating research. Repeatable to three credits. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None Recommended: Honors status
Semester(s) Offered: Varies

HIS 240 East Asian History to 1600 (3) 3,0
An examination of the most important developments in the civilizations of China, Japan and Korea from pre-history until the end of the sixteenth century. The course will focus heavily on Chinese History as that is the largest and most influential of the East Asian nations. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria. +
Semester(s) Offered: Varies

HIS 241 East Asian History since 1600 (3) 3,0
An examination of the most important developments in the civilizations of China, Japan and Korea from pre-history until the end of the sixteenth century. The course will focus heavily on Chinese History as that is the largest and most influential of the East Asian nations. (1.1) Proficiency Credit Available (2) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria. +
Semester(s) Offered: Varies

HIS 297 Independent Study in History (1-3) 1,0
(1-3, 0) The student is to have identified a special study project and request advice and direction from the history faculty. The program will be carried out under the direction of one or more faculty members who will modify the proposal in accordance with departmental requirements for the credit involved. Repeatable to 12 credits. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Consent of instructor
Semester(s) Offered: Varies

Histotechnology (HST)

All HST courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.

NOTE: A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the histotechnology (HST) program. For more information please refer to elgin.edu/histotechnology (https://elgin.edu/academics/departments/histotechnology/).

HST 111 Histotechnology Topics I (3) 2,2
This course will provide an introduction to the histotechnology profession. Units covered will include: fixation, processing, staining, instrumentation and safety. Students will also become acquainted with standard practices and operations in a histology lab. (1.2) Proficiency Credit Available (2 EIST) Pass/No Credit Not Available

www.elgin.edu/histotechnology (http://www.elgin.edu/histotechnology/)

SPECIAL NOTE: Explore the histotechnology program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Histotechnology (HST) program. For more information please refer to elgin.edu/hi stotechnology (http://elgin.edu/histotechnology/).

In-District Tuition/Fees: $546 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Acceptance into the Histotechnology program or program director consent
Semester(s) Offered: Fall
HST 113 Histotechnology Topics II (1)   1,0
This course will cover management issues related to the histology laboratory. Students will prepare a QA/QI program, write policy and procedures, prepare resumes, and review for the certification exam. (1.2) Proficiency Credit Available (2 EIT) Pass/No Credit Not Available
www.elgin.edu/histotechnology (http://www.elgin.edu/histotechnology/)

SPECIAL NOTE: Explore the histotechnology program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Histotechnology (HST) program. For more information please refer to elgin.edu/histotechnology (http://elgin.edu/histotechnology/).

In-District Tuition/Fees: $282 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in HST 111 and HST 121
Semester(s) Offered: Spring

HST 121 Embedding and Cutting I (4)   1,6
This course will provide an introduction to the practical skills of the histotechnology profession. The focus of the study will be on the hands-on use of histology equipment and techniques used in the preparation of slides. (1.2) Proficiency Credit Available (2 EIST) Pass/No Credit Not Available
www.elgin.edu/histotechnology (http://www.elgin.edu/histotechnology/)

SPECIAL NOTE: Explore the histotechnology program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Histotechnology (HST) program. For more information please refer to elgin.edu/histotechnology (http://elgin.edu/histotechnology/).

In-District Tuition/Fees: $678 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Acceptance into the Histotechnology program or program director consent
Semester(s) Offered: Spring

HST 123 Embedding and Cutting II (4)   1,6
This course will provide additional opportunities to improve the practical skills of the histotechnology professional. The focus of study will be on the hands-on use of histology equipment and techniques used in the preparation of slides from paraffin and frozen sections. (1.2) Proficiency Credit Available (2 EIST) Pass/No Credit Not Available
www.elgin.edu/histotechnology (http://www.elgin.edu/histotechnology/)

SPECIAL NOTE: Explore the histotechnology program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Histotechnology (HST) program. For more information please refer to elgin.edu/histotechnology (http://elgin.edu/histotechnology/).

In-District Tuition/Fees: $678 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in HST 111 and HST 121
Semester(s) Offered: Spring

HST 125 Special Stains (3)   2,2
This course will cover the theory and practice of special stains in the histology lab. Units include: carbohydrates and amyloid tissue, connective and muscle tissue, nerve tissue, microorganisms, pigments, minerals, and cytoplasmic granules. (1.2) Proficiency Credit Available (2 EIST) Pass/No Credit Not Available
www.elgin.edu/histotechnology (http://www.elgin.edu/histotechnology/)

SPECIAL NOTE: Explore the histotechnology program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Histotechnology (HST) program. For more information please refer to elgin.edu/histotechnology (http://elgin.edu/histotechnology/).

In-District Tuition/Fees: $546 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in HST 111 and HST 121
Semester(s) Offered: Spring
HST 131 Histotechnology Practicum I (2) 0.6
This course will provide the student with supervised experience in a histology lab. Students will practice performing all the routine responsibilities of a histotechnician including: grossing, processing, embedding, cutting, staining, and interacting with other histology personnel. (1.2) Proficiency Credit Available (2 EIST) Pass/No Credit Not Available

www.elgin.edu/histotechnology (http://www.elgin.edu/histotechnology/)

SPECIAL NOTE: Explore the histotechnology program and come to an information session. For more details, go to elgin.edu/visitccc (http://elgin.edu/visitccc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Histotechnology (HST) program. For more information please refer to elgin.edu/histotechnology (http://elgin.edu/histotechnology/).

In-District Tuition/Fees: $359 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in HST 113 or program director consent
Semester(s) Offered: Spring

HST 132 Histotechnology Practicum II (2) 0.6
This course builds on the skills learned in HST 131 and will provide the student with additional supervised experience in a histology lab setting. Histotechnician students will have the opportunity to expand their knowledge of the workflow in a histology lab and practice techniques in a new clinical setting. (1.2) Proficiency Credit Available (2 EIST) Pass/No Credit Not Available

www.elgin.edu/histotechnology (http://www.elgin.edu/histotechnology/)

SPECIAL NOTE: Explore the histotechnology program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Histotechnology (HST) program. For more information please refer to elgin.edu/histotechnology (http://elgin.edu/histotechnology/).

In-District Tuition/Fees: $359 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in HST 131 or program director consent
Semester(s) Offered: Spring

HST 133 Histotechnology Practicum III (2)
This course will provide the student with additional supervised experience in a histology lab setting. (1.2) Proficiency Credit Available (2 EIST) Pass/No Credit Not Available.

HOS 100 Kitchen Techniques (1) .5,1
This course is designed to give the student an overview of basic kitchen skills in both culinary and pastry. Skills and competencies include knife handling, basic piping skills, safety and sanitation, culinary and pastry terms, basic knife cuts and equipment identification. (1.2) Proficiency Credit Available (2 MTISEF) Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in RDG 090 or satisfaction of other placement criteria.
Semester(s) Offered: Fall, Spring and Summer

HOS 101 Intro to the Hospitality Industry (3) 3.0
This course will introduce the student to the broad world of Hospitality and Tourism and to the topics which will begin to prepare them for managerial careers in these fields. This course will introduce the following seven primary areas: Introduction/Overview, Historical Foundations, Food and Beverage, Lodging, Hospitality Management, Travel and Tourism, and Future Perspectives. (1.2) Proficiency Credit Available (2 IT) Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Prerequisite: Reading: Grade of C or better in RDG 090 or LTC 099, or satisfaction of other placement criteria.
Semester(s) Offered: Fall, Spring and Summer

HOS 120 Servsafe/BASSET (.5) .5,0
This course will provide students with the information needed to serve alcohol responsibly. Skills and competencies include understanding alcohol law and your responsibility, recognizing and preventing intoxication, checking identification and handling difficult situations. (1.2) Proficiency Credit Available (2 IE) Pass/No Credit Not Available.

In-District Tuition/Fees: $66 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 090 or LTC 099, or satisfaction of other placement criteria. Math: Grade of C or better in MTH 90, or satisfaction of other placement criteria.
Semester(s) Offered: Fall and Spring

HOS 205 Hospitality Law (3) 3.0
This course provides an awareness of the rights and responsibilities that the law grants to or imposes upon a hotelkeeper, and illustrates the possible consequences of failure to satisfy legal obligations. (1.2) Proficiency Credit Available (2 EILT) Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: HOS 101
Semester(s) Offered: Spring

**Hospitality Management (HOS)**

All CUL, HOS, and PAS courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.
HOS 212 Quantity Food Purchasing (3)  3,0
Emphasis will be placed on the selection and specification requirements for purchasing the major types of foods, beverages and non-food items. Principles of product identification, proper receiving methods, storing, issuing of inventory items and inventory control will be covered. (1.2) Proficiency Credit Available (2 EIT) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: HOS 101
Semester(s) Offered: Fall, Spring and Summer

HOS 214 Menu Design & Strategy (3)  3,0
This course will cover the basic aspect of menu planning, design and pricing, essential knowledge of proper advertising and merchandising in a modern food service facility. Menu analysis is an important part of successful food service management and will be emphasized during this course. This course will provide the student with an opportunity to create his or her own menu. (1.2) Proficiency Credit Available (2 EIT) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: HOS 212 or concurrent enrollment in HOS 212 with consent of instructor
Semester(s) Offered: Fall and Spring

HOS 215 Hospitality Supervision (3)  3,0
This course will focus on the first line hospitality supervisor's application of management and motivation theory to the workplace. The use and application of job analysis, recruiting, selection, training, evaluation, discipline, planning, and problem solving will be discussed. (1.2) Proficiency Credit Available (2 EILT) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: HOS 101
Semester(s) Offered: Fall, Spring and Summer

HOS 216 Beverage Management (3)  2,2
This course involves the systematic study of beverages. Emphasizing the use of beverages as a complement to food. Topics include: beverage equipment and bar setup, mixology, beer, wine and spirits. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $446 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: (1) HOS 101 and; (2) HOS 120 or concurrent enrollment in HOS 120 or; (3) HOS 101 and consent of instructor
Semester(s) Offered: Spring

HOS 218 Food, Beverage & Labor Control (3)  3,0
This course focuses on the basic costing concepts for food, beverage and labor control system, analysis methods and correction. The student will be provided with the tools necessary to maintain sales and cost histories, develop systems for monitoring current activities and techniques required to anticipate future activities. (1.2) Proficiency Credit Available (2 EILT) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: HOS 214 or concurrent enrollment in HOS 214 with consent of instructor
Semester(s) Offered: Fall and Spring

HOS 220 Restaurant Service and Operations (4)  1,9
The student in the dining room service course will participate in the operation of the student run restaurant. In this course it will be our goal to learn the skills required to provide quality service that will often exceed the guests' service expectations. This class will prepare you to demonstrate competency and self-confidence when working in a variety of situations in a dining room. The "hands-on" experience of participating in the operation of the student run restaurant will provide skill training in customer service, tableside service, beverage service, service styles, dining room organization, communication skills, marketing and merchandising of the menu. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $553 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: CUL 101 and HOS 120 or concurrent enrollment in HOS 120
Semester(s) Offered: Fall and Spring

HOS 225 Dining Room Management (6)  3,9
The student in the dining room management course will participate in the operation of the student run restaurant. This "hands-on" course will provide the student with practical experience in customer service and understanding of the manager's role and responsibility. This course will give the student a basic yet comprehensive knowledge of the different functions of the manager's job: planning, organizing, staffing, leading, controlling, and coordinating. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $817 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in HOS 220 and BUS 120 or consent of instructor
Semester(s) Offered: Fall and Spring
HOS 230 Hospitality Management Internship (4)  0,0
This course is designed to give the student valuable hands-on experience by entering into a partnership with industry. Under the supervision of the faculty member and designated employer, the student will participate in the day-to-day operations of the selected food service site. Students are required to complete a total of 320 hours of work at the internship site. (1.2) Proficiency Credit Available (2 EFILMST) Pass/No Credit Not Available.
In-District Tuition/Fees: $528 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in HOS 225
Semester(s) Offered: Fall, Spring and Summer

Human Services (HSG)

All HSG, HUS, and SUB courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.

HSG 106 Experiential Learning in Human Svcs (1-3)  1,0
(1-3, 0) This course is designed to promote growth and development as a professional in the area of Human Services that the student is studying. The student will participate in a variety of workshops, conferences, meetings, and/or service-learning opportunities as agreed upon by the instructor and the student. Verification and reflection of learning will be assessed by the instructor. This course will be taught as an independent study. This course is repeatable three times up to 3 credits. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available NOTE: This course is offered concurrently as SUB 106. The student must decide whether to earn credits for Human Services Generalist (HSG) or Substance Abuse (SUB) prior to enrolling.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Effective Summer 2018: Consent of instructor Prerequisite through Spring 2018: None
Semester(s) Offered: Fall and Spring

HSG 125 Special Populations (3)  3,0
This course will address special populations in substance abuse and mental health treatment. Special populations will be identified and issues regarding addiction and mental health; engagement strategies; treatment planning; and client and community education strategies will be discussed. Methods to gain cultural competence and to become a lifelong learner will be addressed. (1.2) Proficiency Credit Not Available Pass/No Credit Available NOTE: This course is offered concurrently as HSG 125 and SUB 125. The student must decide whether to earn credits in Human Services Generalist (HSG) or Substance Abuse Counseling (SUB) prior to enrolling.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring

HSG 150 Violence Against Women (3)  3,0
This course overviews of the problem of domestic violence toward women. The student will look at the history of the problem, current statistics, and societal attitudes. The course will examine the roles of men and women as well as the impact on children. The cycle of violence and power and control issues will be explored. The course will also explore sexual assault dynamics, treatment, and response as well as advocacy for the victim. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall

HSG 151 Rules and Regulations (3)  3,0
This course will review the regulations and ethics across a spectrum of human service endeavors. This will include the relevant laws and regulations regarding human services, mental health, substance abuse, and partner violence. This course will also review and discuss the ethical issues pertinent to all human services practitioners, and specifically to those working in the above specialties. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available NOTE: This course is offered concurrently as SUB 151. The student must decide whether to earn credits Human Services Generalist (HSG) or Substance Abuse Counseling (SUB) prior to enrolling.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring

HSG 201 Field Experience I & Seminar (3)  0,10
Training is a supervised opportunity for the student to have first-hand experience in an institutional setting that meets his/her area of interest. In this setting, it is expected that the student will develop proficiency and display the skills required to perform adequately on-the-job. (1.2) NOTE: One hundred fifty (150) hours of field work is required for this first experience, as well as weekly class sessions with instructor. Proficiency Credit Available (2 EI) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in HUS 102, HUS 110, HUS 200, HUS 205 or consent of instructor
Semester(s) Offered: Fall, Spring and Summer
HSG 202 Field Experience II & Seminar (3) 0,10
Training is a supervised opportunity for the student to have firsthand experience in an institutional setting that meets his/her area of interest. In this setting, it is expected that the student will develop proficiency and display the skills required to perform adequately on the job. (1.2)

NOTE: One hundred fifty (150) hours of field work is required for this second experience, as well as weekly class sessions with the instructor.

Proficiency Credit Available (2 EIS) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: C or better in HSG 201
Semester(s) Offered: Fall, Spring and Summer

HSG 210 Working With Families (3) 3,0
This course is a course for human service students interested in learning theories of family functioning, and intervention approaches. Emphasis is placed on the integration of theory and practice. The course is designed so that students understand capacities, limitations, and strengths of clients, and families. The course provides the student with an understanding of human service delivery systems. The course also focuses on effective communication skills, client and professional relationship, and ethical practice. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall, Spring

HSG 211 Behavior Problems (3) 3,0
This course surveys the biological, psychological, and sociological causes of differences in behavior. Classification and diagnostic categories will be discussed. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring

HSG 213 Crisis Intervention (3) 3,0
The purpose of this course is to give students a working knowledge of how to deal with persons in crisis. Special application of the concepts will be stressed. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

NOTE: This course is offered concurrently as SUB 213. The student must decide whether to earn credits in Human Services Generalist (HSG) or Substance Abuse Counseling (SUB) prior to enrolling.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring

HSG 215 Basic Substance Abuse & Treatment (3) 3,0
This course will introduce the student to the nature and extent of substance abuse. Clinical manifestations and methods of treatment will be discussed. Concepts and resources in helping the substance abuser and his/her social environment will be included. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

NOTE: This course is offered concurrently as SUB 215. The student must decide whether to earn credits in Human Services Generalist (HSG) or Substance Abuse Counseling (SUB) prior to enrolling.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring

HSC 223 Behavior Management (3) 3,0
This course will introduce students basic techniques of behavioral management used in the Human Services field. Emphasis will be placed on applying the strategies as well as ethical and legal considerations. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring

HSG 253 Topics in Human Services (1-3) 1,0
(1-3, 0) This course is designed to meet the demands of a rapidly changing Human Services field. Repeatable to a total of twelve credits. (1.2) Proficiency Credit Available (2 IE) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Varies

Human Services (HUS)

All HSG, HUS, and SUB courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.

HUS 102 Principles & Prac. of Human Services (3) 3,0
This course introduces students to the human service professions. Students analyze how the integration of information is used to provide services to people as well as begin exploring assessments and service planning. The impact of structures and dynamics of organizations, communities, and society on human services delivery is emphasized. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

NOTE: This course is one of four core courses (HUS 102, HUS 110, HUS 200, HUS 205) students must complete for the Human Services Generalist, and Substance Abuse Counseling programs of study.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring
HUS 110 Issues in Human Services (3) 3.0
Students are introduced to a range of challenges, dilemmas, and issues in the human services field. Examples include welfare, domestic violence, racism/diversity, health/wellness, poverty, etc. Historical and current legislation affecting the delivery of human services is examined. Approaches used to provide services are explored. Students also study the changing family structure as well as organizational structures and communities. (1.2) NOTE: This course is one of four core courses (HUS 102, HUS 110, HUS 200, HUS 205) students must complete for the Human Services Generalist, and Substance Abuse Counseling programs of study. Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring

HUS 151 Rules and Regulations (3) 3.0
This course will review the regulations and ethics across a spectrum of human service endeavors. This will include the relevant laws and regulations regarding human services, mental health, substance abuse, and partner violence. This course will also review and discuss the ethical issues pertinent to all human services practitioners, and specifically to those working in the above specialties. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring

HUS 200 Pre-Field Experience (3) 3.0
This course will prepare the student for a successful field experience class. A successful field experience includes three significant aspects of student's development: personal, professional, and civic. Students will develop skills to prepare them for the field experience courses required as part of their program of study. (1.2) Proficiency Credit Available (EI) Pass/No Credit Not Available NOTE: This course is one of four core courses (HUS 102, HUS 110, HUS 200, HUS 205) students must complete for the Human Services Generalist and Substance Abuse Counseling programs of study.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Consent of instructor (Student must successfully complete at least one Disposition and Personal Conduct form with their program instructor)
Semester(s) Offered: Fall and Spring

HUS 205 Introduction to Group Processes (3) 3.0
A course designed to introduce the student to the history of groups. A study of how small groups are used in human services settings, theories of group dynamics, and a strong emphasis on group facilitation skills. The course also covers the importance of diversity in managing small groups. The course provides students with the understanding of confidentiality, and the appropriate use of client data. Also, students have the opportunity to practice managing conflict, and establishing rapport with clients. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring

HUS 212 Behavior Problems (3) 3.0
This course surveys the biological, psychological, and sociological causes of differences in behavior. Classification and diagnostic categories will be discussed. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring

HUS 214 Crisis Intervention (3) 3.0
The purpose of this course is to give students a working knowledge of how to deal with persons in crisis. Special application of the concepts will be stressed. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring

HUS 223 Behavior Management (3) 3.0
This course will introduce students basic techniques of behavioral management used in the Human Services field. Emphasis will be placed on applying the strategies as well as ethical and legal considerations. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring

Humanities (HUM)

HUM 101 Introduction to Western Humanities I, HUM 102 Introduction to Western Humanities II, HUM 103 Intro to Non-Western Humanities, HUM 110 Introduction to Philosophy, HUM 112 Western Philosophy I HUM 113 Western Philosophy II, HUM 170 Introduction to Asian Philosophies, HUM 202 Philosophy of Religion, HUM 203 Comparative Religions, HUM 204 Introduction to Religious Studies, HUM 205 Introduction to Mythology, and HUM 216 Ethics fulfill the humanities
requirement for the Associate in Arts, Associate in Science, Associate in Fine Arts, and Associate in Engineering Science degrees.

HUM 115 Critical Reasoning and HUM 116 Logic fulfill the humanities requirement for the AA, AS, AFA, and AES degrees; however, only one can count toward General Education.

HUM 101 Introduction to Western Humanities I, HUM 102 Introduction to Western Humanities II, and HUM 103 Intro to Non-Western Humanities fulfill either the humanities requirement or the fine arts requirement for the AA, AS, and AES degrees.

All HUM courses numbered 100 and above may be used to fulfill the liberal education requirement for the Associate of Applied Science degree.

All HUM courses numbered 100 and above may be applied to the major field and elective requirement for the AA and AS degrees.

HUM 100 Topics in Humanities (1-3) 1.0
(1-3, 0) A multi-disciplined course designed to give students the opportunity to better understand a topic or an artistic, cultural or historical period or movement through a detailed analysis of the arts and ideas of that period or movement. Repeatable to a total of six credits.

(1.1) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: None

Semester(s) Offered: Varies

HUM 101 Introduction to Western Humanities I (3) 3.0
A survey of selected examples of musical, artistic and literary contributions European culture has made to world civilization from pre-history to the Renaissance. This multi-disciplined study is designed to assist students in the recognition and fundamental understanding of the continuity of elements of the European past with their own contemporary culture. (1.1) Fulfills the ECC/IAI General Education/Humanities requirement or the Fine Arts requirements. IAI Course Number: HF 904N Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.+

Semester(s) Offered: Fall, Spring and Summer

HUM 102 Introduction to Western Humanities II (3) 3.0
A survey of selected examples of musical, artistic and literary contributions European culture has made to world civilization from the Renaissance to modern times. This multi-disciplined study is designed to assist students in the recognition and fundamental understanding of the continuity of elements of the European past with their own contemporary culture. (1.1) Fulfills the ECC/IAI General Education/Humanities requirement or the Fine Arts requirements. IAI Course Number: HF 903 Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.+

Semester(s) Offered: Fall and Spring

HUM 103 Intro to Non-Western Humanities (3) 3.0
Introduction to the artistic, religious and philosophic expressions of cultures in areas other than Europe and the Europeanized cultures in the Americas showing the interrelations of music, art, literature and ideas in these cultures. (1.1) Fulfills the ECC/IAI General Education/Humanities requirement or the Fine Arts requirements. IAI Course Number: HF 904N Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.+

Semester(s) Offered: Fall, Spring and Summer

HUM 104 Classic Theatre-The Humanities in Dr (3) 3.0
A study of drama and literature by European authors of the 17th, 18th, and 19th centuries to be developed around a selection of 13 television plays augmented by text materials and readings. Filmed segments will be integrated with anthology, book of critical readings, and workbook-study guide. Basic intent of the course is to aid in understanding historical-social backgrounds of the periods represented, to aid in analyzing form, and literature importance as an enhancement to enjoying the plays, and to develop learning techniques of interpretation and criticism. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: None

Semester(s) Offered: Varies
HUM 107 Global Perspectives on World Civ. (3) 3.0
The course will present worldwide problems and opportunities inherent in conditions and relationships found in the 20th century and anticipated in the 21st century. It will examine political views, world resources and needs, economic interdependence, emerging and traditional cultural forces and forces for historic change. The major emphasis of course content will be on aspects of the non-western world. (1.1) Proficiency Credit Not Available Pass/No Credit Available NOTE: This course is offered concurrently as INS 107. The student must decide whether to earn credits in Humanities (HUM) or International Studies (INS) prior to enrolling.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Varies

HUM 110 Introduction to Philosophy (3) 3.0
Survey course in the area of philosophic thought, intended to acquaint the student with basic philosophical questions and major world views which propose answers to these questions. The areas of epistemology metaphysics and ontology, ethics, aesthetics and social and political philosophy will be among the topics explored from the standpoint of important western and non-western traditions. (1.1) Fulfills the ECC/IAI General Education/Humanities requirement. IAI Course Number: H4 900 Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.
Semester(s) Offered: Fall, Spring and Summer

HUM 112 Western Philosophy I (3) 3.0
Presents the chronological development of major western philosophical traditions from 600 BCE to 1600 CE. Writings of the Pre-Socratics, Greek Idealists, Hellenistic, Medieval, and Renaissance philosophers will be studied. (1.1) Fulfills the ECC/IAI General Education/Humanities requirement. IAI Course Number: H4 901 Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.
Semester(s) Offered: Fall

HUM 113 Western Philosophy II (3) 3.0
A continuation of HUM 112 emphasizing the chronological developments of major philosophic traditions in the modern western world from 1600 to the present. Similarities to and differences from non-western philosophies will be considered. (1.1) Fulfills the ECC/IAI General Education/Humanities requirement. IAI Course Number: H4 902 Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.
Semester(s) Offered: Spring

HUM 115 Critical Reasoning (3) 3.0
An introduction to critical reasoning skills as a first step in enhancing one's ability to read and evaluate material for logical consistency and appropriate techniques of elementary argumentation. Effective critical reasoning is essential to one's collegiate success in the humanities, natural and social sciences, and subsequently, in the professions, vocations, business careers, and everyday life. This course will help the student understand, evaluate, and create effective claims and arguments. (1.1) Fulfills the ECC/IAI General Education/Humanities requirement. IAI Course Number: H4 906 Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.
Semester(s) Offered: Fall

HUM 116 Logic (3) 3.0
Basic introductory course concerning the fundamental principles of logic. The emphasis will be on deductive forms of reasoning from Aristotle's syllogism to modern techniques. The students will gain skills in analyzing and creating arguments and in seeing the applicability of the techniques of logic both to formal intellectual analysis and to the issues encountered in everyday life. (1.1) Fulfills the ECC/IAI General Education/Humanities requirement. IAI Course Number: H4 907 Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.
Semester(s) Offered: Spring
HUM 117 Social & Political Philosophy (3) 3.0
A philosophical examination of man in society, the foundations of social and political institutions, and the nature of political obligations. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Varies

HUM 118 Philosophy of Science (3) 3.0
General features of desirable properties of scientific method and theories, historical development of scientific knowledge, logic of basic scientific concepts. (1.1) Proficiency Credit Available (3 C) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Varies

HUM 124 Culture and Science in the West (3) 3.0
Interdisciplinary study tracing the interrelation between culture and science and the impact of scientific advancement on philosophy, art, architecture, mathematics and technology from ancient to modern times. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Varies

HUM 170 Introduction to Asian Philosophies (3) 3.0
An introduction to major schools of philosophy and ideas of major philosophers in Eastern and Southern Asia with comparisons to common, established Euro-American ideas and world views. (1.1) Fulfills the ECC/IAI General Education/Humanities requirement. IAI Course Number: H4 903N Proficiency credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.+
Semester(s) Offered: Fall and Spring

HUM 202 Philosophy of Religion (3) 3.0
Philosophical analysis of selected religious concepts and beliefs including God's existence, evil, miracles, religious experience, faith and morality. (1.1) Fulfills the ECC/IAI General Education/Humanities requirement. IAI Course Number: H4 905 Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.+
Semester(s) Offered: Fall and Spring

HUM 203 Comparative Religions (3) 3.0
Basic principles of the world's great religious traditions will be compared and contrasted with a view to gaining an understanding of the primary beliefs and ritual activities of the human family. Religions studied will be selected from among the following: Hinduism, Buddhism, Confucianism, Taoism, Judaism, Christianity and Islam. (1.1) Fulfills the ECC/IAI General Education/Humanities requirement. IAI Course Number: H5 904N Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria.+
Semester(s) Offered: Fall, Spring and Summer

HUM 204 Introduction to Religious Studies (3) 3.0
An introduction to a variety of religious teachings, rituals and customs found in past history and the present world. Examples for study will be drawn from both traditional and modern societies with an emphasis on discovering the nature of religion and the role it has played in cultural history worldwide. (1.1) Fulfills the ECC/IAI General Education/Humanities requirement. IAI Course Number: H5 900 Proficiency Credit Available (3 C) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.+
Semester(s) Offered: Varies

HUM 205 Introduction to Mythology (3) 3.0
An introduction to mythic literature covering literary forms and philosophic themes found in examples drawn from various cultures. Discussions will include such topics as archetypal motifs, matriarchal and patriarch models, images of divinity, and problems of human relationships in myths. (1.1) Fulfills the ECC/IAI General Education/Humanities requirement. IAI Course Number: H9 901 Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.+
Semester(s) Offered: Varies
HUM 208 Life & Work in the 21st Century (3)  
Provides an introduction to the theory as well as the practical applications of a reasoned approach to planning for the future. These approaches are practiced in industry and government and by individuals throughout the world as they seek to cope with the technological and social changes currently in progress. (1.1) Proficiency Credit Available (2) Pass/No Credit Not Available NOTE: This course is offered concurrently as INS 208. The student must decide whether to earn credits in Humanities (HUM) or International Studies (INS) prior to enrolling.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Varies

HUM 216 Ethics (3)  3.0
This course studies the principal ethical theories and concepts of human conduct and character and critically evaluates these concepts and their practical implications. (1.1) Fulfills the ECC/IAI General Education/Humanities requirement. IAI Course Number: H4 904 Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.
Semester(s) Offered: Fall, Spring and Summer

HUM 217 Aesthetics (3)  3.0
A critical and philosophical examination of aesthetic experience and fine arts, artistic creativity, the work of art, and criteria of judgment. (1.1) Fulfills the ECC/IAI General Education/Humanities requirement. IAI Course Number: H4 904 Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Varies

HUM 219 Honors Seminar in Humanities (1)  1.0
A seminar which complements a particular humanities course designed to provide the opportunity for study of the course material in greater depth, more sophisticated inquiry or methodology and/or more penetrating research. The student must qualify for honors status. Course is repeatable to three credits. (1.1) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None Recommended: Honors status
Semester(s) Offered: Varies

HUM 224 Cultural History of Pacific Asia (3)  3.0
Presents the cultural history of Pacific Asia with primary emphasis on Japan, Korea, and China. The art, literature, ideas and religious heritages and contemporary life of the area will be studied. The course is intended to be particularly useful to those who intend to live or conduct business in the region. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Varies

HUM 231 Contemporary Moral Issues (3)  3.0
A critical examination of western and non-western theories and concepts from the middle of the 20th century up to the present, which are useful in the analysis of understanding of the contemporary moral problems in personal, organizational and professional settings. Codes of conduct in the business and health care fields get specific attention. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Varies

HUM 297 Independent Study in Humanities (1-3)  1.0
The student is to have identified a special study project and request advice and direction from the humanities faculty. The program will be carried out under the direction of one or more faculty members who will modify the proposal in accordance with departmental requirements for the credit involved. Repeatable three times to 12 credits. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Consent of instructor
Semester(s) Offered: Varies

Industrial Manufacturing Tech. (IMT)

All IMT courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.

IMT 103 Industrial Manufacturing Tech I (3)  1.4
This course provides classroom and laboratory learning experiences related to fundamental machine tool technology by focusing on power saws, drill presses, basic lathes and related tooling. Course includes speed and feed calculation, part layout, basic measuring tools and related manufacturing theory. Safe work practices are strongly stressed. (1.2) Proficiency Credit Available (3 LETSIR) Pass/No Credit Available.
In-District Tuition/Fees: $446 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring
IMT 104 Industrial Manufacturing Tech II (3)  1,4
This course is a continuation of IMT 103 beginning with engine lathes and introducing horizontal mills, vertical mills, and CNC basics. Course includes related information on tooling, speeds and feeds, measuring instruments and manufacturing theory. (1.2) Proficiency Credit Available (3 LETSIR) Pass/No Credit Not Available.
In-District Tuition/Fees: $446 (effective 2020/21 academic year)
Prerequisite: IMT 103 or consent of instructor
Semester(s) Offered: Fall and Spring

IMT 106 Mathematics for Machinists (5)  5,0
Study of all mathematics used in the machine shop. Includes addition, subtraction, multiplication, division, fractions, decimals, percentage, area and volume, algebra, geometry, and right angle trigonometry. (1.2) Proficiency Credit Available (3 LETSIR) Pass/No Credit Not Available.
In-District Tuition/Fees: $660 (effective 2020/21 academic year)
Prerequisite: None
Semester(s) Offered: Varies

IMT 107 Technical Math I (4)  4,0
The course emphasizes the mathematical knowledge needed to be successful in the workplace, including number systems, geometry, algebra, and trigonometry. Students will engage in problem-solving activities using real-world career examples that help students learn not only the needed mathematical skills, but also how those skills are used in specific fields of interest Special Note: This course is offered concurrently as MTH 107. The student must decide whether to earn credits in Industrial Manufacturing Technology (IMT) or Mathematics (MTH) prior to enrolling. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $528 (effective 2020/21 academic year)
Prerequisite: Effective Summer 2020 Grade of C or better in MTH 090, consent of instructor, or satisfaction of other placement criteria. Prerequisite: MTH 090, consent of instructor, or appropriate score on placement test
Semester(s) Offered: Fall and Spring

IMT 108 Industrial Manufacturing Tech III (3)  1,4
A continuation of IMT 104, with emphasis on a greater degree of precision in completing a comprehensive project. Grinding operations, form grinding, O.D. and I.D. grinding are introduced, including grinding wheel specifications, technique and related manufacturing theory. (1.2) Proficiency Credit Available (3 LETSIR) Pass/No Credit Not Available.
In-District Tuition/Fees: $446 (effective 2020/21 academic year)
Prerequisite: IMT 107 or MTH 107 and IMT 104 and CAD 101 or consent of instructor
Semester(s) Offered: Fall and Spring

IMT 109 Industrial Manufacturing Tech IV (3)  1,4
A continuation of IMT 108 with emphasis on a greater degree of precision in completing a comprehensive project. The dividing head rotary table and EDM will be introduced, including electrode specifications, technique and related manufacturing theory. (1.2) Proficiency Credit Available (3 LETSIR) Pass/No Credit Not Available.
In-District Tuition/Fees: $446 (effective 2020/21 academic year)
Prerequisite: IMT 108
Semester(s) Offered: Fall and Spring

IMT 110 Intro to Computer Integrated Mfg (2)  1,2
A survey of the tools and theory regarding computer integrated manufacturing (CIM). CIM is the union of hardware and software, database management, and communications to automate and control production activities from planning and design to manufacturing and distribution. Introduces basic CNC lathe set up and operation. Includes safety, turning, grooving, drilling, boring, threading, and cutting tools. Programs are written, developed, simulated, run, and debugged on actual machine tools. (1.2) Proficiency Credit Available (3 LETSIR) Pass/No Credit Not Available.
In-District Tuition/Fees: $314 (effective 2020/21 academic year)
Prerequisite: Effective Summer 2020:(1) CAD 101 and IMT 104; and (2) IMT 107 or MTH 107; or (3) Consent of Instructor. Prerequisite: CAD 101 and IMT 107 or MTH 107 or consent of instructor
Semester(s) Offered: Fall and Spring

IMT 111 Technical Mathematics II (4)  4,0
Continuation of IMT 107, Technical Mathematics I, and an introduction to further methods used in mathematics problem-solving needed for technology. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $528 (effective 2020/21 academic year)
Prerequisite: Grade of C or better in IMT 107 or MTH 107 or consent of instructor
Semester(s) Offered: Varies

IMT 112 Metrology-The Study of Measurement (3)  1,3
A study and use of the various measuring tools used in the establishment of quality control for the manufacturing of parts and assemblies including basic SPC techniques. (1.2) Proficiency Credit Available (3 LETSIR) Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
Prerequisite: None
Semester(s) Offered: Fall and Spring
IMT 119 Fabrication of Machine Parts (3)  0,6
The student will apply theory learned in lecture/discussion including selection of material and proper machine procedure to complete the project with the necessary tolerances and finishes. Improvements in areas of individual machining weakness will be stressed. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $446 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: IMT 109 or consent of instructor
Semester(s) Offered: Varies

IMT 203 Manufacturing Process & Design Tech (3)  3,0
A survey of manufacturing methods and materials employed in a variety of industrial processes. The student will understand the various methods of product fabrication and the manufacturing processes for sustainable, sound economic decision making in manufacturing and product design. Other topics include the interrelationship among materials, their selection for use in product design and processes, and conversion of these materials into finished components. (1.2) Proficiency Credit Available (3 LETSIR) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: IMT 107 or MTH 107
Semester(s) Offered: Varies

IMT 204 Industrial Manufacturing Tech V (5)  0,10
The laboratory portion of IMT 203. The student will select a project from a group of assembled projects (6 parts or more) to be completed. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $715 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: IMT 203 or concurrent enrollment in IMT 203 or consent of instructor
Semester(s) Offered: Varies

IMT 208 Basic Die Theory (4)  2,4
The study of the design and fabrication of stamping and forming dies used in the metal stamping industry. Included in the course will be the knowledge of metals used for specific stamping operations. The student will be required to design several progressive stamping dies throughout the course. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $583 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: IMT 108 or consent of instructor
Semester(s) Offered: Varies

IMT 209 Basic Mold Theory (4)  2,4
The study of design and fabrication of plastic, die cast, and rubber molds for production of finished products. Included are units of instruction in the flow characteristics of thermoset thermoplastics and die cast materials and their properties. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $583 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: IMT 108
Semester(s) Offered: Varies

IMT 212 Metallurgy-The Study of Steel (2)  2,0
Basic introduction to ferrous and nonferrous materials and alloys and their molecular activity during processing from raw material to finished product. The composition and changes of the metal are analyzed under laboratory testing to heat treatment, destructive and nondestructive testing, and various fabrication processes. (1.2) Proficiency Credit Available (3 LETSIR) Pass/No Credit Not Available.
In-District Tuition/Fees: $274 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall and Spring

IMT 214 Jig & Fixture Theory (2)  2,0
The course will cover parameters involved in controlling the design of either a jig or fixture for a specific piece part and the type of construction dictated by the number and design of that piece part. Included in the course will be the relationship of jigs and fixtures to stampings, castings, and machine parts. (1.2) Proficiency Credit Available (3 LETSIR) Pass/No Credit Not Available.
In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: IMT 104
Semester(s) Offered: Varies

IMT 215 Special Projects in Indust Manuf (1-4)  0,2
(0, 2-8) This course allows an advanced student to study or complete, in depth, a related subject or project in conjunction with machine tool processing. Course is repeatable to four credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $528 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Consent of instructor
Semester(s) Offered: Varies
IMT 220 Introduction to CNC Programming (4)  2,4
This course is an introduction to CNC programming. The use of M & G code programming to produce CNC programs for machined parts will be taught. Specific areas of programming including linear and circular interpolation, canned cycles, drilling, reaming, tapping, boring, face milling, end milling and the use of sub programs will be covered. Machine operation of CNC Bridgeports with Boss 9 and Discovery 308 controls will be covered and used to proof run programs. A microcomputer lab for program composition DNC transfer and computer simulation of Fanuc and a variety of controls will be used. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $583 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: IMT 110 or concurrent enrollment in IMT 110 or consent of instructor
Semester(s) Offered: Fall and Spring

IMT 221 Introduction to CNC Toolpath (4)  2,4
The student will bring together his/her knowledge of geometry generation using CAD and conventional CNC program generation to learn computer generated toolpathing. The student will generate geometry, initiate computer toolpaths and output executable CNC programs using CAD/ MasterCam toolpathing software on personal computers. Additionally post processor generation will be discussed. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $583 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: IMT 110 and IMT 220 or concurrent enrollment in IMT 220 or consent of instructor
Semester(s) Offered: Fall and Spring

IMT 222 Advanced CNC Programming I (4)  2,4
This course builds on the knowledge gained in the IMT 221 Introduction to CNC Toolpath course and expands the knowledge of design and production of CNC programming. Advanced programming are simulated off-line and run on multi-axis CNC machines Students apply advanced precision machining skills, complex setup, and programming advanced part geometry. Canned cycles, cutter compensation, subroutines, probing functions, and high speed machining processes will be introduced. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $583 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: IMT 221 or consent of instructor.
Semester(s) Offered: Varies

IMT 223 Advanced CNC Programming II (2)  1,2
Advanced CNC Programming II is a continuation of the first semester Advanced CNC Programming I. Great complexity on multi-axis programming task. Students will learn advanced topics in Computer Aided Manufacturing (CAM) and advanced programming, with an intro to macro language. Instruction on capabilities of Computer Aided Design and Computer Aided Manufacturing (CAD/CAM) interface, material selection, and introduction to Computer Integrated Manufacturing (CIM) is included. Projects in CNC problem solving and troubleshooting are accomplished utilizing the CNC machine lab using CAD/CAM software on personal computers. Troubleshooting of machine problems, cycle time reduction practices, fixturing design, and perform complex setup will be introduced. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $304 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: (1) IMT 221; and (2) IMT 222 or concurrent enrollment in IMT 222; or (3) Consent of instructor.
Semester(s) Offered: Varies

IMT 233 Injection Molding Dies (2)  2,0
The student will acquire a full understanding of the design of molds, including care of molds, setting basic types and applications, features and components and production of molds. (1.2) Proficiency Credit Available (3 LETSIR) Pass/No Credit Not Available.
In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: IMT 133 and IMT 231
Semester(s) Offered: Varies

IMT 234 Special Topics in Industrial Manuf. (1-3)  .5,1
Designed to satisfy specific needs or interests of students and the community. The following guidelines are to be used in selecting topics: 1) adequate and available material on specific topics; 2) comprehensive outlines for each topic; and, 3) course should be designed to increase skill and knowledge in field of industrial manufacturing. Course is repeatable to four credits. (1.2) Proficiency Credit Available (2 EIST) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Varies

IMT 235 Special Topics in Industrial Manuf. (2)  1,2
Effective 2020 Summer this course will be withdrawn. Designed to satisfy specific needs or interests of students and the community. The following guidelines are to be used in selecting topics: 1) adequate and available material on specific topics; 2) comprehensive outlines for each topic; and, 3) course should be designed to increase skill and knowledge in field of industrial manufacturing. Course is repeatable to eight credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None.
Semester(s) Offered: Varies
Integrated Systems Technology (IST)

All IST courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.

IST 105 Electrical Control Circuits (3)  2,2
Students will learn the fundamentals of basic (DC) electricity, including series, parallel, and combination circuits. The fundamentals of inductors and capacitors are also studied. (1.2) Proficiency Credit Available Pass/No Credit Available.

In-District Tuition/Fees: $471 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: None
Semester(s) Offered: Fall

IST 110 Electrical Motor Control (3)  2,2
In this course, students will learn lockout-tag-out procedures and how to read and develop ladder logic diagrams. Students will study 3-phase motor control systems, and the components of a 3-phase motor control system. Students will learn to troubleshoot a 3-phase motor control system with practical faults inserted. (1.2) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $471 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: None
Semester(s) Offered: Spring

IST 120 Hydraulics (3)  2,2
Students will learn about basic and intermediate hydraulic component systems. Students will learn how to read a hydraulic diagram, how to interpret various hydraulic symbols, and how to apply these components to a hydraulic system. Students will also learn how to read a pressure gauge. They learn to apply simple deductive problem-solving techniques in relation to a hydraulic system. Students will learn Pascal’s Law and other hydraulic fundamentals. Finally, students will troubleshoot a hydraulic system, using real-world faults. (1.2) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $471 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: None
Semester(s) Offered: Fall

IST 125 Pneumatics (3)  2,2
This course covers introduction to air-powered, pneumatic system maintenance and pneumatic system construction. Students will learn how a pneumatic system works, how to read schematic diagrams, and how to identify different pneumatic components in a system. Students will learn how to read pressure gauges and how to assemble a simple pneumatic system. Students will also learn how to wire an electro-pneumatic device using a ladder logic diagram. (1.2) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $471 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: None
Semester(s) Offered: Spring

IST 130 Basic Mechanical Drives (3)  2,2
Students will learn how to align and level a motor and how to align various shafts to a motor. Students will also install drive belts and drive chains to a motor. Students will learn how to use various tools to measure belt and chain tension and how to use various specialized tools and measuring devices such as calipers and micrometers when installing mechanical devices. (1.2) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $471 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: None
Semester(s) Offered: Spring

IST 135 Industrial Power/Piping Systems (4)  2,2
In this course, students will learn lockout-tag-out procedures and how to read and develop ladder logic diagrams. Students will study a multiple-ladder motor control system with practical faults inserted. (1.2) Proficiency Credit Available Pass/No Credit Available.

In-District Tuition/Fees: $528 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in IST 105 or HAC 114
Semester(s) Offered: Fall

IST 136 Special Topics in Industrial Manuf. (3)  2,2
Effective 2020 Summer this course will be withdrawn. Designed to satisfy specific needs or interests of students and the community. The following guidelines are to be used in selecting topics: 1) adequate and available material on specific topics; 2) comprehensive outlines for each topic; and, 3) course should be designed to increase skill and knowledge in field of industrial manufacturing. Course is repeatable to 12 credits. (1.2) Proficiency Credit Available Pass/No Credit Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Prerequisite: Grade of C or better in IST 120
Semester(s) Offered: Fall

IST 137 Industrial Power/Piping Systems (4)  2,2
In this course, students will learn to troubleshoot and repair a hydraulic system with real-world faults installed. They will learn how various components work in a hydraulics system and how they interact with other components. They will learn how to take pressure and flow readings. (1.2) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $471 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Prerequisite: Grade of C or better in IST 120
Semester(s) Offered: Fall, Spring and Summer
IST 140 Programmable Controllers I (3)  2,2
This course offers students the fundamentals of a Programmable Logic Controller (PLC) using the Allen Bradley SLC 500 PLC. Students learn the basic parts of a PLC system, digital fundamentals, and PLC addressing. Students also learn how to troubleshoot and repair a PLC when a ‘real world’ fault is inserted.(1.2) Proficiency Credit Available Pass/No Credit Available.
In-District Tuition/Fees: $471 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Prerequisite: Grade of C or better in IST 110
Semester(s) Offered: Fall

IST 142 Programmable Controllers II (3)  2,2
This course is an extension of IST 140. Students learn to program an Allen Bradley SLC500 PLC for advanced sequencing operation. Students also learn to program timers and counters that are used in a PLC application, as well as to write a PLC program using advanced math and data functions. The troubleshooting section from IST 140 is also used during the course.(1.2) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $471 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in IST 140
Semester(s) Offered: Fall

IST 235 AC Drives (3)  2,2
The student will learn the theory and practical fundamentals of AC Drive systems including servomotor, vector drive motor, and a variable speed drive motor. They will also learn the various types of troubleshooting techniques and procedures and be exposed to real world faults that are inserted into any of the various types of drive systems. The student will also learn advanced motor control principals including SRC units, power generation and distribution, and reduced voltage starting methods. Finally, the student will wire a motor control panel using an electrical print.(1.2) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $471 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in IST 140 or consent of instructor
Semester(s) Offered: Fall

IST 245 Advanced Programmable Controllers (3)  2,2
This is an advanced Programmable Logic Controllers (PLC) course. In this course, students will learn to program an Input/Output Allen Bradley Analog module card. They will learn how data sampling takes place and how this module card interfaces with ‘real world’ devices. Students will also learn how to set up and program the Allen Bradley PLC for DH485 and RO Communication. In the final part of this course, students will learn how to set up and program Panelview software to communicate with an Allen Bradley PLC program.(1.2) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $471 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Prerequisite: Grade of C or better in IST 142
Semester(s) Offered: Spring

International Studies (INS)

All INS courses numbered 100 and above may be applied to the area major field and elective requirement for the Associate in Arts and Associate in Science degrees.

All INS courses numbered 100 and above, excluding non-traditional language courses, may be used to fulfill the social sciences requirement for the Associate in Liberal Studies and Associate of Applied Science degrees.

INS 100 Topics in International Studies (1-3)  1,0
(1-3, 0) A multi-disciplined course designed to make students aware of Western Culture and its international heritage and the traditions that make up that heritage and to help them transcend their own cultural limits and participate in the experiences of other cultures. Western Culture will be a constant in the subject matter and will serve as the touchstone against which other cultures will be compared. The non-Western Culture may vary from semester to semester as will the elements of the culture being investigated. (1.1) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Varies

INS 107 Global Persp. on World Civilizan (3)  3,0
The course will present worldwide problems and opportunities inherent in conditions and relationships found in the 20th century and anticipated in the 21st century. It will examine political views, world resources and needs, economic interdependence, emerging and traditional cultural forces and forces for historic change. The major emphasis of course content will be on aspects of the non-western world. (1.1) Proficiency Credit Not Available Pass/No Credit Available NOTE: This course is offered concurrently as HUM 107. The student must decide whether to earn credits in International Studies (INS) or Humanities (HUM) prior to enrolling.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Varies
INS 204 Introduction to Religious Studies (3) 3.0
An introduction to a variety of religious teachings, rituals and customs found in past history and the present world. Examples for study will be drawn from both traditional and modern societies with an emphasis on discovering the nature of religion and the role it has played in cultural history worldwide. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available NOTE: This course is offered concurrently as HUM 204. The student must decide whether to earn credits in Humanities (HUM) or International Studies (INS) prior to enrolling. Please note that INS 204 does not meet ECC/IAI General Education/ Humanities requirements, while HUM 204 does meet those requirements.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Varies

INS 206 Field Study in Foreign Cultures (1-3) 1.0
(1-3,0) This is a field study course in which the student will spend a period of time outside the U.S. or Canada in a context which will assure a meaningful exposure to a non-American culture. A program of study will be designed by the faculty of the International Studies Department, using preparatory readings and stated objectives together with a specific program of study for the time spent abroad. Repeatable to a total of nine credits. (1.1) Proficiency Credit Available (2) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Consent and approval of the International Studies Department
Semester(s) Offered: Varies

INS 208 Life & Work in the 21st Century (3) 3.0
Provides an introduction to the theory as well as the practical applications of a reasoned approach to planning for the future. These approaches are practiced in industry and government and by individuals throughout the world as they seek to cope with the technological and social changes currently in progress. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available NOTE: This course is offered concurrently as HUM 208. The student must decide whether to earn credits in International Studies (INS) or Humanities (HUM) prior to enrolling.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Varies

INS 219 Honors Seminar—International Studies (1) 1.0
A seminar which complements a particular international studies course designed to provide the opportunity for study of the course material in greater depth, more sophisticated inquiry or methodology and/or more penetrating research. The student must qualify for honors status. Course is repeatable to three credits. (1.1) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None Recommended: Honors status
Semester(s) Offered: Varies

INS 280 Non-Traditional Language I (2) 2.0
These courses are tutorial conversational languages for students with little or no knowledge of the language. While they emphasize vocabulary, linguistic structure and conversation, written language skills will also be introduced. Courses are repeatable up to four credits. (1.1) Proficiency Credit Available (3 C) Pass/No Credit Not Available.
In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Varies

INS 281 Non-Traditional Language II (2) 2.0
Levels II and III are beginning courses which emphasize conversational abilities but more stress is placed upon developing writing and composition skills than in Level I classes. (1.1) Proficiency Credit Available (3 C) Pass/No Credit Not Available.
In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Two credits of Level I Conversational Language or equivalent
Semester(s) Offered: Varies

INS 297 Indep. Study in Internat. Studies (1-3) 1.0
(1-3,0) The program will be carried out by the student under the personal direction of one or more faculty members. Normally, the student registering for the course will have a topic or project in mind which he/she has discussed with faculty or other activities that will be assigned by departmental faculty who have reviewed the proposed project. Repeatable three times to 12 credits. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Varies

Italian (ITN)
All ITN courses numbered 100 and above may be used to fulfill the liberal education requirement in the Associate of Applied Science degree.

All ITN courses numbered 100 and above may be applied to the major field and elective requirement in the AA and AS degrees.
ITN 101 Elementary Italian I (4) 4,0
Designed for continuing students of Italian. Includes essentials of grammar, pronunciation, practice in sentence structure, and continuing elementary composition and conversation. Emphasis is placed on the acquisition of the listening, speaking, reading, writing, and cultural skills. (1.1) Proficiency Credit Available (2 HICT) Pass/No Credit Available.
In-District Tuition/Fees: $528 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None. Students who are native speakers or who have previous knowledge of the language are strongly encouraged to take placement testing in the Testing Center. Students may apply to receive (proficiency) credit for each course for which they demonstrate mastery through placement testing.
Semester(s) Offered: Fall

ITN 102 Elementary Italian II (4) 4,0
Designed for continuing students of Italian. Includes essentials of grammar, pronunciation, practice in sentence structure, and continuing elementary composition and conversation. Emphasis is placed on the acquisition of the listening, speaking, reading, writing, and cultural skills. (1.1) Proficiency Credit Available (2 HICT) Pass/No Credit Available.
In-District Tuition/Fees: $528 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Prerequisite: Grade of C or better in ITN 101; one year of H.S. Italian with grade of C or better; one semester of Italian in college with a grade of C or better; or placement.
Semester(s) Offered: Spring

ITN 201 Intermediate Italian I (4) 4,0
This course builds upon your first two semesters of beginning Italian. You will deepen your understanding and further your Italian grammar practice. You will be involved in a broad variety of assignments and activities that aim to improve your proficiency in listening, speaking, reading and writing; and your understanding of Italian culture. (1.1) Proficiency Credit Available (2 HICT) Pass/No Credit Available.
In-District Tuition/Fees: $528 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in ITN 102; two years of H.S. Italian with grade of C or better; two semesters of Italian in college with a grade of C or better; or placement.
Semester(s) Offered: Fall

ITN 202 Intermediate Italian II (4) 4,0
This course builds upon your first three semesters of beginning and intermediate Italian. You will deepen your understanding and continue your practice of fundamental concepts and structures in Italian language and culture. You will be involved in a broad variety of assignments and activities that aim to strengthen your proficiency in listening, speaking, reading and writing; and your ability to understand, evaluate, compare, and appreciate many aspects of Italian culture. (1.1) Proficiency Credit Available (2 HICT) Pass/No Credit Available.
In-District Tuition/Fees: $528 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in ITN 201; three years of H.S. Italian with grade of C or better; three semesters of Italian in college with a grade of C or better; or placement.
Semester(s) Offered: Spring

Japanese (JPN)

JPN 101 Elementary Japanese I (4)(4,0)
Elementary Japanese I is a course built on a framework established by National Standards' five goal areas: communication, cultures, connections, comparisons, and communities. The entire course is taught by National Standards' five goal areas: communication, cultures, connections, comparisons, and communities. The entire course is taught

JPN 102 Elementary Japanese II (4)(4,0)
Elementary Japanese II is a course built on a framework established by National Standards’ five goal areas: communication, cultures, connections, comparisons, and communities. The entire course is taught

JPN 201 Intermediate Japanese I

JPN 202 Intermediate Japanese II
basically in Japanese except for occasional explanation in English. The classes consist of thematic units, and authentic supplemental materials including web-based content designed for language and culture learnings. The course teaches students to develop both communication and language learning strategies. The instructor plans and implements structured cooperative learning activities to support ongoing and frequent interpersonal interaction, and employs a range of instructional strategies to meet the diverse needs of students. The course provides students with frequent opportunities to conduct Web searches, word process, and e-mail in Japanese. (1.1) Proficiency Credit Available (2 HICT) Pass/No Credit Available.

In-District Tuition/Fees: $528 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (1.1) Proficiency Credit Not Available Pass/No Credit Available.

Prerequisite: Prerequisite: Grade of C or better in JPN 101; one year of H.S. Japanese with grade of C or better; one semester of Japanese in college with a grade of C or better.

Semester(s) Offered: Spring

JPN 201 Intermediate Japanese I (4)(4,0)

Intermediate Japanese I is the third level of our sequence designed for students with elementary knowledge of Japanese. The course is built on a framework established of National Standards. The class uses a communicative approach to engage students in the learning process. The focus is to keep improving students overall ability to understand and use the language accurately and appropriately, and demonstrate understanding of contemporary Japanese life and culture. (1.1) Proficiency Credit Available (2 HICT) Pass/No Credit Available.

In-District Tuition/Fees: $528 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (1.1) Proficiency Credit Available (2 HICT) Pass/No Credit Available.

Prerequisite: Effective Summer 2020 Grade of C or better in JPN 102; two years of H.S. Japanese with grade of C or better; two semesters of Japanese in college with a grade of C or better. Prerequisite: Grade of C or better in JPN 201; three years of H.S. Japanese with grade of C or better; three semesters of Japanese in college with a grade of C or better.

Semester(s) Offered: Fall

JPN 202 Intermediate Japanese II (4)(4,0)

Intermediate Japanese II is the fourth level of our sequence designed for students with elementary and some intermediate knowledge of Japanese. The course is built on a framework established of National Standards. The class uses a communicative approach to engage students in the learning process. The focus is to keep improving students overall ability to understand and use the language accurately and appropriately, and demonstrate understanding of contemporary Japanese life and culture. (1.1) Proficiency Credit Available (2 HICT) Pass/No Credit Available.

In-District Tuition/Fees: $528 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (1.1) IAI Major: MC 911 Proficiency Credit Not Available Pass/No Credit Available.

Prerequisite: Prerequisite: Grade of C or better in JPN 201; three years of H.S. Japanese with grade of C or better; three semesters of Japanese in college with a grade of C or better.

Semester(s) Offered: Spring

JRN 130 Intro to Mass Communications (3) 3,0

Students will learn the history and importance of print media, broadcast media, digital media, advertising and public relations. The course will also explore the legal, economic and cultural impacts of media. The overall objective is to help students become better consumers of media through a clearer understanding of how media and their messages affect us all. (1.1) IAI Major: MC 919 Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (1.1) IAI Major: MC 911 Proficiency Credit Not Available Pass/No Credit Available.

Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.

Semester(s) Offered: Fall and Summer

JRN 131 Fundamentals of Journalism (3) 3,0

The field of Journalism is changing. In this course, students will learn the basics of the most common types of news and feature/human interest stories. They will also learn skills that will make them marketable in whatever field of journalism they decide to pursue—whether in new media, broadcast journalism, or print media. (1.1) IAI Major: MC 911 Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (1.1) IAI Major: MC 911 Proficiency Credit Not Available Pass/No Credit Available.

Prerequisite: Grade of C or better in ENG 101 or consent of instructor

Semester(s) Offered: Fall and Spring

JRN 134 Newspaper Workshop (1) 0,3

Students will acquire practical training in all aspects of newspaper production. Students enrolled are responsible for managing and publishing the ECC student newspaper (The Observer), gathering news and feature material, video recording, writing, editing, layout, photography, web publishing and advertising. Course is repeatable to four credits. (1.1) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $132 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (1.1) IAI Major: MC 911 Proficiency Credit Not Available Pass/No Credit Available.

Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.

Semester(s) Offered: Fall and Spring

In-District Tuition/Fees: $528 (effective 2020/21 academic year)
JRN 298 Topics in Journalism (3) 3,0
This course will provide an opportunity for students to study specific facets of journalism in greater detail. Topics may include: feature writing, global media, alternative media, history of journalism, media ethics, beyond news writing (columns, editorials, reviews, sports), and editing. Topics would rotate for this three credit course. Repeatable to 12 credits.
(1.1) Proficiency Credit Available Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: May vary depending upon the topic
Semester(s) Offered: Spring

Literacy (LTC)

LTC 099 College Literacy (5) 5,0
In this pre-college level course, students will develop their literacy skills using literacy tasks (reading, writing, thinking, speaking, and listening) to make meaning from college level texts. Integration of reading and writing strategies will help students develop academic approaches needed for success in college level courses. A grade of C or better in this course allows the student to enroll in college-level courses with a minimum reading (RDG 091) and writing (ENG 098) competency requirements. (1.4) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $675 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Appropriate placement score
Semester(s) Offered: Fall, Spring and Summer

Literature (LIT)

LIT 201 Introduction to Literature:Fiction (3) 3,0
Students in this course will engage in critical reading and discussion of short stories and novels from a range of literatures. Students will gain knowledge and skills to support more advanced study of literature, as well as an appreciation of reading fiction for life-long learning. (1.1) Fulfills the ECC/IAI General Education/Humanities requirement. IAI Course Number: H3 901 Proficiency Credit Available (3 C) Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.+ Semester(s) Offered: Fall, Spring and Summer

LIT 203 Introduction to Literature:Poetry (3) 3,0
In this course, students will achieve a greater understanding and appreciation of literature through reading and discussing representative poems, with some attention to critical work on poetry. Students will become familiar with poetic forms, genres, and techniques; they will also gain knowledge and skills to deal effectively with matters of interpretation. (1.1) Fulfills the ECC/IAI General Education/Humanities requirement. IAI Course Number: H3 903 Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.+ Semester(s) Offered: Spring
LIT 205 Introduction to Shakespeare (3) 3.0
This course is an introduction to the works of William Shakespeare. A variety of his most interesting plays will be read and discussed, including at least one comedy, one tragedy and one historical drama. Students will also read some of Shakespeare's most notable poems. The goal is to develop an understanding and appreciation of the man generally considered the greatest writer in the history of the English language. Because Shakespeare's plays were meant to be seen, students will watch an acclaimed film production of each work. (1.1) Fulfills the ECC/IAI General Education/Humanities requirement. IAI Course Number: H3 905 Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or
satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.+
Semester(s) Offered: Fall

LIT 209 African American Literature Survey (3) 3.0
This course will survey the African American literary record from the 1700s to the present day. The approach is chronological and will situate texts within their particular historical, cultural, and social contexts. The selected works will reflect the experience and construction of African American identity. Fulfills the ECC/IAI General Education/Humanities requirement. IAI Course Number: H3 910D Proficiency Credit: Pass/No Credit: Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or
satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.
Semester(s) Offered: Fall

LIT 211 Intro to Literature by Women (3) 3.0
The goal of this course is to introduce students to a wide variety of literature written by women in various genres including drama, short story, novel, poetry, essays, letters, and memoir. This course will take into account women’s experiences from historical, social, political, and rhetorical perspectives. (1.1) Fulfills the ECC/IAI General Education/Humanities requirement. IAI Course Number: H3 911D Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or
satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.+ Semester(s) Offered: Fall

LIT 220 LGBTQ Literature (3) 3.0
This course will introduce students to lesbian, gay, bisexual, transgender, and queer (LGBTQ) authors and LGBTQ themes. The course will look at the genre of LGBTQ Literature from a historical standpoint, beginning with ancient homoerotic writing and ending with modern day writers and themes. (1.1) IAI General Education: H3 911D Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in ENG 101
Semester(s) Offered: Spring

LIT 222 International Literature (3) 3.0
In this course students will read literature from outside the Western tradition (US, Canada, Australia, Western Europe). The course will emphasize works from South America, Central America, and Mexico in North America as well as Eastern Europe, Asia, and Africa. Students will study cultural traditions as well as mainstream published literature. (1.1) Fulfills the ECC/IAI General Education/Humanities requirement. IAI Course Number: H3 908N Proficiency Credit: Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in ENG 101
Semester(s) Offered: Spring and Summer
LIT 225 Children's Literature (3)  3.0
Children's Literature is a course based on the historical, social, cultural and critical contemporary issues in children's literature from preschool through adolescence. The course will analyze works of children's literature from a literary perspective and will also look critically at how these works help to form children's understanding of the world around them. (1.1) IAI General Education: H3 918 Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.+ Semester(s) Offered: Fall, Spring and Summer

LIT 229 Novel and Film (3)  3.0
In this course students will view award-winning films and read the critically acclaimed novels upon which they are based. Through in-depth class discussions, we’ll explore both the novel and the film, focusing on the various ways a written work is adapted for a visual medium. The goal is to develop an appreciation and understanding of both cinematic and literary techniques. Though students often enter the course thinking, “The novel is always better than the film,” by the end of the course students will learn to use their critical thinking skills to judge the two works separately and see what each does well, making the students better readers of books and better viewers of films. (1.1) Fulfills the ECC/IAI General Education/ Humanities requirement. IAI Course Number: HF 908 Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.+ Semester(s) Offered: Fall, Spring and Summer

LIT 232 Topics in Literature (3)  3.0
This course offers an individual student an opportunity to do specialized study in a topic or literary movement. Students will read and discuss representative works of literature (short stories, novels, poetry, essays, and drama) directed toward increasing the student's understanding and appreciation of both the particular topic or movement and its literary expression. The course is repeatable up to nine credits but no more than six may be applied to GPA and graduation. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available NOTE: Not all topics studied in LIT 232 will meet upper division major requirements for English or Literature majors.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.+ Semester(s) Offered: Varies

LIT 235 Bible as Literature (3)  3.0
In this course, students will study the Bible from a primarily literary rather than a theological or historical perspective. Significant prose and poetry from both the Hebrew Bible (the Old Testament) and the New Testament will be examined as representatives of various biblical literary forms. Where appropriate, students will also study non-biblical literature (poetry, short stories, films) based on stories, images, or themes from the biblical texts. (1.1) Fulfills the ECC/IAI General Education/Humanities requirement. IAI Course Number: H5 901 Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.+ Semester(s) Offered: Spring

LIT 241 Great Books Seminar I (3)  3.0
The course is a study of classic writings in the humanities using the readings and the shared inquiry methods of discussion developed by the Great Books Foundation. The selected readings and course content are different from Lit 242, Lit 243, Lit 244 and Lit 245 even though the method and procedure are the same for each course (1.1) Fulfills the ECC/IAI General Education/Humanities requirement. IAI Course Number: H3 906 Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.+ Semester(s) Offered: Spring
LIT 242 Great Books Seminar II (3)  3.0
The course is a study of classic writings in the humanities using the readings and the shared inquiry method of discussion developed by the Great Books Foundation. The selected readings and course content are different from LIT 241, LIT 243, LIT 244 and LIT 245 even though the method and procedure are the same for each course. (1.1) Fulfills the ECC/IAI General Education/Humanities requirement. IAI Course Number: H3 907 Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.+
Semester(s) Offered: Spring

LIT 243 Great Books Seminar III (3)  3.0
The course is a study of classic writings in the humanities using the readings and the shared inquiry method of discussion developed by the Great Books Foundation. The selected readings and course content are different from LIT 241, LIT 242, LIT 244 and LIT 245 even though the method and procedure are the same for each course. (1.1) Fulfills the ECC/IAI General Education/Humanities requirement. IAI Course Number: H3 906 Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.+
Semester(s) Offered: Spring

LIT 244 Great Books Seminar IV (3)  3.0
The course is a study of classic writings in the humanities using the readings and the shared inquiry method of discussion developed by the Great Books Foundation. The selected readings and course content are different from LIT 241, LIT 242, LIT 243, and LIT 245 even though the method and procedure are the same for each course. (1.1) Fulfills the ECC/IAI General Education/Humanities requirement. IAI Course Number: H3 907 Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.+
Semester(s) Offered: Spring

LIT 245 Great Books Seminar V (3)  3.0
The course is a study of classic writings in the humanities using the readings and the shared inquiry method of discussion developed by the Great Books Foundation. The selected readings and course content are different from LIT 241, LIT 242, LIT 243 and LIT 244 even though the method and procedure are the same for each course. (1.1) Fulfills the ECC/IAI General Education/Humanities requirement. IAI Course Number: H3 906 Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.+
Semester(s) Offered: Spring

Magnetic Resonance Imaging (MRI)
SPECIAL NOTE: For more information on ECC’s advanced imaging programs, go to elgin.edu/academics/departments/medical-imaging/.
A criminal background check and drug test MAY be required prior to enrollment.

MRI 100 MR Physical Principles (3)  2.2
MR Physical Principles will introduce the fundamental principles that lend themselves to the creation of the magnetic resonance images through the understanding of basic quantum physics, instrumentation, and the manipulation of basic technical factors. This course’s topics will cover magnetic molecular principles, image weighting and contrast, tissue characteristics, spatial localizations, MR system components, data collection and image formation, imaging parameters and their trade-offs, and MR safety. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available
www.elgin.edu/radiography (http://www.elgin.edu/radiography/)
SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)
A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).
In-District Tuition/Fees: $525 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Acceptance into the Magnetic Resonance Imaging program
Semester(s) Offered: Fall
Magnetic Resonance Imaging (MRI)

MRI 101 MR Procedures I (3)  2,2
This course will help the student begin to apply their knowledge of MR physical principles, MR safety, sectional anatomy, MR instrumentation and image formation, and patient care within the MR environment. The student will be introduced to intravenous puncture techniques and contrast administration. This course also provides the student with slice and patient positioning, proper coil selection and positioning, imaging protocols and techniques related to the central nervous system (CNS), neck, and spine. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $525 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Acceptance into the MRI program or consent of the instructor

Semester(s) Offered: Fall

MRI 103 MR Clinical Practicum I (3)  0,15
MR Clinical Practicum I encompass the clinical application of technical and professional aspects of magnetic resonance imaging within a healthcare setting. Content is presented as a progression in competency levels through clinical performance objectives and competency exams. Students will be rotated through different MR facilities and be exposed to MR personnel, examinations and educational materials necessary to competently achieve content objectives. The student will be required to demonstrate clinical competency in a number and variety of procedures as required by the American Registry of Radiologic Technologists (ARRT). Activities include demonstration and observation, after which the student assists in performing the activity. When a satisfactory degree of proficiency is apparent, the student can perform the activity under direct supervision. When both the student and instructor are satisfied with the student’s proficiency, the student performs studies under indirect supervision to gain experience and expertise in MR imaging and meet the clinical procedural examination requirements outlined in this course. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $525 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in MRI 100 or consent of instructor

Semester(s) Offered: Spring

MRI 200 Clinical Aspects of MR (3)  2,2
Clinical Aspects of MR will introduce the student to clinical aspects of magnetic resonance imaging. Topics include pulse sequences, vascular imaging, artifacts and their compensation, contrast agent and their effects on the overall image, advanced imaging techniques and quality assurance. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $525 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in MRI 100 or consent of instructor

Semester(s) Offered: Spring

MRI 201 MR Procedures I (3)  2,2
This procedures course will help the student begin to apply their knowledge of MR physical principles, MR safety, sectional anatomy, MR instrumentation and image formation, and patient care within the MR environment. The student will be introduced to intravenous puncture techniques and contrast administration. This course also provides the student with slice and patient positioning, proper coil selection and positioning, imaging protocols and techniques related to the muscular skeletal system, thorax, abdomen, pelvis, vascular examinations, and special procedures. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $525 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Acceptance in the MRI Program or consent of instructor

Semester(s) Offered: Spring
MRI 204 MR Clinical Practicum II (4)  0.20
This clinical course provides the student with additional clinical experience necessary to comply with the ARRT clinical experience requirements in order to be eligible to take the ARRT Advanced Certification Examination. It will encompass many of the same technical and professional aspects the prerequisite course, MRI 103; however, the focus here will be to increase the student's knowledge and confidence with more repetition within a healthcare setting. Technologists performing magnetic resonance imaging must competently apply basic protocols, recognize when and how to appropriately alter the standard protocol and recognize equipment and patient considerations that affect image quality. The technologist is responsible for maintaining a safe MRI environment. This course provides the necessary supervised clinical education to become proficient in these skills. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $657 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in MRI 103 or consent of instructor
Semester(s) Offered: Spring

MRI 205 MR Clinical Practicum III (2)  0.10
This clinical course provides the student with additional clinical experience necessary to comply with the ARRT clinical experience requirements in order to be eligible to take the ARRT Advanced Certification Examination. It will encompass many of the same technical and professional aspects the prerequisite courses, MRI 103 and 204. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $393 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in MRI 204 or consent of instructor
Semester(s) Offered: Summer

Mammography (MAM)

SPECIAL NOTE: For more information on ECC's advanced imaging programs, go to elgin.edu/medicalimaging (https://elgin.edu/academics/departments/medical-imaging/).

A criminal background check and drug test MAY be required prior to enrollment.

MAM 101 Fundamentals of Breast Imaging (1)  1.0
This introductory course emphasizes the importance of patient care and education in the mammographic environment. Incidence and risk factors, signs and symptoms associated with breast cancer for the male and female patient are discussed. Tumor staging of breast cancers and treatment options for the patient with breast cancer are summarized including the surgical, nonsurgical, and reconstructive aspects for the patient. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Acceptance into the Mammography program or consent of instructor
Semester(s) Offered: Fall

MAM 102 Instrumentation and QA (2)  1.2
This course covers basic design of the mammography equipment and introduces the student to the role of technical components utilized in mammography and their affect on the mammographic image. Both analog and digital imaging equipment and the use of computer aided detection (CAD) are also discussed. The MQSA regulations and the various agencies that govern mammography including their purposes, processes, and frequency of inspection are included in this course, as well as the quality control testing required to maintain accreditation and the roles that technologists and the physicist play in performing these tests. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $354 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Acceptance into the Mammography program or consent of instructor
Semester(s) Offered: Fall
MAM 103 Breast Anatomy and Pathology (2)  2,0
Breast Anatomy and Pathology introduces the student to the basic terminology associated with the breast anatomy. Also defined are the aspects of the internal and external breast anatomy, cellular components and the TDL (Terminal Ductal Lobular Unit) identifying their role in the breast anatomy. The student is also introduced to breast imaging terminology associated with mammography, the role of the pathologist, and how breast pathology is correlated to breast cancer. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Acceptance into the Mammography program or consent of instructor
Semester(s) Offered: Fall

MAM 104 Breast Imaging Techniques (2)  1,2
Breast Imaging Techniques introduces the student to the technical factors that influence the mammographic image allowing the student the opportunity to evaluate and critique mammographic images. Also discussed is the required labeling required for mammograms and the acceptable abbreviations. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $354 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Prerequisite: Acceptance into the Mammography program or consent of instructor
Semester(s) Offered: Fall

MAM 105 Breast Imaging Procedures (3)  2,2.5
This course introduces the standard views required for obtaining a mammogram, and any additional views and positioning techniques associated with obtaining the required images. The course also discusses special patient situations which the mammographer may encounter during the mammographic exam and offers the student the opportunity to apply critical thinking skills. The course will also define and discuss the differences between a screening and diagnostic mammogram. Alternative imaging options and diagnostic procedures associated with the breast will also be reviewed. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $486 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Acceptance into the Mammography program or consent of instructor
Semester(s) Offered: Fall

MAM 106 Mammography Clinical Practicum (3)  0,15
This course allows the student to apply the knowledge gained in the previous courses and practice positioning and quality control testing under the supervision of a registered mammographer in a clinical setting. This course also provides the opportunity to document clinical competence as required by the ARRT to apply for the advanced certification in mammography. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $486 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Prerequisite: Acceptance into the Mammography program or consent of instructor
Semester(s) Offered: Fall

Management (MMT)

All MMT courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.
MMT 101 Principles of Management (3) 3,0
An interdisciplinary course in management that covers fundamental concepts and practical applications in the field of management. Emphasizing the basic functions of management - planning, organizing, leading and controlling - this course provides a framework for understanding global challenges, ethical decision-making, and workplace diversity. (1.2) Proficiency Credit Available (3HCT) Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

MMT 102 Organizational Behavior (3) 3,0
This course provides a conceptual framework and introduces practical skills to develop organizational efficiency through the interaction of individuals and groups. Emphasis is placed on leveraging sustainability efforts to improve organizational performance and society as a whole. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

MMT 107 Human Resource Management (3) 3,0
Basic course covering the practical situations that managers face in human resource positions. Designed to develop skills necessary to solve day-to-day problems that arise in working with employees and administering programs of employee selection, training, evaluation, compensation, labor relations and personnel planning. Also stressed is the effect of federal legislation on personnel decisions as well as diversity issues. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None Recommended: MMT 101
Semester(s) Offered: Fall, Spring and Summer

MMT 125 Leadership Development (3) 3,0
Focus on the basic principles of personal and interpersonal leadership that can be used in any life arena. Explore variables that affect productivity, effectiveness, and efficiency, and a variety of interpersonal skill-sets. Emphasis will be placed on vision, goals & objectives, motivation, decision-making, time management, power, team building, conflict, ethics, dealing with change, communication skills, emotional intelligence, and diversity issues. Explore a variety of other topics including developing your personal leadership style, and organizational politics. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Effective Summer 2020 None
Semester(s) Offered: Fall and Spring

Marketing (MKT)
All MKT and MMR courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.

MKT 103 Marketing (3) 3,0
Fundamental course describing the total system of interacting business activities designed to plan, price, promote and distribute want-satisfying products and services. Includes consumer motivation and behavior, consumer buying patterns, product planning and development, distribution channels and the retail market, pricing objectives, promotions, marketing in special fields and evaluation of the marketing effort. (1.1) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

MKT 105 Sales (3) 3,0
A practical course that deals with the sales process (prospecting, preapproach, presentation or demonstration, trial close, answering questions and meeting objections, close, follow-up), motivational and behavioral techniques used in selling, ethics in selling, and the exploration of selling as a career. Each student will be involved in sales demonstrations and the critique of sales demonstrations. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

MKT 115 Advertising and Promotion (3) 3,0
Broad survey of advertising in an economy of abundance and its relationship to marketing, sales and profit. Newspaper, radio, TV and direct mail advertising will be studied. Problems and techniques of planning and coordinating an integrated series of promotional efforts for a successful promotional program will be discussed. (1.2) Proficiency Credit Available (2 EI) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall and Spring
MAS 100 Introduction to Massage Therapy (1.5) 1.5,0
This course is required to apply to the Massage Therapy program. It is an introduction to the basic theory, principles, and techniques of therapeutic massage. Students will be introduced to massage theory, basic massage techniques, the concepts of quality of touch, contraindications, endangerment sites, safety and sanitation and body mechanics for the therapist, as well as basic anatomy and simple recognition of selected muscle groups and bones. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $233 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

MKT 290 Marketing Internship (3) 0,0
This course is designed to give the student valuable hands on experience by entering a partnership with industry. The internship agreement will last for a minimum of 300 hours. Under the supervision of a faculty member and designated employee, the student with participate in a variety marketing projects. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)(https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Consent of instructor
Semester(s) Offered: Fall, Spring and Summer

Marketing/Retail (MMR)
All MKT and MMR courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.

MMR 101 Principles of Retailing (3) 3,0
Store location and layout, retail institutions, department store organization, chain store organization, merchandise, information, including the process of analyzing merchandise for marketing purposes. Techniques of buying, receiving, pricing and displaying. Also included are problems of credit control, cost control and margin control. (1.2) Proficiency Credit Available (2 EI) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)(https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

MMR 206 Retail Management (3) 3,0
Deals with the subject of retailing from a management point of view. Managerial considerations include goals and objectives, policies, community analysis, site evaluation, store planning, staffing, sales promotions, customer services, store margin and profit controls. (1.2) Proficiency Credit Available (2 EI) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)(https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in MMR 101 or consent of instructor
Semester(s) Offered: Fall, Spring and Summer

MAS 115 Wellness Concepts (1.5) 1.5,0
This course is intended to provide the student with a strong understanding of the fundamental concepts of therapeutic massage. The focus of this course will encompass the history of the profession and touch, ethics and professionalism, requirements to practice, medical terminology, consultation, documentation, research, physiologic effects and benefits of massage, and indications and contraindications for massage. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $426 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)(https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in MAS 100 and acceptance into the massage therapy program
Semester(s) Offered: Fall and Spring

MKT 290 Marketing Internship (3) 0,0
This course is designed to give the student valuable hands on experience by entering a partnership with industry. The internship agreement will last for a minimum of 300 hours. Under the supervision of a faculty member and designated employee, the student with participate in a variety marketing projects. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)(https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Consent of instructor
Semester(s) Offered: Fall, Spring and Summer

Marketing/Retail (MMR)
All MKT and MMR courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.

MMR 101 Principles of Retailing (3) 3,0
Store location and layout, retail institutions, department store organization, chain store organization, merchandise, information, including the process of analyzing merchandise for marketing purposes. Techniques of buying, receiving, pricing and displaying. Also included are problems of credit control, cost control and margin control. (1.2) Proficiency Credit Available (2 EI) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)(https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

MMR 206 Retail Management (3) 3,0
Deals with the subject of retailing from a management point of view. Managerial considerations include goals and objectives, policies, community analysis, site evaluation, store planning, staffing, sales promotions, customer services, store margin and profit controls. (1.2) Proficiency Credit Available (2 EI) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)(https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in MMR 101 or consent of instructor
Semester(s) Offered: Fall, Spring and Summer

Massage Therapy (MAS)
Students must successfully complete MAS 100 Introduction to Massage Therapy before submitting the health professions application and before taking any additional massage therapy classes. The massage therapy program application is given to students upon successful completion of MAS 100 Introduction to Massage Therapy.

Appropriate PSB-HOA test scores may be required for the Massage Therapy (MAS) Program after completion of MAS 100 Introduction to Massage Therapy. For more information, please refer to elgin.edu/massage (https://elgin.edu/academics/departments/massage-therapy/).
MAS 120 A & P for Massage Therapists I (3) 3.0
Anatomy and Physiology is the study of the structural and functional relationships and homeostasis of body systems. The course incorporates the systems approach and integration of the systems into one functioning unit - the human body. (1.2) Proficiency Credit Available (2 MITH) Pass/No Credit Not Available.
In-District Tuition/Fees: $446 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in MAS 100 and acceptance into the massage therapy program
Semester(s) Offered: Fall and Spring

MAS 125 Musculoskeletal Palpation I (2) 2.0
This course provides an opportunity to learn muscles, bony landmarks and surface features on an individual basis, emphasizing origins, insertions, and actions of muscles. Palpation, examination through touch, is an integral part of the learning process and is part of each class. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $314 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in MAS 100 and acceptance into the massage therapy program
Semester(s) Offered: Fall and Spring

MAS 130 Basic Massage and Bodywork (5) 4.2
This course teaches students to administer a full-body, one-hour Swedish massage using a variety of strokes, correct draping, proper sanitation and healthy body mechanics. A therapeutic movement component is incorporated to assist students with balance, core strengthening, and stretching. Chair and Event Massage is introduced. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $905 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in MAS 100 and acceptance into the massage therapy program
Semester(s) Offered: Fall and Spring

MAS 140 Community Outreach (.5) 0.1
Effective 2020 Summer this course will be withdrawn. Students select from a variety of instructor-supervised community events to perform clothed seated or table massage, completing 16 event hours during the program. Students will learn how to set up and break down physical spaces not designed specifically for therapeutic massage sessions, interact with a variety of populations, perform event intake, and practice short massage sequences. Events may include, but not be limited to, sporting events, college outreach events, and local area agency outreach. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available
www.elgin.edu/massage (http://www.elgin.edu/massage/)
A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Massage Therapy(MAS) program. For more information please refer to elgin.edu/massage (http://elgin.edu/massage/).
In-District Tuition/Fees: $216 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in MAS 130.
Semester(s) Offered: Varies

MAS 141 Massage Practice Clinic I (1) 0.2
This course is designed to provide students with their first clinical experience with the public. With a clinic instructor on-site, students will practice client history taking and charting, practice massage technique, body mechanics, and therapeutic communication in a clinic setting. Students will apply skills to the level learned in their technique class on fellow classmates and members of the community. Students will receive instruction and correction during the massage sessions from the instructor and be evaluated by the clients. Each class meeting includes a lecture and assessment component to expand hands-on learning into applicable critical thinking skills. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available
www.elgin.edu/massage (http://www.elgin.edu/massage/)
A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Massage Therapy(MAS) program. For more information please refer to elgin.edu/massage (http://elgin.edu/massage/) .
In-District Tuition/Fees: $252 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in MAS 130 or concurrent enrollment in MAS 130
Semester(s) Offered: Fall and Spring
MAS 142 Massage Practice Clinic II (1)  0,2
In this course, students perform full-body massage therapy treatments on the public. Students will further develop their skills in communication, critical thinking, technique, centering, qualities of touch, timing, body mechanics, and charting. As additional modalities and advanced techniques are learned, they are incorporated into the massage. Instructors use a portion of each class to lecture and discuss each client interaction to foster critical thinking skills for each unique treatment session. This course moves the student from general Swedish massage to individualized treatment. (1.2) Proficiency Credit Not Available Pass/ No Credit Not Available.
In-District Tuition/Fees: $232 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: MAS 141
Semester(s) Offered: Spring and Summer

MAS 210 Pathology & Pharmaceuticals (2.5)  2.5,0
This course will provide the student with a strong understanding of specific pathologies for each system of the body as well as indications and contraindications for massage therapy treatment. Students will learn to identify major classes of pharmaceuticals and consider their impact when designing a massage session. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $360 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in MAS 110
Semester(s) Offered: Spring and Summer

MAS 215 Applied Therapies (4)  3.5,1
This course addresses the basic principles of hydrotherapy, active and passive stretching, proprioceptive neuromuscular facilitation, reciprocal inhibition, trigger point therapy, deep tissue techniques and aromatherapy. Massage therapy indications and contraindications for treatment of specific special populations will be discussed. Students practice assessing and treating using critical thinking skills based on content presented. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $728 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in MAS 130
Semester(s) Offered: Spring and Summer

MAS 220 A & P for Massage Therapists II (3)  3,0
This course is a continuation of the considerations of the structural and functional relationships and homeostasis of body systems started in MAS 120. The principles of kinesiology, postural assessment and gait analysis are introduced. This course incorporates the systems approach and integration of the systems into one functioning unit - the human body. A cadaver study is included in the course. (1.2) Proficiency Credit Available (2 MT) Pass/No Credit Not Available.
In-District Tuition/Fees: $446 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in MAS 120
Semester(s) Offered: Fall and Spring

MAS 225 Musculoskeletal Palpation II (1.5)  1.5,0
This course provides an opportunity to learn muscles, bony landmarks and surface features on an individual basis, emphasizing origins, insertions, and actions of muscles. Palpation, examination through touch, is an integral part of the learning process and is part of each class. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $318 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in MAS 125
Semester(s) Offered: Spring and Summer

MAS 230 Supplemental Massage Techniques (3.5)  2.5,2
Through both lecture and hands-on practice this course introduces adjunct and advanced modalities that will deepen knowledge of body systems, techniques and tools to establish a well-rounded practice. Topics covered will be, but are not limited to, Craniosacral Technique, Manual Lymphatic Drainage, Myofascial Release, prenatal and sidelying massage, infant massage, body scrubs, assistive tools, hot stone massage, connecting style massage, and massage at a sporting event. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $662 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in MAS 130
Semester(s) Offered: Fall and Spring

MAS 235 Eastern/Energetic Theory & Technique (2.5)  2.5,0
This course further develops the student's awareness and ability to apply the subtle, natural energy systems of the body in a therapeutic treatment session. Eastern wellness philosophy and application is introduced through basic concepts of traditional Chinese medicine, meridians, acupressure, reflexology and shiatsu. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $430 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in MAS 130
Semester(s) Offered: Fall and Summer

MAS 240 Clinical Case Report (1)  0,2
Students are assigned one client to treat in the massage clinic under the supervision and guidance of a clinical instructor. The focus of this class is researching pathologies, pharmaceuticals, and executing treatment while considering the contraindications and indications of their client. Students will work with the same client for the duration of the class, creating a unique treatment plan and writing a case study report. The case study format will follow Massage Therapy Foundation (MTF) guidelines and may be submitted to the MTF Student Case Study contest. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $430 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in MAS 130
Semester(s) Offered: Fall and Summer

MAS 240 Clinical Case Report (1)  0,2
Students are assigned one client to treat in the massage clinic under the supervision and guidance of a clinical instructor. The focus of this class is researching pathologies, pharmaceuticals, and executing treatment while considering the contraindications and indications of their client. Students will work with the same client for the duration of the class, creating a unique treatment plan and writing a case study report. The case study format will follow Massage Therapy Foundation (MTF) guidelines and may be submitted to the MTF Student Case Study contest. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $318 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in MAS 125
Semester(s) Offered: Spring and Summer

MAS 240 Clinical Case Report (1)  0,2
Students are assigned one client to treat in the massage clinic under the supervision and guidance of a clinical instructor. The focus of this class is researching pathologies, pharmaceuticals, and executing treatment while considering the contraindications and indications of their client. Students will work with the same client for the duration of the class, creating a unique treatment plan and writing a case study report. The case study format will follow Massage Therapy Foundation (MTF) guidelines and may be submitted to the MTF Student Case Study contest. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $318 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in MAS 125
Semester(s) Offered: Fall and Summer

MAS 240 Clinical Case Report (1)  0,2
Students are assigned one client to treat in the massage clinic under the supervision and guidance of a clinical instructor. The focus of this class is researching pathologies, pharmaceuticals, and executing treatment while considering the contraindications and indications of their client. Students will work with the same client for the duration of the class, creating a unique treatment plan and writing a case study report. The case study format will follow Massage Therapy Foundation (MTF) guidelines and may be submitted to the MTF Student Case Study contest. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $318 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in MAS 125
Semester(s) Offered: Fall and Summer

MAS 240 Clinical Case Report (1)  0,2
Students are assigned one client to treat in the massage clinic under the supervision and guidance of a clinical instructor. The focus of this class is researching pathologies, pharmaceuticals, and executing treatment while considering the contraindications and indications of their client. Students will work with the same client for the duration of the class, creating a unique treatment plan and writing a case study report. The case study format will follow Massage Therapy Foundation (MTF) guidelines and may be submitted to the MTF Student Case Study contest. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $318 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in MAS 125
Semester(s) Offered: Fall and Summer
MAS 243 Massage Therapy Practice Clinic III (1.5) 0.3
Under the supervision of instructors, students apply principles, techniques, and procedures learned to assess and treat clients, who are members of the community, individually in a setting that simulates a professional therapeutic massage practice. Students will serve as, and gain experience as, both as a massage therapist and an office manager. Students will also practice short massage event sequences and appropriate event intake. Students will demonstrate professional therapeutic communication skills, the proper application of both basic and more advanced bodywork techniques, proper body mechanics and draping techniques, use proper safety and sanitation practices, demonstrate critical thinking skills, and create documentation of each session. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $493 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: MAS 142
Semester(s) Offered: Fall and Summer

MAS 250 Business for Massage Therapists (2.5) 2.5,0
In this course students will learn the fundamentals of massage therapy business. Course topics will focus on the business plan, ethics, record-keeping, finances, policies, procedures, professionalism, communications, marketing and advertising. Students will discuss target markets, as well as identify success strategies and obstacles to success when managing a business. Local business people will present during this course, sharing their experiences with students. Students will create a resume and cover letter and practice interview skills based on their new profession as a massage therapist. Professional development, client retention and career longevity will also be a focus of the course. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $360 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in MAS 110
Semester(s) Offered: Fall and Summer

Mathematics (MTH)

Degree Requirements
MTH 102 General Education Statistics, MTH 104 General Education Mathematics, MTH 120 Statistics I, MTH 125 Finite Math for Business & Managmt, MTH 126 Calculus for Business/Social Science, MTH 190 Calculus with Analytic Geometry I, MTH 210 Calculus with Analytic Geometry II, and MTH 230 Calculus with Analytic Geometry III fulfill the mathematics requirement for the Associate in Arts, Associate in Science, and Associate in Fine Arts degrees.

MTH 190 Calculus with Analytic Geometry I, MTH 210 Calculus with Analytic Geometry II, MTH 230 Calculus with Analytic Geometry III, and MTH 250 Differential Equations fulfill the mathematics requirement for the Associate in Engineering Science degree.

MTH 113 Math for Elementary Teaching II fulfills the mathematics requirement for elementary education majors only for the AA degree.

All MTH courses numbered 100 and above may be applied to the area of concentration and elective requirement for the AA and AS degrees.

Placements for Mathematics
Math requirements vary greatly based on a student's major, degree, or certificate. Choosing the correct math courses should be done with an ECC advisor.

Even though certain college readiness placement measures will exempt you from the ECC math placement test (ALEKS), you may still wish to take it to qualify for higher level math courses.

Refer to the Testing Services (https://elgin.edu/admissions/testing-services/) page to see which college readiness placement measures allow entrance into various Transfer-Level Mathematics Courses.

Transfer Sequences
Science, engineering, and mathematics majors should try to complete the sequence MTH 112 College Algebra, MTH 114 Trigonometry, MTH 190 Calculus with Analytic Geometry I, MTH 210 Calculus with Analytic Geometry II, MTH 230 Calculus with Analytic Geometry III, MTH 250 Differential Equations, and possibly MTH 240 Introduction to Linear Algebra, depending on their transfer institution's requirements. Entrance into this sequence depends on previous background in high school or college, and it may not be necessary to start at the beginning of the sequence.

Business and social sciences students should complete MTH 120 Statistics I, MTH 125 Finite Math for Business & Managmt, and/or MTH 126 Calculus for Business/Social Science, depending on their transfer institution's requirements.

Questions on math course sequences may be determined by a conference with a member of the Mathematics Department or the advising staff.

Developmental Studies
MTH 090 Pre-Algebra, MTH 095 Preparatory Math for General Ed, MTH 096 Basic Algebra, MTH 097 Plane Geometry, MTH 098 Intermediate Algebra, and MTH 099 Combined Basic & Intermediate Algebra make it possible for students with skill deficiencies to prepare for regular college-level courses before or in conjunction with enrollment in college courses.

Developmental studies courses are distinguished from other courses by a prefix code numbered below 100. They are not intended for transfer and cannot be used to fulfill the requirements of any associate degree.

MTH 090 Pre-Algebra (3) 3.0
This course is designed as a review of the basic operations of arithmetic and an introduction to algebra. The emphasis is on operations with fractions, decimals, percents, and signed numbers. It is intended for the student who needs a review of arithmetic and an introduction to algebra. The emphasis is on operations with fractions, decimals, percents, and signed numbers. It is intended for the student who needs a review of arithmetic and prealgebra skills. This course precedes technical math or beginning algebra. (1.4) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $406 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer
MTH 095 Preparatory Math for General Ed (6)  6,0
This is a preparatory course for general education mathematics. Numeracy, algebraic reasoning, and modeling are used in problem solving and mathematical analysis. Concepts, techniques, and manipulations are developed in real-world context. Verbal, numerical, symbolic, and graphical representations are related to establish mathematical literacy. Topics include organizing and analyzing data; dimensional analysis; properties of and operations on polynomials; evaluating, graphing, and modeling with linear, quadratic, and exponential functions; solving equations and systems of equations; and basic geometry. Technology is used to make concepts more accessible. Collaborative learning and group work are used extensively. (1.4) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $802 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in MTH 090 or appropriate placement score.
Semester(s) Offered: Fall and Spring

MTH 096 Basic Algebra (4)  4,0
This course is designed to be a first course in algebra. Although emphasis is placed on techniques and manipulations, problem-solving and logical reasoning are main threads throughout the course. Topics include: operations and properties of real numbers; linear equations and inequalities in one and two variables; systems of linear equations in two variables; operations with polynomials including factoring; polynomial equations; and applications. Additionally, the course includes study skills strategies. (1.4) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $538 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in MTH 090 or MTH 096, or satisfaction of other placement criteria.
Semester(s) Offered: Fall, Spring and Summer

MTH 097 Plane Geometry (3)  3,0
Plane geometry is a one-semester course which covers the fundamental concepts of geometry for students who lack credit in one year of high school geometry or need a review of the subject matter. This course is designed to prepare students for further work in mathematics and many math-related fields. The subject is developed in the context of a logical system with constructions, numerical problems, symbolic and graphical representations, deductive reasoning, algebraic concepts; geometric theorems, integrating problem-solving and applications throughout the course. (1.4) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $406 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Math: Grade of C or better in MTH 095, MTH 098, or Math: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria.
Semester(s) Offered: Fall, Spring and Summer

MTH 098 Intermediate Algebra (4)  4,0
This course is designed to be a second course in Algebra. Although emphasis is placed on techniques and manipulations, problem-solving and logical reasoning are main threads throughout the course. Topics include: factoring polynomials; absolute value equations and inequalities; rational and radical expressions and equations; complex numbers; quadratic and polynomial equations; properties of functions and their graphs, including polynomial and exponential functions; and applications. (1.4) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $538 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Math: Grade of C or better in MTH 095 or MTH 096, or satisfaction of other placement criteria.
Semester(s) Offered: Fall, Spring and Summer

MTH 099 Combined Basic & Intermediate Algebra (6)  6,0
This course is designed to be a combination of basic and intermediate algebra. Although emphasis is placed on techniques and manipulations, problem-solving and logical reasoning are main threads throughout the course. Topics include: operations and properties of real numbers; linear equations and inequalities in one and two variables; systems of linear equations in two variables; operations of polynomials including factoring; absolute value equations and inequalities; rational and radical expressions and equations; complex numbers; quadratic and polynomial equations; properties of functions and their graphs, including polynomial and exponential functions; and applications. (1.4) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $802 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Appropriate placement test score
Semester(s) Offered: Fall and Spring

MTH 102 General Education Statistics (3)  3,0
An introductory course in descriptive and inferential statistics for students in liberal arts and health related fields. Applications and concepts are emphasized rather than theoretical formulations. Calculators and computers will be used to help make statistical ideas more accessible to students. (1.1) Fulfills the ECC/IAI General Education/ Mathematics requirement. IAI Course Number: M1 902 Proficiency Credit Available (2 C) Pass/No Credit Not Available.
In-District Tuition/Fees: $406 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Math: Grade of C or better in MTH 095, MTH 098, or MTH 099 or satisfaction of other placement criteria or (2) Placement into MTH 098 and a minimum high school un-weighted GPA of 3.0/4.0 with a grade of C or better in two semesters of second year high school algebra. Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria.
Semester(s) Offered: Fall, Spring and Summer
MTH 104 General Education Mathematics (3)  3.0
This course focuses on mathematical reasoning and the solving of real-
life problems, rather than on routine skills and appreciation. Finance,
statistics, and mathematical modeling are studied in depth, with voting
theory covered as time permits. The use of computers is required. (1.1)
Fulfills the ECC/IAI General Education/Mathematics requirement. IAI
Course Number: M1 904 Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $406 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://
elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Prerequisite: Math: Grade of C or better in MTH 095
or MTH 098 or MTH 99, or satisfaction of other placement criteria.
(2) Placement into MTH 098 and a minimum high school un-weighted GPA
of 3.5/4.0 with a grade of C or better in two semesters of second year
high school algebra. Reading: Grade of C or better in RDG 091 or LTC 099,
or satisfaction of other placement criteria.+
Semester(s) Offered: Fall, Spring and Summer

MTH 107 Technical Math I (4)  4.0
The course emphasizes the mathematical knowledge needed to be
successful in the workplace, including number systems, geometry,
algbera, and trigonometry. Students will engage in problem-solving
activities using real-world career examples that help students learn
not only the needed mathematical skills, but also how those skills are
used in specific fields of interest. Special Note: This course is offered
concurrently as IMT 107. The student must decide whether to earn
credits in Mathematics (MTH) or Industrial Manufacturing Technology
(IMT) prior to enrolling. (1.2) Proficiency Credit Available Pass/No Credit
Not Available
NOTE: This course is offered concurrently as MTH 107
and IMT 107. The student must decide whether to earn credits in
Mathematics (MTH) or Industrial Manufacturing Technology (IMT) prior
to enrolling.
In-District Tuition/Fees: $533 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://
elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Effective Summer 2020 Grade of C or better in MTH 090,
consent of instructor, or appropriate score on placement test
Prerequisite: MTH 090, consent of instructor, or appropriate score on
placement test
Semester(s) Offered: Fall and Spring

MTH 109 Technical Math II (4)  4.0
Continuation of MTH 107 Technical Mathematics I and an introduction
to further methods used in mathematics problem solving needed
for technology. (1.2) Proficiency Credit Available Pass/No Credit Not
Available
NOTE: This course is offered concurrently as MTH 109
and IMT 111. The student must decide whether to earn credits in
Mathematics (MTH) or Industrial Manufacturing Technology (IMT) prior
to enrolling.
In-District Tuition/Fees: $528 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://
elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in MTH 107 or IMT 107 or consent of
instructor
Semester(s) Offered: Fall and Spring

MTH 110 Math for Elementary Teaching I (3)  3.0
The first course of a two-part sequence that meets the requirements
for state certification in elementary teaching. Problem-solving and
mathematical reasoning are main threads throughout the course. The
course content includes: whole numbers, integers, rational numbers,
sets, reasoning, numeration systems, number theory, and real numbers.
Course pedagogy involves students as active participants in the learning
process. The two-course sequence, MTH 110/113, fulfills the Illinois
Transferable General Education Core Curriculum requirement only for
students seeking state certification as elementary teachers or special
education teachers. (1.1) Proficiency Credit Not Available Pass/No Credit
Not Available.
In-District Tuition/Fees: $406 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://
elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Math: Grade of C or better in MTH 098 or MTH 099, or
satisfaction of other placement criteria.
(2) Placement into MTH 098 and a minimum high school un-weighted GPA
of 3.5/4.0 with a grade of C or better in two semesters of second year
high school algebra. Geometry: (1) grade of C or better in MTH 097; or (2)
appropriate score on geometry placement test; or (3) grade of C or better in two semesters of high
school geometry. Reading: Grade of C or better in RDG 091 or LTC 099,
or satisfaction of other placement criteria.+
Semester(s) Offered: Fall, Spring and Summer

MTH 112 College Algebra (4)  4.0
Study of more advanced algebraic theory and techniques required for
the study of calculus. Topics include: properties of functions and their
graphs; classes of functions including polynomial, rational, exponential
and logarithmic; systems of equations; theory of equations; conic
sections; sequences, series, and binomial expansion. (1.1) Proficiency
Credit Available (2 C) Pass/No Credit Not Available.
In-District Tuition/Fees: $538 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://
elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Math: Grade of C or better in MTH 098 or MTH 099, or
satisfaction of other placement criteria.
(2) Placement into MTH 098 and a minimum high school un-weighted GPA
of 3.5/4.0 with a grade of C or better in two semesters of second year
high school algebra. Geometry: (1) grade of C or better in MTH 097; or (2)
appropriate score on geometry placement test; or (3) grade of C or better in two semesters of high
school geometry. Reading: Grade of C or better in RDG 091 or LTC 099,
or satisfaction of other placement criteria.+
Semester(s) Offered: Fall, Spring and Summer
MTH 113 Math for Elementary Teaching II (3)  3.0
The second course of a two-part sequence that meets the requirements for state certification in elementary teaching. Problem-solving and mathematical-reasoning are main threads throughout the course. The course content includes: functions, statistics, probability, geometric figures, and measurement. Course pedagogy involves students as active participants in the learning process. The two-course sequence, MTH 110/113, fulfills the Illinois Transferable General Education Core Curriculum requirement only for students seeking state certification as elementary teachers or special education teachers. (1.1) Fulfills the ECC/IAI General Education/Mathematics requirement for elementary education majors only. IAI Course Number: M1 903 Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $406 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Math: Grade of C or better in MTH 110.+
Semester(s) Offered: Fall, Spring and Summer

MTH 114 Trigonometry (3)  3.0
The primary objective of this course is to prepare students for calculus and post-calculus courses. Topics include analytical geometry, trigonometric functions, trigonometric identities, inverse trigonometric functions, and solving trigonometric equations. (1.1) Proficiency Credit Available (3 C) Pass/No Credit Not Available.
In-District Tuition/Fees: $406 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in MTH 112 or appropriate placement test score Concurrent enrollment in MTH 112 with consent of instructor Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria.+
Semester(s) Offered: Fall, Spring and Summer

MTH 120 Statistics I (4)  4.0
An introductory course in probability and statistics. The ability to handle basic algebraic manipulation is a prerequisite skill. The emphasis of the course is on the use rather than the derivation of the formulas and theorems. The aims of the course are to provide the student with a working knowledge of statistics in order to follow the statistics in the literature of his/her particular field and to provide an introduction for more advanced work in statistics. Major topics are: frequency distributions, sampling, testing hypotheses, regression, correlation, analysis of variance, chi-square, and probability. These and other topics are approached from a fundamental viewpoint to make the study both sound and useful. (1.1) Fulfills the ECC/IAI General Education/Mathematics requirement. IAI Course Number: M1 902 Proficiency Credit Available (2 C) Pass/No Credit Not Available.
In-District Tuition/Fees: $538 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Math: Grade of C or better in MTH 112 or satisfaction of other placement criteria; and grade of C or better in MTH 097 or grade of C or better in two semesters of high school geometry or appropriate score on the geometry placement test.+
Semester(s) Offered: Fall, Spring and Summer

MTH 123 Computer Science for Engineers (4)  4.0
This course is an introduction to computer programming with a strong emphasis on mathematical applications relevant to science and engineering. Students will learn a disciplined approach to problem-solving and algorithm development using selection, repetition, and sequence control structures. Programming topics will include an introduction to basic hardware and operating systems, storage and variables, procedural and data abstraction, parameter passing, arrays, strings, data files, error-handling, program-testing, documentation, and proper programming style. Mathematical topics will include matrices, linear interpolation, convergence, linear regression, roots of functions, solution of simultaneous linear equations, graphing, and numerical integration. This course will be taught using the C++ programming language. (1.1) IAI Major: CS 911 Proficiency Credit Not Available Pass/No Credit Not Available Note: This course is offered concurrently as CIS 123. The student must decide whether to earn credits in Mathematics (MTH) or Computer and Information Sciences (CIS) prior to enrolling.
In-District Tuition/Fees: $553 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in MTH 190 or equivalent college credit or consent of instructor
Semester(s) Offered: Fall and Spring

MTH 125 Finite Math for Business & Managmt (3)  3.0
Emphasizes applications of mathematics in business and the social sciences. Topics include functions, graphical and algebraic methods for solving systems of linear equations, matrices and matrix algebra, systems of inequalities and linear programming, the simplex method, spreadsheet solutions to linear programming problems, set theory, logic and Boolean algebra, counting and probability theory, and Markov chain methods. (1.1) Fulfills the ECC/IAI General Education/Mathematics requirement. IAI Course Number: M1 906 Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $406 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Math: Grade of C or better in MTH 112 or satisfaction of other placement criteria.; and grade of C or better in MTH 097 or grade of C or better in two semesters of high school geometry or appropriate score on the geometry placement test.+
Semester(s) Offered: Fall, Spring and Summer

MTH 126 Calculus for Business/Social Science (4)  4.0
An introductory course in differential and integral calculus for students majoring in business, or the social or life sciences. A working, rather than a theoretical knowledge of calculus concepts and applications is emphasized. (1.1) Fulfills the ECC/IAI General Education/Mathematics requirement. IAI Course Number: M1 900 Proficiency Credit Available (2 C) Pass/No Credit Not Available.
In-District Tuition/Fees: $538 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Math: Grade of C or better in MTH 112 or satisfaction of other placement criteria.; and grade of C or better in MTH 097 or grade of C or better in two semesters of high school geometry or appropriate score on the geometry placement test.+
Semester(s) Offered: Fall, Spring and Summer
MTH 190 Calculus with Analytic Geometry I (5)  5,0
This is the first of three courses in the calculus sequence. Families of functions include polynomial, rational, radical, trigonometric, inverse trigonometric, exponential, and logarithmic. Topics include limits and continuity; the definition of derivative, rate of change, and slope; differentiation including product, quotient, chain rules, higher order derivatives, and implicit differentiation; applications of derivatives including extrema, Mean Value Theorem, first and second derivative tests, related rates, optimization, and differentials; integration including definite and indefinite integration, area, The Fundamental Theorem of Calculus, and differential equations. (1.1) IAI General Education: M1 900-1
IAI Major: MTH 901 Proficiency Credit Available (2 C) Pass/No Credit Not Available.
In-District Tuition/Fees: $670 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Math: Grade of C or better in MTH 112 and MTH 114 or appropriate placement test score.+
Semester(s) Offered: Fall, Spring and Summer

MTH 210 Calculus with Analytic Geometry II (5)  5,0
This is the second of three courses in the calculus sequence. Topics include applications of integration, analytical integration techniques, and numerical integration techniques; indeterminate forms, L'Hopital's Rule, and improper integrals; sequences and series, convergence tests, power series, Taylor polynomials, and Taylor series; parameterization of curves, and parametric of curves; calculus of polar coordinate system, and conic sections. (1.1) Fulfills the ECC/IAI General Education/Mathematics requirement. IAI Course Number: M1 900-2 Proficiency Credit Available (2 C) Pass/No Credit Not Available.
In-District Tuition/Fees: $670 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Prerequisite:Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Math: Grade of C or better in MTH 190 or equivalent college credit.+
Semester(s) Offered: Fall, Spring and Summer

MTH 230 Calculus with Analytic Geometry III (5)  5,0
This is the third and final course in the calculus sequence. Topics include vector operations in 3-dimensional space; vector valued functions and their graphs; functions of two or more variables; partial derivatives, directional derivatives, gradients, double and triple integrals; applications involving functions of several variables; vector fields, line integrals and Green's Theorem; parametric surfaces, surface integrals, the Divergence Theorem and Stokes' Theorem. (1.1) Fulfills the ECC/IAI General Education/Mathematics requirement. IAI Course Number: M1 900-3 Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $670 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Math: Grade of C or better in MTH 210.+
Semester(s) Offered: Fall, Spring and Summer

MTH 240 Introduction to Linear Algebra (4)  4,0
First course in vectors and matrices, vector spaces, and linear transformations. The ideas discussed not only serve as a good introduction to the more abstract courses a mathematics student meets at the junior-senior level, but they also have many useful applications outside of mathematics. Covers the following topics: vectors, matrices, operations on matrices, inverse of a matrix, solutions of systems of linear equations, rank of a matrix, vector spaces and subspaces, linear dependence and independence, basis and dimension, linear transformations, sums, composites, inverses of linear transformations, range and kernel of a linear transformation, and eigenvalues and eigenvectors, diagonalization, inner products and orthogonality, including the Gram-Schmidt process. Material is presented with an emphasis on student-written proofs. Quadratic forms and other additional topics could be included, as time permits.(1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $738 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in MTH 210
Semester(s) Offered: Spring and Summer

MTH 250 Differential Equations (4)  4,0
Topics include linear equations of first order, linear equations with constant coefficients, general linear differential equations, variation of parameters, the method of undetermined coefficients, linear independence and the Wronskian, exact equations, separation of variables, and various applications of these. In addition, the course covers systems of linear differential equations, the Laplace transform, series methods in solving differential equations, and an introduction to boundary value problems. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $738 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in MTH 230
Semester(s) Offered: Fall, Spring and Summer

Music (MUS)

The ECC Music Department offers performance, general education, and transfer classes for music and non-music students. Students can earn an associate degree in Fine Arts with a Music concentration and/or a Vocational Certificate in music production. We also offer a full 2 years in music theory, with an introduction to music theory course (MUS 100) for students with no music-reading experience.

MUS 104 Musics of the World may be used to fulfill the fine arts requirement for the Associate in Arts, Associate in Science, and Associate in Engineering Science degrees, and the liberal education requirement for the Associate of Applied Science degree.

MUS 105 Music Appreciation, MUS 106 Music Literature From 1400 to 1750, and MUS 107 Music Liter. From 1750 to Present may be used to fulfill the fine arts requirements for the AA, AS, and AES degrees, and the liberal education requirement for the AAS degree.

All MUS courses numbered 100 and above may be applied to the major field and elective requirement for the AA and AS degrees.
Students intending to major in music must audition on their major instrument or in voice and complete theory and keyboarding examinations.

**MUS 100 Introduction to Music Theory (2) 2.0**
Study of notation of melody, rhythm, meter as well as musical terminology. Writing, playing and singing of scales, intervals and triads. (1.1) Proficiency Credit Available Pass/No Credit Available.

**In-District Tuition/Fees:** $289 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

**Prerequisite:** None Recommended: For students with no previous training as well as students with previous training who want a refresher course before entering MUS 128.

**Semester(s) Offered:** Fall, Spring and Summer

**MUS 101 Band (1) 0.3**
A community concert band open to all qualified adults as well as college and high school students. A wide variety of the finest literature for concert band is studied, from classics to contemporary works. The band performs several times per semester. Repeatable to a maximum of four credits. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/universitytransfer (http://www.elgin.edu/universitytransfer/)

**SPECIAL NOTE:** Students wishing to enroll in a performance ensemble or theatre production should consult with the Performing Arts Department at 847-214-7188 (Room H231) as these have specific entry or audition requirements. For more information on performing arts classes, visit elgin.edu/performingarts (http://elgin.edu/performingarts/).

**In-District Tuition/Fees:** $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

**Prerequisite:** Audition or consent of instructor

**Semester(s) Offered:** Fall and Spring

**MUS 102 Jazz Lab Band (1) 0.3**
Participation in the stage band will offer the opportunity for development of knowledge and performance skills of music in the modern idiom: swing, blues, jazz and rock. The band presents at least one annual concert in addition to performing for school functions and civic organizations. Repeatable to a maximum of four credits. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/universitytransfer (http://www.elgin.edu/universitytransfer/)

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**In-District Tuition/Fees:** $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

**Prerequisite:** Audition or consent of instructor

**Semester(s) Offered:** Fall and Spring

**MUS 103 Musics of the World (3) 3.0**
An introduction to music in various parts of the world with emphasis on the way in which music functions within society. (1.1) Fulfills the ECC/IAI General Education/Fine Arts requirement. IAI Course Number: F1 903N Proficiency Credit Not Available Pass/No Credit Available.

**In-District Tuition/Fees:** $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

**Prerequisite:** Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria.

**Semester(s) Offered:** Fall, Spring and Summer

**MUS 104 Music Literature From 1400 to 1750 (3) 3.0**
Survey of main developments in music history beginning with the Renaissance Period and extending into the 20th century. Listening to recordings and tapes as well as outside reading is required. (1.1) Fulfills the ECC/IAI General Education/Fine Arts requirement. IAI Course Number: F1 900 Proficiency Credit Available Pass/No Credit Not Available.

**In-District Tuition/Fees:** $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

**Prerequisite:** Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098, or satisfaction of other placement criteria.

**Semester(s) Offered:** Fall, Spring and Summer

**MUS 105 Music Literature From 1750 to Present (3) 3.0**
Continuation of 104 Music Literature from 1400 to 1750, covering the years from the Pre-Classical Period to the present. (1.1) IAI General Education: F1 902 Proficiency Credit Available Pass/No Credit Not Available.

**In-District Tuition/Fees:** $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

**Prerequisite:** Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.

**Semester(s) Offered:** Varies

**MUS 106 Music Literature From 1400 to 1750 (3) 3.0**
Includes extensive listening to recordings from the Middle Ages through Bach and Handel. Outside reading and term paper required. (1.1) Fulfills the ECC/IAI General Education/Fine Arts requirement. IAI Course Number: F1 901 Proficiency Credit Available Pass/No Credit Not Available.

**In-District Tuition/Fees:** $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

**Prerequisite:** Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria.

**Semester(s) Offered:** Fall, Spring and Summer

**MUS 107 Music Literature From 1750 to Present (3) 3.0**
Continuation of 107 Music Literature from 1750 to the present. (1.1) IAI General Education: F1 903 Proficiency Credit Available Pass/No Credit Not Available.

**In-District Tuition/Fees:** $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

**Prerequisite:** Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.

**Semester(s) Offered:** Varies
MUS 108 Elgin Area Honors Choir (1) 0,3
Repetoire of outstanding choral works. At least two concerts presented annually. Possibility of a small tour locally. Repeatable to four credits. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available
www.elgin.edu/universitytransfer

SPECIAL NOTE: Students wishing to enroll in a performance ensemble or theatre production should consult with the Performing Arts Department at 847-214-7188 (Room H231) as these have specific entry or audition requirements. For more information on performing arts classes, visit elgin.edu/performingarts.

In-District Tuition/Fees: $132 (effective 2020/21 academic year)

Prerequisite: Audition and recommendation of high school or college choral director
Semester(s) Offered: Summer

MUS 109 Keyboard Harmony (2) 2,0
A study of the basic principles of keyboard harmonization. The student will learn basic diatonic chords as well as receiving an introduction to altered chords. (1.1) Proficiency Credit Available Pass/No Credit Not Available.

In-District Tuition/Fees: $264 (effective 2020/21 academic year)

Prerequisite: None Recommended: Piano skills
Semester(s) Offered: Summer

MUS 110 Choir I (1) 0,3
Repetoire of outstanding choral works. Three to four concerts presented annually. Rehearsals held every week. Repeatable to a maximum of four credits. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available
www.elgin.edu/universitytransfer

SPECIAL NOTE: Students wishing to enroll in a performance ensemble or theatre production should consult with the Performing Arts Department at 847-214-7188 (Room H231) as these have specific entry or audition requirements. For more information on performing arts classes, visit elgin.edu/performingarts.

In-District Tuition/Fees: $132 (effective 2020/21 academic year)

Prerequisite: Consent of instructor or concurrent enrollment in MUS 110
Semester(s) Offered: Fall and Spring

MUS 111 Choral Ensemble (1) 0,3
Repetoire includes standard choral works as well as modern compositions. Rehearsals held every week. Repeatable to a maximum of four credits. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available
www.elgin.edu/universitytransfer

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In-District Tuition/Fees: $132 (effective 2020/21 academic year)

Prerequisite: Audition or consent of instructor
Semester(s) Offered: Fall and Spring
MUS 113 Chamber Vocal Ensemble (1) 0,3
Repetoire of outstanding choral works for small ensemble. Three to four concerts annually. Rehearses two times each week. Repeatable to four credits. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/universitytransfer

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In-District Tuition/Fees: $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) .

Prerequisite: Consent of instructor
Semester(s) Offered: Fall and Spring

MUS 114 Show Choir (1) 0,3
Repetoire of popular and Broadway show tunes. Several mini-concerts and at least one major concert per semester. Rehearsals held three times per week. Repeatable to four credits. (1.1) O Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/universitytransfer

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In-District Tuition/Fees: $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) .

Prerequisite: Audition
Semester(s) Offered: Fall, Spring and Summer

MUS 115 Sight Singing & Ear Training I (2) 2,0
The student learns to develop aural skills (pitch and rhythm) in order to read, hear, and sight-sing music. Class time is spent in singing melodies, practicing rhythms, and taking melodic and rhythmic dictation. (1.1) Proficiency Credit Available Pass/No Credit Not Available

In-District Tuition/Fees: $279 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) .

Prerequisite: None
Semester(s) Offered: Summer

MUS 116 Musical Theater (1) 0,3
Presentation of a musical play during the semester, with multiple performances. Approximately six to eight weeks of rehearsals with performances over several weekends. Repeatable to four credits. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/universitytransfer

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In-District Tuition/Fees: $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) .

Prerequisite: Consent of instructor
Semester(s) Offered: Fall and Spring

MUS 120 Brass Ensemble (1) 0,3
Development of greater playing skills and sight reading. Repeatable up to a maximum of four credits. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/universitytransfer

SPECIAL NOTE: Students wishing to enroll in a performance ensemble or theatre production should consult with the Performing Arts Department at 847-214-7188 (Room H231) as these have specific entry or audition requirements. For more information on performing arts classes, visit elgin.edu/performingarts .

In-District Tuition/Fees: $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) .

Prerequisite: Consent of instructor
Semester(s) Offered: Fall and Spring

MUS 121 Woodwind Ensemble (1) 0,3
Development of greater playing skills and sight reading. Repeatable to a maximum of four credits. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/universitytransfer

SPECIAL NOTE: Students wishing to enroll in a performance ensemble or theatre production should consult with the Performing Arts Department at 847-214-7188 (Room H231) as these have specific entry or audition requirements. For more information on performing arts classes, visit elgin.edu/performingarts .

In-District Tuition/Fees: $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) .

Prerequisite: Consent of instructor
Semester(s) Offered: Fall and Spring
MUS 122 Percussion Ensemble (1) 0,3
Development of greater playing skills and sight reading. Repeatable to a maximum of four credits. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/universitytransfer (http://www.elgin.edu/universitytransfer/)

SPECIAL NOTE: Students wishing to enroll in a performance ensemble or theatre production should consult with the Performing Arts Department at 847-214-7188 (Room H231) as these have specific entry or audition requirements. For more information on performing arts classes, visit elgin.edu/performingarts (http://elgin.edu/performingarts/).

In-District Tuition/Fees: $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Consent of instructor
Semester(s) Offered: Fall and Spring

MUS 123 String Ensemble (1) 0,3
Development of greater playing skills and sight reading. Repeatable up to a maximum of four credits. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/universitytransfer (http://www.elgin.edu/universitytransfer/)

SPECIAL NOTE: Students wishing to enroll in a performance ensemble or theatre production should consult with the Performing Arts Department at 847-214-7188 (Room H231) as these have specific entry or audition requirements. For more information on performing arts classes, visit elgin.edu/performingarts (http://elgin.edu/performingarts/).

In-District Tuition/Fees: $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Consent of instructor
Semester(s) Offered: Fall and Spring

MUS 124 Symphony Orchestra (1) 0,3
Open to all students and adults in the area who qualify. At least five concerts presented each season. Repeatable to a maximum of four credits. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/universitytransfer (http://www.elgin.edu/universitytransfer/)

SPECIAL NOTE: Students wishing to enroll in a performance ensemble or theatre production should consult with the Performing Arts Department at 847-214-7188 (Room H231) as these have specific entry or audition requirements. For more information on performing arts classes, visit elgin.edu/performingarts (http://elgin.edu/performingarts/).

In-District Tuition/Fees: $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Audition or consent of instructor
Semester(s) Offered: Fall and Spring

MUS 125 Intermediate Symphony Orchestra (1) 0,3
Open to all intermediate instrumental students who qualify. At least three concerts presented each season. Repeatable to a maximum of four credits. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/universitytransfer (http://www.elgin.edu/universitytransfer/)

SPECIAL NOTE: Students wishing to enroll in a performance ensemble or theatre production should consult with the Performing Arts Department at 847-214-7188 (Room H231) as these have specific entry or audition requirements. For more information on performing arts classes, visit elgin.edu/performingarts (http://elgin.edu/performingarts/).

In-District Tuition/Fees: $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Audition or consent of instructor
Semester(s) Offered: Fall and Spring

MUS 126 Class Piano I (2) 2,0
Designed for beginning students with little or no experience on the piano. Fundamentals, scales, key signatures, rhythms, chord structure and playing of easy melodies. Transposition encouraged. (1.1) Proficiency Credit Available Pass/No Credit Available.

In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

MUS 127 Class Piano II (2) 2,0
More advanced work of chordal structures, modulation, transposition and ability to perform works from classical and semi-classical literature. (1.1) Proficiency Credit Available Pass/No Credit Available.

In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Pass C or better in MUS 126 or consent of instructor
Semester(s) Offered: Fall, Spring and Summer

MUS 128 Theory & Ear Training I (4) 3,2
The study of music fundamentals (scales, intervals, triads, rhythm and meter), basic principles of melody and harmony, melodic composition, and four-part harmony. Approximately one-third of classroom time is used for ear training and keyboard sessions. (1.1) Proficiency Credit Available Pass/No Credit Available.

In-District Tuition/Fees: $553 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: MUS 100 or consent of instructor
Semester(s) Offered: Fall and Spring
MUS 129 Theory & Ear Training II (4) 3.2
A continuation of MUS 128, this course expands harmonic vocabulary to include diatonic 7th chords modulation, secondary dominants and principles of form. Four-part writing is emphasized, and ear training and keyboard exercises are continued. (1.1) Proficiency Credit Available Pass/No Credit Available.

In-District Tuition/Fees: $553 (effective 2020/21 academic year)

Prerequisite: MUS 128 or placement

Semester(s) Offered: Spring and Summer

MUS 130 Advanced Symphony Orchestra (1) 0.3
Open to all advanced instrumental students who qualify. At least three concerts presented each season. Repeatable to a maximum of four credits. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/universitytransfer (http://www.elgin.edu/universitytransfer/)

SPECIAL NOTE: Students wishing to enroll in a performance ensemble or theatre production should consult with the Performing Arts Department at 847-214-7188 in H231 as these have specific entry or audition requirements. For more information on performing arts classes, visit elgin.edu/performingarts (http://elgin.edu/performingarts/).

In-District Tuition/Fees: $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Audition or consent of instructor

Semester(s) Offered: Fall and Spring

MUS 135 Class Guitar I (2) 2.0
Designed for beginning students with little or no experience on the guitar. Hand position, scales, chords, basic improvisation, tablature and notation are covered in this introductory class. (1.1) Proficiency Credit Available (3 S) Pass/No Credit Available.

In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: None

Semester(s) Offered: Fall, Spring and Summer

MUS 140 Applied Music (1) 0.0
Private study in music performance. Lessons are offered every semester in piano, voice, brass, woodwinds, strings, and percussion. Repeatable to a maximum of four credits. (1.1) Proficiency Credit Available (2 EIST) Pass/No Credit Available

www.elgin.edu/universitytransfer (http://www.elgin.edu/universitytransfer/)

SPECIAL NOTE: Registration for music lessons require instructor consent and a scheduled lesson time. Please contact the Performing Arts Department at 847-214-7188 in H231 to begin the registration process. For more information on performing arts classes, visit elgin.edu/performingarts (http://elgin.edu/performingarts/).

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Effective Summer 2020 Students must be 16 or older, or be granted consent to enroll by the academic dean. (Students ages 15 and under may register in credit-free course, CSX 140.) Prerequisite: Students must be 16 or older. Students ages 15 and under may register in credit-free course, CSX 140

Semester(s) Offered: Fall, Spring and Summer

MUS 150 Intro Mus Prod: Listening & FX (3) 2.2
This course is designed to train the ear of audio professionals and includes exercises designed to improve the students ability to hear audio effects and errors in recordings. Students will analyze recordings, identify instrumentation and audio effects, identify stylistic influences, diagnose errors, and identify and implement corrective steps. (1.2) Fall Proficiency Credit Available (2 ST) Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria.

Semester(s) Offered: Fall and Spring

MUS 155 Seminar in Music Business (3) 3.0
This course is designed to provide students with knowledge and experience of the changing music industry. Students will develop an understanding of the many facets of the music business, including promotion, distribution, copyright law, and legal issues. Students will review and create contracts that govern the relationships between producers, record label, distributors, club owners, and investors. Students will learn the skills that are required to be successful and adaptable. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.

Semester(s) Offered: Spring
MUS 160 Fundamentals of Music Technology (3) 2,2
This course is an introduction to the technical and artistic aspects of music technology. Students will learn the fundamentals of digital audio and music technology as they relate to studio design and live performance. Students will learn the technical specifications of microphones and recording technology. Students will learn about digital audio and music technology. Students will learn about the basics of industry-standard recording software. (1.2) Fall Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $441 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria.
Semester(s) Offered: Fall and Summer

MUS 170 Recording Techniques 1: Rec./Acous. (3) 2,2
This course is designed to the technical and aesthetic aspects of recording digital audio. Students will learn the fundamentals of acoustics as they relate to studio design and live performance. Students will learn the technical specifications of microphones and recording technology. Students will learn the basics of industry-standard recording software. (1.2) Fall Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $441 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria.
Semester(s) Offered: Fall and Spring

MUS 171 Recording Tech 2: Adv Rec and Mixing (3) 2,2
This course is a continuation of the recording techniques course. Students will apply knowledge of microphones and recording environments to multi-track recording projects. Students will learn basic mixing concepts and apply this knowledge to produce high-quality recordings using industry-standard software. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $441 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria.
Semester(s) Offered: Fall and Spring

MUS 172 Rec Tech 3: Mastering and Distrib (3) 2,2
This course is a continuation of the recording techniques sequence. Students will learn the mastering process, the final step of audio engineering. Students will learn how to assemble a unified music product. Students will learn how to deliver music from the studio to the consumer in today's changing distribution networks. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $441 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria.
Semester(s) Offered: Spring

MUS 172 Rec Tech 3: Mastering and Distrib (3) 2,2
This course is a continuation of the recording techniques sequence. Students will learn the mastering process, the final step of audio engineering. Students will learn how to assemble a unified music product. Students will learn how to deliver music from the studio to the consumer in today's changing distribution networks. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $441 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria.
Semester(s) Offered: Spring

MUS 172 Rec Tech 3: Mastering and Distrib (3) 2,2
This course is a continuation of the recording techniques sequence. Students will learn the mastering process, the final step of audio engineering. Students will learn how to assemble a unified music product. Students will learn how to deliver music from the studio to the consumer in today's changing distribution networks. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $441 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria.
Semester(s) Offered: Spring

MUS 172 Rec Tech 3: Mastering and Distrib (3) 2,2
This course is a continuation of the recording techniques sequence. Students will learn the mastering process, the final step of audio engineering. Students will learn how to assemble a unified music product. Students will learn how to deliver music from the studio to the consumer in today's changing distribution networks. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $441 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria.
Semester(s) Offered: Spring

MUS 172 Rec Tech 3: Mastering and Distrib (3) 2,2
This course is a continuation of the recording techniques sequence. Students will learn the mastering process, the final step of audio engineering. Students will learn how to assemble a unified music product. Students will learn how to deliver music from the studio to the consumer in today's changing distribution networks. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $441 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria.
Semester(s) Offered: Spring

MUS 205 Topics in Music (1-3) 3,0
(1-3, 2-6) Study of selected topics with discussion of representative areas in music (opera, gospel, improvisation, keyboard, literature, performance, practice, arranging). Certain topics require advanced knowledge or skills; students should review the course outline or consult the instructor before enrolling. Course is repeatable up to 12 credits. (1.1) Proficiency Credit Available (3 C) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring

MUS 228 Theory & Ear Training III (4) 3,2
A continuation of MUS 129, this course continues the harmonic vocabulary employed in the period of common practice, adds studies of historically important forms, and continues ear training and keyboard exercises. (1.1) Proficiency Credit Available Pass/No Credit Available.
In-District Tuition/Fees: $553 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: MUS 129 or placement
Semester(s) Offered: Fall

MUS 229 Theory & Ear Training IV (4) 3,2
A continuation of MUS 228, this course completes the harmonic vocabulary of the common practice period. Compositional techniques of the Post Romantic and Contemporary periods are also studied. (1.1) Proficiency Credit Available Pass/No Credit Available.
In-District Tuition/Fees: $553 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: MUS 228 or placement
Semester(s) Offered: Spring

MUS 240 Applied Music (1) 0,0
Private study in music performance. Lessons are offered every semester in piano, voice, brass, woodwinds, strings, and percussion. Repeatable to a maximum of four credits. (1.1) Proficiency Credit Available Pass/No Credit Available
www.elgin.edu/universitytransfer (http://www.elgin.edu/universitytransfer/)

SPECIAL NOTE: Registration for music lessons require instructor consent and a scheduled lesson time. Please contact the Performing Arts Department at 847-214-7188 (Room H231) to begin the registration process. For more information on performing arts classes, visit elgin.edu/performingarts (http://elgin.edu/performingarts/)

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: MUS 140 or consent of instructor
Semester(s) Offered: Fall, Spring and Summer
MUS 297 Independent Study in Music (1-3) 1.0
(1-3, 0) This will be an independent study in music, with varying topics. It is designed to provide students with additional study in a content area they would like to explore. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Consent of instructor
Semester(s) Offered: Fall, Spring and Summer

Nursing (NUR)

All NUR courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees. NUR 105 Basic Nurse Assistant Trng Program may only be counted in the GPA for seven hours.

NUR 105 Basic Nurse Assistant Trng Program (7) 6,3
The Basic Nurse Assistant course of Elgin Community College is designed to prepare qualified nurse assistants to provide patient care as members of a health care team in hospitals, extended care facilities, community agencies and home health care agencies. The nurse assistant course is a seven credit course. It meets the requirements and guidelines set by the state of Illinois Department of Public Health for the Basic Nurse Aide Training Program. Successful completion of the Basic Nurse Assistant Program at ECC involves completing the mandatory hours of theory and hours of clinical instruction and demonstrating manual skills competency. For certification one must pass the Illinois State Competency Written Examination. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/nursing (http://www.elgin.edu/nursing/)

SPECIAL NOTE: Students enrolled in this program are required to have the following: 1) criminal background check, 2) drug test, 3) completed medical form (includes lab tests to prove immunity to common illnesses, TB test, Tdap and flu shot), 4) health insurance, 5) BLS healthcare provider CPR certification, 6) textbook, uniform, and gait belt, and 7) social security number in order to take the Illinois certification exam, which is required to work as a nurse assistant. The cost associated with these requirements is approximately $450 plus the cost for health insurance. Please refer to the college catalog or elgin.edu/nursing for more information. The last day to register for NUR 105 is 11 days before the start of the term. Students must take the PSB exam prior to registering for class and score in the 12th percentile or better in all sections. All students in the program must attend the BNA orientation day which will take place prior to the start of the actual ECC semester to begin to learn strategies to be successful in the program. In addition, students must attend the first class day of the semester and the last class day of the semester for the BNA course. Failure to do so will result in automatic withdrawal and/or failure from the program.

In-District Tuition/Fees: $1019 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Completion of PSB-HOA (Psychological Services Bureau Exam for Health Occupations Aptitude) with a 12th percentile in all categories of the exam
Semester(s) Offered: Fall, Spring and Summer
NUR 142 Concepts of Nursing Practice I (8.5) 6.5,6
This course introduces the student to professional concepts, roles of the nurse, and fundamental concepts of nursing practice. The focus is placed on wellness and health promotion across the lifespan. Critical thinking is introduced in the context of the nursing process as the basis for clinical reasoning in nursing. Development of knowledge, skills and attitudes occurs in the nursing laboratory and community settings within the healthcare environment. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/nursing (http://www.elgin.edu/nursing/)

SPECIAL NOTE: Students enrolled in this program are required to have the following: 1) criminal background check, 2) drug test, 3) physical exam, 4) lab tests to prove immunity to common illnesses, 5) TB test, 6) health insurance, 7) uniform, 8) social security card and 9) Basic Life Support (BLS) Healthcare Provider CPR certification. The cost associated with these requirements are approximately $450, plus cost for health insurance. Students must attend the first day of class. For more information, please refer to the college catalog or elgin.edu/nursing (http://elgin.edu/nursing/)

In-District Tuition/Fees: $2297 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Admission to the Nursing Program. Concurrent enrollment in HPE 101 and NUR 144. Grade of C or better in BIO 246 or concurrent enrollment in BIO 246. Recommended: Grade of C or better in HPE 112 Semester(s) Offered: Fall and Spring

NUR 144 Concepts of Pharmacology (1.5) 1,1
This course introduces the student to fundamental concepts of pharmacology as they apply to nursing practice. A foundational knowledge base of nursing pharmacology is acquired in the areas of legal aspects, cultural factors, complementary and alternative medicine principles, pharmacokinetics and pharmacodynamics, person education, drug administration, evaluation of drug therapy, and documentation. Application to persons across the lifespan is emphasized. Development of knowledge, skills and attitudes occurs in nursing laboratory settings. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/nursing (http://www.elgin.edu/nursing/)

SPECIAL NOTE: Students enrolled in this program are required to have the following: 1) criminal background check, 2) drug test, 3) physical exam, 4) lab tests to prove immunity to common illnesses, 5) TB test, 6) health insurance, 7) uniform, 8) social security card and 9) Basic Life Support (BLS) Healthcare Provider CPR certification. The cost associated with these requirements are approximately $450, plus cost for health insurance. Students must attend the first day of class. For more information, please refer to the college catalog or elgin.edu/nursing (http://elgin.edu/nursing/)

In-District Tuition/Fees: $498 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Admission to the Nursing Program. Concurrent enrollment in HPE 101 and NUR 144. Grade of C or better in BIO 246 or concurrent enrollment in BIO 246. Recommended: Grade of C or better in HPE 112 Semester(s) Offered: Fall and Spring

NUR 152 Concepts of Nursing Practice II (9.5) 7,8
This course continues to develop the role of the professional nurse and concepts of nursing practice with application to the care of acutely ill persons with medical and surgical needs across the lifespan. Critical thinking skills and strategies are further developed as the basis for clinical reasoning in nursing as they apply to the concepts. Development of knowledge, skills and attitudes occurs in the nursing laboratory and a variety of clinical settings within the healthcare environment. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $2604 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in NUR 142, NUR 144, BIO 246 and BIO 265 Semester(s) Offered: Fall and Spring

NUR 242 Concepts of Nursing Practice III (9.5) 7,8
This course further develops the roles of the professional nurse and concepts of nursing practice with application to persons with complicated medical, surgical, and rehabilitation needs across the lifespan. Clinical reasoning skills are emphasized as they apply to concepts with movement toward clinical judgment. Development of knowledge, skills and attitudes occurs in the nursing laboratory and a variety of clinical settings within the healthcare environment. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $2604 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in NUR 142, NUR 144 and NUR 152 Semester(s) Offered: Fall and Spring

NUR 252 Concepts of Nursing Practice IV (9) 5,12
This course builds on all previous nursing courses to further refine the roles of the professional nurse and concepts of nursing practice with application to persons with complex and chronic conditions, the reproducing family, and mental health illnesses across the lifespan. This course allows the student the opportunity to demonstrate further growth towards the professional behaviors of caring, role competence and clinical judgment. Development of knowledge, skills and attitudes occurs in the nursing laboratory and a variety of clinical settings within the healthcare environment. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $2688 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in NUR 242 Semester(s) Offered: Fall and Spring

Office Administration Tech. (OAT)
All OAT and OTS courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.
**OAT 100 Professional Development Skills (1)** \[ 1.0 \]
In this course, which is designed to be one of the first taken in the OAT series, introducing skills needed for success both in college and in the workplace. Topics covered include career assessment and exploration, communication, human relations, personal management, professionalism and time management. (1.2) Proficiency Credit Not Available Pass/No Credit Available.

**In-District Tuition/Fees:** $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

**Prerequisite:** None

**Semester(s) Offered:** Fall, Spring and Summer

**OAT 101 Document Production I (3)** \[ 3.0 \]
Students will use computers to keyboard and format memos, email, business letters, reports, tables, and newsletters. Keyboarding, proofreading, editing, and language skills are reinforced. (1.2) Proficiency Credit Available (3 S) Pass/No Credit Available.

**In-District Tuition/Fees:** $406 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

**Prerequisite:** Grade of C or better in OAT 101 and OTS 101 or passing score on OTS 100 proficiency examination

**Semester(s) Offered:** Fall and Spring

**OAT 102 Document Production II (3)** \[ 3.0 \]
Students continue using computers to develop speed and accuracy in both production and straight copy. Emphasis is placed on advanced formatting business letters, memos, tables, reports, documents with graphics, computerized forms, mail merge, employment and online documents, collaborative and meeting documents. Proofreading, editing, and language skills are reinforced. (1.2) Proficiency Credit Available (2 SL) Pass/No Credit Available.

**In-District Tuition/Fees:** $406 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

**Prerequisite:** Grade of C or better in OAT 101 and OTS 101 or passing score on OAT 101 and OTS 101 proficiency examination

**Semester(s) Offered:** Fall and Spring

**OAT 103 Document Production III (3)** \[ 0.6 \]
(0-3, 0-6) Students develop and employable production rate for the keyboarding of business letters, reports, and statistical data. Emphasis is placed on correctly prioritizing work and developing a high degree of speed and accuracy. Instruction is individualized. Students work independently on computers either in a classroom setting or in the OAT Instructional Center. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

**In-District Tuition/Fees:** $406 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

**Prerequisite:** Grade of C or better in OAT 102 and OAT 130 or passing score on OAT 102 and/or OAT 130 proficiency examinations

**Semester(s) Offered:** Fall and Spring

**OAT 122 Medical Terminology (3)** \[ 3.0 \]
Effective 2020 Summer this course will be withdrawn. Medical terminology is necessary for anyone interested in a health profession and/or a health related occupation. The development of medical vocabulary using a body system approach incorporates the combination and interpretation of word elements. Medical prefixes, suffixes and anatomically related word roots are combined to form anatomical, diagnostic, symptomatic and operative complex medical terms related to the human body and various specialty areas. Additionally, emphasis is placed on correct pronunciation, spelling, and abbreviation of medical terms. (1.2) Proficiency Credit Available (2 T) Pass/No Credit Available.

**In-District Tuition/Fees:** $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

**Prerequisite:** None

**Semester(s) Offered:** Fall and Spring

**OAT 130 Software Applications for the Office (3)** \[ 3.0 \]
Designed primarily for students planning to major in a field of commerce, students are acquainted with and trained in the use of business computer packages, including word processing, database management, spreadsheets, presentation desktop publishing, and Internet-access methods. (1.2) Proficiency Credit Available (2 SL) Pass/No Credit Available.

**In-District Tuition/Fees:** $416 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

**Prerequisite:** Grade of C or better in OTS 100 or concurrent enrollment in OTS 100 or passing score on OTS 100 proficiency examination

**Semester(s) Offered:** Fall and Spring

**OAT 132 Applied Bus Language Skills (3)** \[ 3.0 \]
Fundamental course in proofreading and editing skills. Develops skills in proofreading to detect errors in grammar, punctuation, capitalization, number usage, content, format, spelling, word division, and word division in business documents. (1.2) Proficiency Credit Not Available Pass/No Credit Available.

**In-District Tuition/Fees:** $406 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

**Prerequisite:** Grade of C or better in OTS 100 or concurrent enrollment in OTS 100 or passing score on OTS 100 proficiency examination

**Semester(s) Offered:** Fall and Spring

**OAT 135 Executive Machine Transcription (3)** \[ 1.4 \]
This course is designed to develop basic machine transcription skills. The student will build transcription speed and accuracy while producing a mailable copy through the development and practice of grammar, punctuation, proofreading, spelling, formatting, and word usage. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

**In-District Tuition/Fees:** $411 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

**Prerequisite:** Prerequisite: Grade of C or better in OAT 102 and OAT 132

**Semester(s) Offered:** Fall and Spring
OAT 144 Operating Systems I (1)  0.2
(0-1, 0-2) This course is designed to introduce the student to the capabilities of Microsoft Windows as they apply to the skills needed by office support personnel. This course covers the primary components of the Windows environment, the many ways you can customize Windows to fit your own particular needs, and the file management systems. Course is repeatable to three credits (1.2) Proficiency Credit Available (3 S) Pass/No Credit Available.
In-District Tuition/Fees: $142 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

OAT 146 Personal Information Management I (1)  0.2
(0-1, 0-2) This course includes hands-on instruction in personal information management applications as they apply to the skills needed by office support personnel. Course is repeatable to three credits (1.2) Proficiency Credit Available (3 S) Pass/No Credit Available.
In-District Tuition/Fees: $142 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

OAT 147 Special Topics I (1-4)  0.8
This course includes hands-on instruction in basic software applications as they apply to the skills needed by office support personnel. Course is repeatable to three credits (1.2) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $538 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

OAT 148 Medical Machine Transcription (3)  1,4
This course is designed to develop basic machine transcription skills for the medical field. The student will build transcription speed and accuracy while producing a mailable copy through the development and practice of grammar, punctuation, proofreading, spelling, formatting, and word usage. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $411 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Prerequisite: Grade of C or better in OAT 102 and OAT 132
Semester(s) Offered: Varies

OAT 149 Legal Machine Transcription (3)  1,4
This course is designed to develop basic machine transcription skills for the legal environment. The student will build transcription speed and accuracy while producing a mailable copy through the development and practice of grammar, punctuation, proofreading, spelling, formatting, and word usage. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in OAT 102 and OAT 132
Semester(s) Offered: Varies

OAT 247 Special Topics II (1-4)  0.8
This course includes hands-on instruction in advanced software applications as they apply to the skills needed by office support personnel. Course is repeatable to three credits (1.2) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $538 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in OAT 147 or successful completion of placement test+
Semester(s) Offered: Varies

OAT 260 Administration Office Procedures (3)  3,0
This capstone class will assess the student’s overall knowledge of office administration procedures and skills for working as an office professional. Additional information for employment in an office setting will be provided. Units include business meeting procedures, human relations, job applications, office administration duties, office protocol, receptionist duties, records management, traditional mail and e-mail, telephone techniques, and travel. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $426 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in OAT 100 or COL 101, and OAT 132, BUS 101 and OAT 103 or concurrent enrollment in OAT 103
Semester(s) Offered: Fall, Spring and Summer

Office Administration Tech. (OTS)
All OAT and OTS courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.

OTS 100 Keyboarding (1)  1,0
Keyboarding is a skill needed today by all people and all professions. This course introduces the alphanumeric touch system of keyboarding. The touch system means keyboarding without looking at the keyboard. (1.2) Proficiency Credit Available (3 S) Pass/No Credit Available.
In-District Tuition/Fees: $142 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer
OTS 101 Keyboarding - Speed & Accuracy (2)  2,0
This course is designed to review, correct, and improve touch-keyboarding techniques to increase speed and to improve accuracy. Student’s skill level is assessed at the beginning of the class. Course is repeatable to four credits. (1.2) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $274 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in OTS 100 or passing score on OTS 100 proficiency examination
Semester(s) Offered: Fall, Spring and Summer

Paralegal (PAR)

All PAR courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.

PAR 101 Introduction to Law (3)  3,0
This course introduces students to the skills they need to perform substantive legal work under the direction of a licensed attorney. Students will locate and interpret cases and statutes and learn the basic structure of legal analysis. This course includes legal terminology, core grammar skills, legal citation, ethics, investigation skills, and a thorough discussion of the structure of both the federal and state judicial systems. Students will be introduced to legal technologies, including legal research databases, court databases, and case management software. (1.2) Proficiency Credit Available (2T) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.
Semester(s) Offered: Fall and Spring

PAR 108 Family Law (3)  3,0
This course examines Illinois domestic relations law. Students are required to analyze the relevant statutes, identify tax consequences, and draft pleadings for dissolution of marriage and other family law matters. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: PAR 101 or concurrent Enrollment in PAR 101.
Semester(s) Offered: Fall and Spring

PAR 201 Civil Litigation (3)  3,0
This course explores civil procedure and pleading, from interviewing a client through post-trial proceedings, including discovery and file management. Students are required to prepare several written assignments. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: PAR 101 or concurrent Enrollment in PAR 101.
Semester(s) Offered: Fall and Spring

PAR 202 Real Property Law (3)  3,0
This course includes study of the law, procedures, and documents related to the sale and lease of real estate. The focus is on functions normally performed by a law office, lender, or title company, rather than the responsibilities of a broker or sales agent. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: PAR 101 or concurrent Enrollment in PAR 101.
Semester(s) Offered: Spring

PAR 204 Legal Research (3)  3,0
This hybrid course requires extensive independent legal research and analysis using federal and multi-state materials. Students will utilize the internet and computerized legal research subscription services supplied by the college. Instruction will focus on locating relevant, current, and authoritative legal sources. Students will use primary sources to analyze fact patterns and reach logical, well-supported conclusions. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $446 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Prerequisite:PAR 101 or concurrent enrollment in PAR 101.
Semester(s) Offered: Fall and Spring

PAR 205 Wills, Trusts and Probate (3)  3,0
This course teaches students to prepare estate planning documents, handle probate estates, transfer assets without probate, and administer trusts, under the supervision of an attorney. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: PAR 101 or concurrent Enrollment in PAR 101.
Semester(s) Offered: Fall and Spring

PAR 206 Legal Writing (3)  3,0
Students will learn advanced concepts related to legal writing, research, and analysis. Assignments may include client letters, objective memoranda, or drafting transactional documents. The class is designed to teach students to write and edit for the legal profession. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/). (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: PAR 101, PAR 201, and PAR 204
Semester(s) Offered: Fall and Spring
PAR 207 Criminal Law Procedure (3) 3.0
This course focuses on the Illinois criminal law statute and Constitutional rights applicable to criminal prosecutions. Students are introduced to procedures relating to arrest, investigation, and trial, and to the corrections system. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: PAR 101, PAR 201, and PAR 204.
Semester(s)Offered: Fall and Spring

PAR 223 Business Entity Formation (3) 3.0
This course focuses on the various business formation structures available under Illinois law. Students will learn about the law of agency and how it relates to business partners and formation structure. Students will research the facts and forms relevant to business entity formation and limited liability maintenance. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.
Semester(s) Offered: Spring

PAR 235 Internship (1-2) 0.0
Students who are currently working in a law-related position or who have worked in a law-related position within the past 6 months, may be eligible for internship proficiency credit. Contact the program coordinator for proficiency assistance. Students who do not qualify for proficiency credit must complete a paralegal internship. All paralegal internships must be approved by the instructor or the program coordinator before the student can register for the course. The college does not place students in internship positions. Students must work on obtaining an internship position at least two months before the start of the semester in which the student plans to enroll for internship credit. The program coordinator will assist students who are unable to locate an internship independently, but the student must request assistance. All internship work must be completed under the supervision of an attorney or legal staff member. A total of 80 hours of internship is necessary for each hour of class credit. Both the AAS and the BVS require two credits of internship to graduate. Students planning to complete all 160 hours of internship in one semester should register for two credits. Students may repeat the one-credit course and complete the required 160 hours over two separate semesters. Students will be responsible for keeping a journal detailing the work they have done. Students will share their experiences with fellow interns using online discussion boards and with the course instructor through memos. (1.2) Proficiency Credit Available (2E) Pass/No Credit Not Available.
In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Prerequisite: PAR 101, PAR 201, PAR 204, and consent of instructor.
Semester(s) Offered: Fall, Spring and Summer

PAR 237 Paralegal Special Topics (3) 3.0
Application of paralegal principles to specific problems through case studies, simulation, special projects, or problem solving procedures. No topics/problem will be offered more than twice in three years. A special topic may only be taken once. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: PAR 101 or concurrent enrollment in PAR 101.
Semester(s) Offered: Varies

PAR 239 Paralegal Capstone (1) 1.0
This course prepares students for their first paralegal job. Students will create a final portfolio and paralegal resume. The class will focus on preparing students to enter the job force with the knowledge, attitude, and skills required to exceed the expectations of their employers. The course will challenge students to apply their knowledge in client-specific situations that require integrative thinking about legal services and ethics. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: PAR 101, PAR 201, and PAR 204.
Semester(s) Offered: Fall and Spring

Pastry (PAS)
All CUL, HOS, and PAS courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.

PAS 101 Baking Fundamentals I (4) 1.6
Theory and technique of introductory baking skills needed in the culinary/baking field. Included will be basic concepts, units of measure, tools and ingredients. Discussions/demonstrations to include quick breads, beginning yeast breads, choux paste, pies, baked custards and tarts. (1.2) Proficiency Credit Available (2 TSI EH) Pass/No Credit Available.
In-District Tuition/Fees: $728 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade C or better in PAS 100 or CUL 100 or HOS 100 and CUL 106 or concurrent enrollment in HOS 100 and CUL 106
Semester(s) Offered: Fall and Spring

PAS 103 Baking Theory (1) 1.0
The goal of this class is to provide students with a solid theoretical and practical foundation in baking practices including bakers math, standardized recipes, ingredient selection and their functions. (1.2) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Prerequisite: Grade of C or better in RDG 090 or LTC 099, an ACT Reading score of 18 or above or an appropriate placement score. Grade of C or better BUS 120 or in MTH 090, an ACT math score of 23 or above, or an appropriate placement score.
Semester(s) Offered: Fall and Spring
PAS 104 Yeast Bread (6)  2,8
This specialized course will provide students with the intensified production of yeast products. The experience will include reading and interpreting yeast formulas, ingredient selection and theory behind yeast dough production. Specialty breads, Venoisserie, Artisan, dough sculpture and regional products will be produced and discussed. (1.2) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $992 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in PAS 100 or CUL 100 or HOS 100 and CUL 106 or concurrent enrollment in HOS 100 and CUL 106
Semester(s) Offered: Fall and Spring

PAS 110 Baking Fundamentals II (6)  2,8
This course is a continuation of PAS 101 or 102 with an introduction to more elaborate baking and pastry products with an emphasis on perfecting the bakers' techniques and productions skills. Focusing work on petit fours sec, mousse, crepes, cookies, puff pastry, beginning cake baking and decoration will also be covered. (1.2) Proficiency Credit Available (2 HTIES) Pass/No Credit Not Available.
In-District Tuition/Fees: $992 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in PAS 101 and PAS 103 or PAS 102
Semester(s) Offered: Fall and Spring

PAS 202 Patisserie & Confections I (6)  2,8
Introduction to European and advanced pastries and tortes with an emphasis on European cake assembly and decorating techniques. Low-fat cakes, European buttercreams, Bavarians and Charlottes, ganache, chocolate pipings, and confectionery production all will be covered in this course. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $992 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in PAS 180 or PAS 202
Semester(s) Offered: Fall and Spring

PAS 204 Decorative Pastry (6)  2,8
This course deals exclusively with centerpiece and artistic displays. Sugar pulling, sugar casting, chocolate centerpieces, chocolate boxes, marzipan, rolled fondant, pastillage, gumpaste and wedding cakes will be taught through hands-on production. (1.2) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $992 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in PAS 101
Semester(s) Offered: Spring

PAS 205 Pastry Internship (4)  0,0
This course is designed to give the student valuable hands-on experience by entering into a partnership with industry. The internship agreement will last for 320 hours. Under the supervision of a faculty member and designated employer, the student will participate in the day-to-day operations of the selected food service site. During the internship period, the student will be responsible for preparing three term papers relating to the specific operation, documented completion of hard and soft skills developed between the instructor and student and pastry portfolio. Upon completion of this course, the student’s performance will be evaluated by the employer. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $528 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in PAS 110 or PAS 202
Semester(s) Offered: Fall, Spring and Summer

PAS 220 Customer Service Operations (2)  0,6
Pastry students will gain the experience of customer service as they prepare, display and present both savory and pastry products for the on campus retail store. Students will practice the skills of customer interactions and service, controlling inventory, as well as perform moderate quantity production. Students will rotate through 3 different assigned areas during this course to gain valuable service operations skills. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $364 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in PAS 202.
Semester(s) Offered: Fall and Spring

PAS 280 Patisserie & Confections II (6)  2,8
This course is a continuation of PAS 202 with emphasis on entremets, ice cream and sorbets, plated dessert presentation, formulating ganaches and working with colored cocoa butters. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $992 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in PAS 110 or PAS 102
Semester(s) Offered: Fall and Spring

Physical Ed - Health (PHR)  (Includes classes for P.E. majors, co-educational, and health.)

Only FOUR hours of PHC courses numbered 100 and above may be applied to the Associate in Arts and Associate in Science degrees.

All PHC, PEM, and PHR courses numbered 100 and above may be applied to the major field and elective requirement for the AA and AS degrees.
PHR 101 Health (3)  3.0
Basic concepts of holistic health are introduced in this course. The interrelationship of the mind, body, and spirit are emphasized in such topics as: exercise, nutrition, aging, stress, substance abuse, violence, personal relationships, and major health problems. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

PHR 102 First Aid and Safety (3)  3.0
This course is designed to develop the knowledge and skills of CPR and first aid capabilities for students who may be required to provide the initial emergency care necessary to sustain life until the victim of an accident or sudden illness is cared for by qualified personnel. American Red Cross advanced first aid certificates will be issued upon successful completion of this course. (1.1) Proficiency Credit Available (2 E) Pass/No Credit Available.

In-District Tuition/Fees: $416 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

PHR 110 Active for Life (2)  2.0
Active for life is an evidence-based course that uses established behavior change models such as the stages of readiness to change and empowers people to overcome their barriers to physical activity. Students find ways to fit physical activity into their daily lives and maintain a lifelong habit of physical activity even when difficult situations arise. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

PHR 115 Healthy Eating for Life (2)  2.0
Healthy eating for life is an evidence-based, cognitive behavioral approach to helping change their diets. Students learn how to identify the reasons for their poor eating choices and acquire the lifestyle-management skills they need to improve their eating permanently. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: None
Semester(s) Offered: Fall

Physical Ed.-P.E. Majors (PEM)
(Includes classes for P.E. majors, co-educational, and health.)

Only FOUR hours of PHC courses numbered 100 and above may be applied to the Associate in Arts and Associate in Science degrees.

PEM 220 Phys Educ at Elem Level (3)  2.2
This course is an introduction to elementary school physical education activities and curriculum with an emphasis on understanding human movement and development needs of children, planning developmental learning experiences, and classroom management and instruction techniques. (1.1) Proficiency Credit Available (2 E) Pass/No Credit Not Available.

In-District Tuition/Fees: $406 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: None
Semester(s) Offered: Fall and Spring

Physical Ed/Coeducational (PHC)
(Includes classes for P.E. majors, co-educational, and health.)

Only FOUR hours of PHC courses numbered 100 and above may be applied to the Associate in Arts and Associate in Science degrees.

All PHC, PEM, and PHR courses numbered 100 and above may be applied to the major field and elective requirement for the AA and AS degrees.

PHC 109 Physical Fitness I (.5-3)  0,1
(0,1-6) This activity based course is designed to teach students the basic principles of fitness and wellness. The fitness center offers orientations on the proper use of the aerobic, Cybex strength training and free weight equipment as well as instruction on beginning an exercise program. This course does not have a scheduled class time; students may come in to work out any time the fitness center is open. This course is repeatable to three credits. (1.1) Proficiency Credit Not Available Pass/No Credit Available

www.elgin.edu/fitnesscenter (http://www.elgin.edu/fitnesscenter/)

In cooperation with the establishment of the college Wellness/Fitness Center, students may enroll in PHC 109 Physical Fitness I or PHC 110 Physical Fitness II. Students enrolling for the first-time should enroll in PHC 109. Students with previous credit in PHC 109 need to enroll in PHC 110.

PHC 109, PHC 110 and PHC 167 sections 110 & 111 are designed specifically for students 60 years old and over.

In-District Tuition/Fees: $86 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: None
Semester(s) Offered: Fall and Spring

PHC 110 Physical Fitness II (.5-3)  0,1
(0,1-6) This activity based course is designed to teach students the basic principles of fitness and wellness. The fitness center offers orientations on the proper use of the aerobic, Cybex strength training and free weight equipment as well as instruction on beginning an exercise program. This course does not have a scheduled class time; students may come in to work out any time the fitness center is open. This course is repeatable to three credits. (1.1) Proficiency Credit Not Available Pass/No Credit Available

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PHC 109, PHC 110 and PHC 167 sections 110 & 111 are designed specifically for students 60 years old and over.

In-District Tuition/Fees: $86 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: None
Semester(s) Offered: Fall and Spring

PHC 110 Physical Fitness II (.5-3)  0,1
(0,1-6) This activity based course is designed to teach students the basic principles of fitness and wellness. The fitness center offers orientations on the proper use of the aerobic, Cybex strength training and free weight equipment as well as instruction on beginning an exercise program. This course does not have a scheduled class time; students may come in to work out any time the fitness center is open. This course is repeatable to three credits. (1.1) Proficiency Credit Not Available Pass/No Credit Available

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In-District Tuition/Fees: $86 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: None
Semester(s) Offered: Fall and Spring

PHC 110 Physical Fitness II (.5-3)  0,1
(0,1-6) This activity based course is designed to teach students the basic principles of fitness and wellness. The fitness center offers orientations on the proper use of the aerobic, Cybex strength training and free weight equipment as well as instruction on beginning an exercise program. This course does not have a scheduled class time; students may come in to work out any time the fitness center is open. This course is repeatable to three credits. (1.1) Proficiency Credit Not Available Pass/No Credit Available

www.elgin.edu/fitnesscenter (http://www.elgin.edu/fitnesscenter/)

In cooperation with the establishment of the college Wellness/Fitness Center, students may enroll in PHC 109 Physical Fitness I or PHC 110 Physical Fitness II. Students enrolling for the first-time should enroll in PHC 109. Students with previous credit in PHC 109 need to enroll in PHC 110.

PHC 109, PHC 110 and PHC 167 sections 110 & 111 are designed specifically for students 60 years old and over.

In-District Tuition/Fees: $86 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: None
Semester(s) Offered: Fall and Spring
PHC 110 Physical Fitness II (.5-3) 0,1
(0, 1-6) This course is designed to maintain and/or improve upon the level of fitness reached in Physical Fitness I. This course does not have a scheduled class time; students may come in to work out any time the fitness center is open. This course is repeatable to three credits. (1.1) Proficiency Credit Not Available Pass/No Credit Available

www.elgin.edu/fitnesscenter (http://www.elgin.edu/fitnesscenter/)

In cooperation with the establishment of the college Wellness/Fitness Center, students may enroll in PHC 109 Physical Fitness I or PHC 110 Physical Fitness II. Students enrolling for the first-time should enroll in PHC 109. Students with previous credit in PHC 109 need to enroll in PHC 110.

PHC 109, PHC 110 and PHC 167 sections 110 & 111 are designed specifically for students 60 years old and over.

In-District Tuition/Fees: $86 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: PHC 109
Semester(s) Offered: Varies

PHC 111 Individualized Fitness Programming (1) 1,0
This course is specifically for Health and Wellness Management students. Through this semester long course the student has the opportunity to work one on one with a certified personal trainer. This course will focus on the personal trainer/client relationship from the pre-screening process through the individual exercise design and progression. (1.1) Proficiency Credit Not Available Pass/No Credit Available

In-District Tuition/Fees: $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: PHC 109

Semester(s) Offered: Varies

PHC 113 Tennis I (.5-1) 0,2
(0, 1-2) Emphasis on individual skills including forehand and backhand strokes and serving. Course is repeatable to four credits. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $66 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: None

Semester(s) Offered: Fall

PHC 115 Intermediate Tennis (.5-1) 0,1
(0, 1-2) Designed to develop advanced skills, knowledge and attitudes for effective court play. Course is repeatable to four credits. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $66 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: PHC 113 or consent of instructor

Semester(s) Offered: Varies

PHC 130 Beginning Fitness Walking (1) 0,2
Introduction to walking for fitness. Establish overall fitness goals, review walking technique, gear and general training guidelines. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: None

Semester(s) Offered: Fall

PHC 132 Advanced Fitness Walking (1) 0,2
This course is designed to develop skills, knowledge and attitudes necessary to advance students through their fitness walking program.

Course is repeatable to four credits. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: PHC 130 or consent of instructor

Semester(s) Offered: Varies

PHC 167 Free Exercise (1-2) 0,2
(0, 2-4) This course is contract based and permits the student to log in hours in both the Fitness Center and an outside activity that is not offered by the college. The student is required to log in a predetermined number of hours in the Fitness Center and may supplement his/her total with a preapproved activity. Course is repeatable three times up to eight credits. (1.1) Proficiency Credit Not Available Pass/No Credit Available

www.elgin.edu/fitnesscenter (http://www.elgin.edu/fitnesscenter/)

In cooperation with the establishment of the college Wellness/Fitness Center, students may enroll in PHC 109 Physical Fitness I or PHC 110 Physical Fitness II. Students enrolling for the first-time should enroll in PHC 109. Students with previous credit in PHC 109 need to enroll in PHC 110.

PHC 109, PHC 110 and PHC 167 sections 110 & 111 are designed specifically for students 60 years old and over.

In-District Tuition/Fees: $284 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: None

Semester(s) Offered: Varies

PHC 200 Fundamentals of Weight Training (1) 0,2
This course is designed for men and women and introduces the proper techniques of weight training. Emphasis will also be place on flexibility, power, and strength programs. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: None

Semester(s) Offered: Spring
Physical Therapist Assisting (PTA)

All PTA courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.

SPECIAL NOTE: Explore the Physical Therapist Assistant Program and come to an information session. For more details, go to elgin.edu/visitecce (https://elgin.edu/about-ecc/visiting-campus/).

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Physical Therapist Assistant (PTA) Program. For more information please refer to elgin.edu/physicaltherapy (https://elgin.edu/academics/departments/physical-therapist-assistant/).

PTA 110 Therapeutic Exercise (1)  1.5
Instruction in a variety of therapeutic exercises will be performed, for example: ROM, flexibility, stretching, strengthening with a variety of exercise equipment. The student will learn proper body alignment and posture during performance of exercises. Topics include basics of the exercise prescription to improve patient goals and outcomes while integrating postural concepts and safety awareness. Other topics will include safety related to guarding and monitoring physical status and physiological responses during exercise. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/physicaltherapy (http://www.elgin.edu/physicaltherapy/)

SPECIAL NOTE: Explore the physical therapist assistant program and come to an information session. For more details, go to elgin.edu/visithecc (http://elgin.edu/visitecce/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Physical Therapist Assistant (PTA) program. For more information please refer to elgin.edu/physicaltherapy (http://elgin.edu/physicaltherapy/).

In-District Tuition/Fees: $199 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Acceptance into the Physical Therapy Assistance Program
Semester(s) Offered: Fall

PTA 112 Documentation Communication (3)  3.0
This course introduces forms of documentation with emphasis on the SOAP format. Medical terminology related to physical therapy and the healthcare environment is an integral part of the course. Legal and ethical procedures regarding documentation are discussed. Students will be able to document an accurate and effective SOAP note utilizing appropriate medical terminology at the conclusion of this course. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/physicaltherapy (http://www.elgin.edu/physicaltherapy/)

SPECIAL NOTE: Explore the physical therapist assistant program and come to an information session. For more details, go to elgin.edu/visitecce (http://elgin.edu/visitecce/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Physical Therapist Assistant (PTA) program. For more information please refer to elgin.edu/physicaltherapy (http://elgin.edu/physicaltherapy/).

In-District Tuition/Fees: $443 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Acceptance into the Physical Therapist Assistant Program
Semester(s) Offered: Fall

PTA 114 Pathology (3)  3.0
This course will provide the student with the scientific study of the nature of various diseases and related causes, processes, development and consequences. Clinical application of knowledge will be expected in concurrent and following physical therapist assistant courses. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/physicaltherapy (http://www.elgin.edu/physicaltherapy/)

SPECIAL NOTE: Explore the physical therapist assistant program and come to an information session. For more details, go to elgin.edu/visitecce (http://elgin.edu/visitecce/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Physical Therapist Assistant (PTA) program. For more information please refer to elgin.edu/physicaltherapy (http://elgin.edu/physicaltherapy/).

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Concurrent enrollment in PTA 122
Semester(s) Offered: Spring
PTA 120 Physical Therapist Assisting I (4)  3,2
This course introduces the student to the history and principles of physical therapy; standards of practice and conduct for physical therapists and physical therapist assistants; the PT/PTA preferred relationship and respective roles and responsibilities; state and federal laws governing the practice of physical therapists and assistants; overview of the structure and organization of the U.S. health care system; general information about the professional organization and its impact on practice; principles and concepts related to patient practitioner interactions including psycho-social issues and cultural awareness; principles of patient education; documentation standards; basics of patient care services including transfers, assistive devices, patient instruction; data collection including vital signs, arousal, mentation and cognition; infection control measures; concepts of professional communications; basic clerical functions; and expected professional behaviors. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available
www.elgin.edu/physicaltherapy (http://www.elgin.edu/physicaltherapy/)

SPECIAL NOTE: Explore the physical therapist assistant program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Physical Therapist Assistant (PTA) program. For more information please refer to elgin.edu/physicaltherapy (http://elgin.edu/physicaltherapy/).

In-District Tuition/Fees: $712 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Acceptance into PTA program; Grade of C or better in BIO 110 or BIO 113 or concurrent enrollment in BIO 110 or BIO 113 and concurrent enrollment in PTA 110 and PTA 112
Semester(s) Offered: Fall

PTA 122 Physical Therapist Assisting II (4)  2,4
This course further develops and refines patient care skills acquired in PTA 120, with additional emphasis on range of motion, functional training, professional behavior and compliance with professional guidelines. Areas of study will include joint range of motion and measurement, basic pharmacology, introduction to soft tissue mobilization and massage, lymphatic drainage, study and practice of physical and electrotherapeutic agents, mechanical and manual traction. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available
www.elgin.edu/physicaltherapy (http://www.elgin.edu/physicaltherapy/)

SPECIAL NOTE: Explore the physical therapist assistant program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Physical Therapist Assistant (PTA) program. For more information please refer to elgin.edu/physicaltherapy (http://elgin.edu/physicaltherapy/).

In-District Tuition/Fees: $662 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Concurrent enrollment in PTA 114 and PTA 123 and Grade of C or better in PTA 110, PTA 112, PTA 120 Grade of C or better in BIO 240 or BIO 246 or concurrent enrollment in BIO 240 or BIO 246
Semester(s) Offered: Spring

PTA 123 Clinical Practicum I (3)  0,9
This clinical experience provides an opportunity to apply skills from PTA 120 and concurrent PTA 122 in a clinical setting under direct supervision of a clinical instructor. This first of three affiliations meets two eight hour days per week for nine weeks (144 hours total). Weekly academic projects will be completed with supervision of the clinical instructor emphasizing and utilizing the knowledge gained and correlating with PTA 122 classroom knowledge and skills. Completion of a 15 minute oral presentation, including educational supplemental materials, to the clinical staff members on a topic approved by the Academic Coordinator of Clinical Education (ACCE) and Clinical Instructor (CI) is required. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available
www.elgin.edu/physicaltherapy (http://www.elgin.edu/physicaltherapy/)

SPECIAL NOTE: Explore the physical therapist assistant program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Physical Therapist Assistant (PTA) program. For more information please refer to elgin.edu/physicaltherapy (http://elgin.edu/physicaltherapy/).

In-District Tuition/Fees: $430 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Concurrent enrollment in PTA 122
Semester(s) Offered: Spring
PTA 125 Kinesiology (4) 2,4
Kinesiology is the study of human movement. The neuromuscular and musculoskeletal systems and their function in relation to activity is presented. Instruction in biomechanics, kinetics, osteo- and arthrodynamics assists in understanding joint structure and muscle function. Each major joint of the musculoskeletal system is studied and accompanied by palpation and observation during laboratory activities. Topics also include pain mechanics, muscle physiology, physical laws and principles of leverage, posture and gait. All course information will be related to the application of clinical practice. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available
www.elgin.edu/physicaltherapy (http://www.elgin.edu/physicaltherapy/)

SPECIAL NOTE: Explore the physical therapist assistant program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Physical Therapist Assistant (PTA) program. For more information please refer to elgin.edu/physicaltherapy (http://elgin.edu/physicaltherapy/).

In-District Tuition/Fees: $561 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in PTA 114, PTA 122 and PTA 123
Semester(s) Offered: Summer

PTA 231 Physical Therapist Assisting III (5) 3,4
This course further develops and refines patient care skills acquired in PTA 120 and PTA 122 with additional emphasis on fundamental orthopedic management and the musculoskeletal system. Participants will become familiar with interventions in rehabilitation of orthopedic surgeries and injuries commonly seen in physical therapy, associated interventions and data collection techniques. Specialized topics include wound care, burns, and considerations for specific and varied patient populations including orthopedics, sports injury, geriatrics, and joint replacement, uncomplicated pregnancy and post-partum status. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available
www.elgin.edu/physicaltherapy (http://www.elgin.edu/physicaltherapy/)

SPECIAL NOTE: Explore the physical therapist assistant program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Physical Therapist Assistant (PTA) program. For more information please refer to elgin.edu/physicaltherapy (http://elgin.edu/physicaltherapy/).

In-District Tuition/Fees: $909 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in PTA 125; concurrent enrollment in PTA 232
Semester(s) Offered: Fall

PTA 232 Clinical Practicum II (5) 0,15
This clinical experience provides an opportunity to apply skills acquired in all previous PTA curriculum courses and concurrent PTA 231 in a clinical setting under direct supervision of a clinical instructor. This second of three affiliations meets three eight hour days per week for 10 weeks (total of 240 hours). The affiliation will try to be varied from the previous clinical experience and may be in one of the following settings: acute care, outpatient, rehabilitation, pediatrics, skilled nursing facility, neuro or orthopedic setting. Completion of an oral presentation, including educational supplemental materials, to the clinical staff members on a topic approved by the Academic Coordinator of Clinical Education (ACCE) and Clinical Instructor (CI) is required. Emphasis on utilizing the knowledge gained in current and previous PTA courses with safe demonstration of skills in the clinical setting. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available
www.elgin.edu/physicaltherapy (http://www.elgin.edu/physicaltherapy/)

SPECIAL NOTE: Explore the physical therapist assistant program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Physical Therapist Assistant (PTA) program. For more information please refer to elgin.edu/physicaltherapy (http://elgin.edu/physicaltherapy/).

In-District Tuition/Fees: $776 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in PTA 231 and PTA 232 and concurrent enrollment in PTA 242
Semester(s) Offered: Spring

PTA 241 Physical Therapist Assisting IV (5) 3,4
This course includes the theory and practice of skills needed in clinical practice as a PTA regarding interventions for patients needing amputation & prosthetic training, neurological deficits due to disease or trauma, common pediatric disorders, cardiac and pulmonary conditions. Other topics of study will include the psychosocial issues related to rehabilitation, environmental barriers and adaptive modifications, prescription wheel chair seating systems, a study of normal and abnormal motor development, neurotherapeutic rehabilitation techniques, and the effects of aging on functional movement across the lifespan. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available
www.elgin.edu/physicaltherapy (http://www.elgin.edu/physicaltherapy/)

SPECIAL NOTE: Explore the physical therapist assistant program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Physical Therapist Assistant (PTA) program. For more information please refer to elgin.edu/physicaltherapy (http://elgin.edu/physicaltherapy/).

In-District Tuition/Fees: $776 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in PTA 231 and PTA 232 and concurrent enrollment in PTA 242
Semester(s) Offered: Spring
PTA 242 Clinical Practicum III (5)  0,15
Supervised clinical practice in a physical therapy department or facility. Students will have the opportunity and be expected to apply skills and knowledge learned in all prior PTA classroom and clinical courses, including knowledge and skills concurrently taught in PTA 241. This third rotation is a full time, 40 hours per week, for six weeks clinical experience for a total of 240 clinical hours. Completion of an oral presentation, including educational supplemental materials, to the clinical staff member on a topic approved by the Academic Coordinator of Clinical Education (ACCE) and Clinical Instructor (CI) is required; as well as a project for the clinical site. Emphasis on utilizing the knowledge gained in the PTA program with demonstration of critical thinking and problem solving abilities related to the clinical setting expected. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

SPECIAL NOTE: Explore the physical therapist assistant program and come to an information session. For more details, go to

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Physical Therapist Assistant (PTA) program. For more information please refer to elgin.edu/physicaltherapy.

In-District Tuition/Fees: $594 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Concurrent enrollment in PTA 241
Semester(s) Offered: Spring

PTA 250 Physical Therapist Assistant Seminar (2)  2,0
Course explores current issues in Physical Therapy, including career options, professional organizations and governmental regulations. The role of the PTA as an integral member of the health care team is discussed. Students prepare for the physical therapist assistant licensing exam. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/physicaltherapy

SPECIAL NOTE: Explore the physical therapist assistant program and come to an information session. For more details, go to elgin.edu/visitecc

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Physical Therapist Assistant (PTA) program. For more information please refer to elgin.edu/physicaltherapy.

In-District Tuition/Fees: $386 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Concurrent enrollment in PTA 241 and PTA 242
Semester(s) Offered: Spring

Physics (PHY)

PHY 211 Engineering Physics I fulfills the physical sciences requirement and the lab science requirement for the Associate in Arts, Associate in Science, Associate in Fine Arts, and Associate in Engineering Science degrees.

PHY 101 General Physics I fulfills the physical science requirement and the lab science requirement for the AA, AS, and AFA degrees.
PHY 212 Engineering Physics II (5)  3,4  
Calculus-based study of electrostatics, Coulomb’s Law, electric fields, Gauss’ Law, electric potential, capacitance, current, resistance, DC circuits, magnetic fields, electromagnetic induction, AC circuits, Maxwell’s equations, electromagnetic waves, geometric optics and physical optics. (1.1) Proficiency Credit Available (2 LIT) Pass/No Credit Not Available.  
In-District Tuition/Fees: $730 (effective 2020/21 academic year)  
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)  
Prerequisite: Grade of C or better in PHY 211.  
Semester(s) Offered: Fall and Spring  

PHY 213 Engineering Physics III (5)  3,4  
Calculus-based study of temperature and heat, thermal properties of matter, thermodynamics, relativistic quantum mechanics, condensed matter, nuclear physics, particle physics and cosmology. (1.1) Proficiency Credit Available (2 LIT) Pass/No Credit Not Available.  
In-District Tuition/Fees: $730 (effective 2020/21 academic year)  
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)  
Prerequisite: Grade of C or better in PHY 212  
Semester(s) Offered: Fall and Spring  

PHY 215 Thermal Physics (3)  3,0  
Calculus based study of the First and second laws of thermodynamics including kinetic theory of gases, heat capacity, heat engines, introduction to entropy and statistical mechanicals, applications of free energy and the Boltzmann factor, sound and special relativity. (1.1) IAI Major: PHY 913 Proficiency Credit Not Available Pass/No Credit Not Available.  
In-District Tuition/Fees: $436 (effective 2020/21 academic year)  
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)  
Prerequisite: Grade of C or better in PHY 212.  
Semester(s) Offered: Summer  

PHY 216 Quantum Physics (2)  2,0  
Calculus-based study of atomic physics and quantum mechanics. Including waves, interference and diffraction, photons and matter waves, the Bohr atom, the uncertainty principle, and wave mechanics. (1.1) IAI Major: PHY 914 Proficiency Credit Not Available Pass/No Credit Not Available.  
In-District Tuition/Fees: $294 (effective 2020/21 academic year)  
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)  
Prerequisite: Grade of C or better in PHY 212  
Semester(s) Offered: Summer  

Political Science (POS)  
POS 140 Community and Civic Engagement (3)  3,0  
This course introduces students to concepts such as public service, community leadership, volunteering, activism, philanthropy, and charitable giving to provide contextual depth to their understanding of civic engagement, especially in the nonprofit sector. Students will gain insight about the roles nonprofit organizations play in contributing to a civil society while also learning some of the technical realities facing nonprofit organizations. Students will examine enduring societal challenges like hunger, poverty, homelessness, etc. that nonprofit organizations work to alleviate. (1.1) Proficiency Credit: Pass/No Credit: Not Available.  
In-District Tuition/Fees: $396 (effective 2020/21 academic year)  
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)  
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.  
Semester(s) Offered: Fall, Spring and Summer  

POS 141 Topics in Government (1-3)  1,0  
(1-3, 0) Designed to introduce the student to the complexities and challenges involved in a disciplined study of government. Each topical section will concentrate on an intensive study and investigation of a particular topic in political science. Repeatable to twelve credits. (1.1) Proficiency Credit Available (3 C) Pass/No Credit Not Available.  
In-District Tuition/Fees: $396 (effective 2020/21 academic year)  
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)  
Prerequisite: None  
Semester(s) Offered: Varies  

POS 150 Amer Government - National (3)  3,0  
Designed to introduce the beginning student to the problems of government with particular reference to the experience and practices of the United States. A study is made of the historical origin, the constitutional basis, the structure, powers and functions of the national government. (1.1) Fulfills the ECC/IAI General Education/Social Sciences requirement. IAI Course Number: SS 900 Proficiency Credit Available Pass/No Credit Not Available.  
In-District Tuition/Fees: $396 (effective 2020/21 academic year)  
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)  
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.  
Semester(s) Offered: Fall, Spring and Summer
POS 151 Amer Govt State Local (3)  3.0
Study of state, county and municipal government with emphasis on the structure and problems of government in Illinois. (1.1) Fulfills the ECC/IAI General Education/Social Sciences requirement. IAI Course Number: S5 902 Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.+
Semester(s) Offered: Fall

POS 152 Principles of Political Science (3)  3.0
This course offers an introduction to the principles, theories and methods of political science, focusing on the nature and development of political science as a discipline, political processes, political institutions and the interrelationships between elements in varied political systems. (1.1) Fulfills the ECC/IAI General Education/Social Sciences requirement. IAI Course Number: S5 903 Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.+
Semester(s) Offered: Fall and Spring

POS 219 Honors Seminar in Government (1)  1.0
A seminar which complements a particular government course designed to provide the opportunity for study of the course material in greater depth, more sophisticated inquiry or methodology and/or more penetrating research. Course is repeatable to three credits. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None Recommended: Honors status
Semester(s) Offered: Varies

POS 250 Comparative Political Systems (3)  3.0
Comparative study of European political systems with other countries in Asia, Africa and Latin America. Attention will be given to problems, institutions and political processes of the governments studied. (1.1) Fulfills the ECC/IAI General Education/Social Sciences requirement. IAI Course Number: S5 905 Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.+
Semester(s) Offered: Spring

POS 251 International Relations (3)  3.0
Examination of factors affecting international politics including imperialism, balance of power, sovereignty and international cooperation. Emphasis will be given to contemporary world problems and their historic development. Issues concerning gender, class, race and ethnicity will be analyzed with an international focus. (1.1) Fulfills the ECC/IAI General Education/Social Sciences requirement. IAI Course Number: S5 904 Proficiency Credit Available (3 C) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.+
Semester(s) Offered: Fall

POS 253 Non-Western Comparative Government (3)  3.0
This course offers a comparative examination of the political culture and systems of selected non-western countries, including political ideologies, common governmental problems, causes of political stability, instability and revolution and techniques of political analysis. (1.1) Fulfills the ECC/IAI General Education/Social Sciences requirement. IAI Course Number: S5 906N Proficiency Credit Available (2 ) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.+
Semester(s) Offered: Varies

POS 297 Independent Study in Government (1-3)  1.0
(1-3, 0) The student is to have identified a special study project and request advice and direction from the political science faculty. The program will be carried out under the direction of one or more faculty members who will modify the proposal in accordance with departmental requirements for the credit involved. Repeatable three times to 12 credits. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Consent of instructor
Semester(s) Offered: Fall, Spring and Summer

Psychology (PSY)

PSY 100 Intro to Psychology, PSY 212 Child Psychology, PSY 214 Adulthood and Aging, PSY 215 Social Psychology, and PSY 218 Human Growth and Development may be used to fulfill the behavioral sciences requirement for the Associate in Arts, Associate in Science, Associate in Fine Arts, and Associate in Engineering Science degrees.

All PSY courses numbered 100 and above may be used to fulfill the behavioral sciences requirement for the Associate in Liberal Studies and Associate of Applied Science degrees.

All PSY courses numbered 100 and above may also be applied to the major field and elective requirement for the AA and AS degrees.
PSY 100 Intro to Psychology (3)  
3,0
Introductory analysis of human behavior with emphasis on practical application of the basic principles of everyday situations. Areas covered include Introduction/Research, Methods/History of Psychology, Biology and Behavior, Learning, Memory, Motivation and Emotion, Personality Theory and Assessment, Psychological Disorders, Therapies, and Social Psychology. (1.1) Fulfills the ECC/IAI General Education/Behavioral Sciences requirement. IAI Course Number: S6 900 Proficiency Credit Available (3 C) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.
Semester(s) Offered: Fall, Spring and Summer

PSY 201 Experimental Psychology (3)  
1,4
A laboratory course to give students a basic understanding of the research behind the theories explored in PSY 100. Designed to give hands on experience with some of the equipment and issues involved when doing research with humans. Some of the topic areas covered are: learning and memory, visual perception, biofeedback, social psychology. For psychology majors or any student who found PSY 100 interesting and enjoys being active in the learning process. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $406 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in PSY 100 or consent of instructor
Semester(s) Offered: Varies

PSY 210 Personality (3)  
3,0
An introductory treatment of some of the major theories about the structure, dynamics and development of the human personality. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in PSY 100 or consent of instructor
Semester(s) Offered: Varies

PSY 211 Educational Psychology (3)  
3,0
This course concerns psychological principles underlying educational practice. Theories concerning cognitive and psychological development, human learning, and motivation are studied with emphasis on application for instruction, including assessment. Emphasis will also be placed on learner-centered instruction and diversity. (1.1) SPECIAL NOTE: A minimum 5-hour clinical component is required for this class. Students may be required to complete a background check/fingerprinting process in order to participate in the clinical. Students will be responsible for any fee charged. Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in PSY 212 or PSY 213
Semester(s) Offered: Fall

PSY 212 Child Psychology (3)  
3,0
Study of the many factors influencing the child's development from birth through adolescence. Particular attention is given to the role of the mother, father, family constellation and school. Basic problems of childhood and adolescence are investigated. (1.1) Fulfills the ECC/IAI General Education/Behavioral Sciences requirement. IAI Course Number: S6 903 Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in PSY 100 or consent of instructor
Semester(s) Offered: Fall and Summer

PSY 213 Psychology of Adolescence (3)  
3,0
Development in the biosocial, cognitive and psychosocial domains will be explored from pre-adolescence into early adulthood. Emphasis will be placed on discussion of key issues in adolescent development including cognitive and moral development, social relationships, identity, family and culture. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in PSY 100 or consent of instructor
Semester(s) Offered: Varies

PSY 214 Adulthood and Aging (3)  
3,0
Psychological development from early adulthood through old age. Emphasis will be placed on biological, cognitive, social and personality development across adulthood. (1.1) Fulfills the ECC/IAI General Education/Behavioral Sciences requirement. IAI Course Number: S6 905 Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in PSY 100 or consent of instructor
Semester(s) Offered: Varies

PSY 215 Social Psychology (3)  
3,0
The scientific study of social factors in individual and group behavior. Topics of investigation include the self, social perception, attraction, intimacy, social influence, attitudes, persuasion, altruism, aggression, group structures and group dynamics. (1.1) Fulfills the ECC/IAI General Education/Behavioral Sciences requirement. IAI Course Number: S8 900 Proficiency Credit Not Available Pass/No Credit Not Available NOTE: This course is offered concurrently as SOC 215. The student must decide whether to earn credits in Psychology (PSY) or Sociology (SOC) prior to enrolling.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade if C or better in PSY 100 or SOC 100 or consent of instructor
Semester(s) Offered: Fall and Spring
PSY 216 Abnormal Psychology (3) 3.0
An inquiry into the causes, assessment and treatment of abnormal behavior. Theories and research findings are studied with a focus on factors related to normal versus deviant patterns of behavioral development. Special emphasis will be placed on various life adjustments and their role in the prevention of maladaptive behaviors as stated in DSM IV-TR. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)(https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in PSY 100 or consent of instructor
Semester(s) Offered: Fall, Spring and Summer

PSY 218 Human Growth and Development (3) 3.0
Emphasizes normal social, emotional, intellectual and physical development from the prenatal period through old age. (1.1) Fulfills the ECC/IAI General Education/Behavioral Sciences requirement. IAI Course Number. S6 902 Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)(https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in PSY 100 or consent of instructor
Semester(s) Offered: Fall, Spring and Summer

PSY 220 Special Topics in Psychology (1-3) 1.0
(1-3, 0) Designed to satisfy specific needs or interest of degree programs, students, and the community. This course, however, would not necessarily be accepted by a senior institution as credit towards a major in psychology. The following guidelines are to be used in selecting topics: 1) adequate and available literature in psychology; 2) comprehensive outlines for each topic; and, 3) course should be designed to increase skill and knowledge in field of psychology. Repeatable: Two times for maximum six credits (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)(https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in PSY 100 and consent of instructor
Semester(s) Offered: Fall, Spring and Summer

PSY 221 Forensic Psychology (3) 3.0
A practical foundation in the major areas of forensic psychology, such as police psychology, criminal profiling, testimony gathering, risk assessment, competency assessment, trial consultation, victimology, and psychological factors affecting the decisions regarding the ultimate issue. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)(https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in PSY 100
Semester(s) Offered: Spring

PSY 225 Human Sexuality (3) 3.0
Study of social and psychological aspects of human sexuality. Includes sexual development, cultural influences, motivation and emotion, sex-role identification, values, and decision making. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available NOTE: This course is offered concurrently as SOC 225. The student must decide whether to earn credits in Sociology (SOC) or Psychology (PSY) prior to enrolling.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)(https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in SOC 100 or PSY 100
Semester(s) Offered: Fall

Public Safety Communications (PSC)

All PSC courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.

PSC 105 Public Safety Telecommunicator (6) 6.0
A basic course which includes the state training board’s recommended curriculum for 9-1-1 telecommunicators (dispatchers). (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $822 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)(https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring

PSC 206 Public Safety Answering Point (psap) (3) 3.0
The course pulls together all information for previous PSC courses and integrates it to teach the student the process necessary for information gathering, call processing and method(s), call prioritization, and the composition of standard radio phraseology in accordance with general industry guidelines. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $411 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)(https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in PSC 105, or consent of program director
Semester(s) Offered: Varies

PSC 207 Pub Saf Answering Point Application (2) 2.0
This course covers the application of knowledge and skills acquired through the PSC 9-1-1 program. The students will develop their skills in information gathering, call processing, call prioritization, radio phraseology and multi-tasking in a simulated 9-1-1 center using a Motorola CENTRACOM II radio console and associated equipment. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $279 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)(https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in PSC 105, or consent of program director
Semester(s) Offered: Varies
PSC 208 Emergency Medical Dispatch (3)  3.0
This course provides a comprehensive understanding of the relationship, structure, similarities, and the differences among the components of the Medical Priority Dispatch System (MPDS). It provides a generalist view of various response modes based on availability of resources within the community being served. Topics will include the history, philosophy, and content of the emergency medical dispatch function, the relationship regarding response protocols with law enforcement, fire services and emergency medical services, and it includes the psychological and medico-legal elements, and the medical priority rationale in dispatch protocols. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $411 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in PSC 206 and PSC 207 or consent of program director; can concurrently enrollment in PSC 209
Semester(s) Offered: Varies

PSC 209 Pub Saf Answering Point Practicum (3)  1,10
This course allows the student to experience the day to day activity of a public safety agency. The agency may be a public (9-1-1 center) agency or a related industry in the private sector. This experience includes rotating shifts and gaining experience in a live environment. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $411 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in PSC 206 and PSC 207 and PSC 208 or consent of program director; can concurrently enroll in PSC 208. Must pass a criminal background check by the interning agency and any other requirement of the interning agency
Semester(s) Offered: Varies

PSC 210 Telecommunications Systems and Tech (3)  3.0
This course covers the basic theory of telecommunications equipment and associated systems that are currently being used in the public safety industry and the rules and regulations that determine the operation of that equipment. The rules of entry, modification, cancellation and location procedures for Illinois’ Criminal Justice Data Network will be covered. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in PSC 105 or consent of program director
Semester(s) Offered: Varies

PSC 211 Career Management (2)  2.0
This course offers a highly individualized approach to developing career management skills. Students will create resumes, write cover letters, thank you letters, complete job application forms and participate in an employment interview. Consideration will also be given to critical attitudes needed for career success. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Varies

PSC 212 Legal Aspects/Pub Saf Communications (2)  2.0
This course covers the legal issues surrounding the 9-1-1 industry which includes terminology, legal processes, Tort liability, Illinois Data Practices Act, and safeguards to minimize vicarious liability for both the employee and the agency and work effectively with officers of the court. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Summer

PSC 235 Issues in Pub Saf Communications (.5-3)  5.0
(.5-3, 0) Discussion and analysis of specific topics related to 9-1-1 dispatch centers. Focus of the class will be on day to day issues of telecommunications in the public safety sector and the interaction with the police, courts, fire, corrections, or private security in contemporary American society. Emphasis is on promoting dialogue between students and practitioners from different areas of the criminal justice system and public safety communications systems. Topics will vary. Course is repeatable a total of four times up to 12 credits. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $66 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in PSC 105 or consent of program director
Semester(s) Offered: Varies

Radiography (RAD)

All RAD courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.

SPECIAL NOTE: Explore the Radiography Program and come to an information session. For more details, go to elgin.edu/visitecc (https://elgin.edu/about-ecc/visiting-campus/).

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) Program. For more information, please refer to elgin.edu/radiography (https://elgin.edu/academics/departments/medical-imaging/).
RAD 101 Introduction to Radiography (1)  0,3
This course introduces the student to Medical Imaging as it relates to the healthcare industry, and Radiologic technology as a profession. It includes an introduction to the healthcare delivery system, outlines the structure of the health system and roles of various departments and health professionals. Other topics include: the history of the profession, an introduction to the various professional organizations, quality customer service, an introduction to medical ethics and law with an emphasis on confidentiality and HIPAA regulations and basic radiation safety. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available
www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Acceptance into the Radiography Program
Semester(s) Offered: Summer

RAD 102 Methods of Patient Care (2)  1,3
This course provides the student with the basic concepts of patient care, including consideration for the physical, developmental and psychological needs of the patient and family. The course covers routine and emergency patient care procedures including: basic EKG, infection control, patient assessment, patient education, venipuncture and contrast injection, introduction to pharmacology, and interacting with the terminally ill. The course includes clinical demonstration of patient care skills. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available
www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $352 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Acceptance into the Radiography Program
Semester(s) Offered: Summer

RAD 103 Radiographic Imaging I (3)  2,2
This course is the first in a series of three radiographic imaging courses. It provides the student with an understanding of the components, principles and operation of various medical imaging systems. Factors that impact image acquisition, processing, display, archiving and retrieval are discussed. This course includes demonstrations and laboratory activities to reinforce concepts. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available
www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $484 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in RAD 101 and RAD 102
Semester(s) Offered: Fall

RAD 104 Radiographic Procedures I (4)  3,3
This course provides instruction in radiographic positions and procedures, including demonstrations, and presentation of radiographic images of the human body. The student learns the routine examinations and selected non-routine radiographic examinations of the following body segments: chest, abdomen, upper extremity, lower extremity and pelvis. The curriculum integrates the Radiographic Procedures I course and the Radiography Clinical Practicum I course to promote student’s clinical competence in all assigned rotations as well as a thorough knowledge of related anatomy and positioning theory and concepts. It also integrates clinical applications of radiation protection and technique selection. This course includes laboratory experiences, which provide students opportunity for simulated practice. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available
www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $616 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in RAD 101 and RAD 102, and must be concurrently enrolled in BIO 246 or its equivalent from another accredited institution within the past 5 years.
Semester(s) Offered: Fall
RAD 106 Radiographic Procedures II (4) 3,3
This course is a continuation of Radiographic Procedures I, and provides instruction in radiographic positions and procedures, including demonstrations, and presentation of radiographic images of the human body. The student learns all routine and selected non-routine procedures of the: bony thorax, spine, fluoroscopy, mobile radiography and surgery, cranium, facial bones and sinuses. The course includes laboratory experience, which provide students opportunity for simulated practice and is integrated with the Radiography Clinical Practicum II course. Following completion of Procedures II, the student is able to perform all routine radiographic examinations. The student must integrate concepts from radiation protection and exposure technique to produce optimal quality diagnostic radiographs with minimal radiation exposure to the patient. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $484 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in RAD 103
Semester(s) Offered: Spring

RAD 105 Radiographic Imaging II (3) 2,2
This course is a continuation of Radiographic Imaging I and builds on the fundamental concepts presented in that course. It is designed to develop the student’s understanding of the properties of a radiographic image and the factors that control and influence image quality. Concepts of technical factor selection are covered with an emphasis on their impact on image quality and patient exposure. This course includes demonstrations and laboratory activities to reinforce concepts and enhance student learning. Problem solving and critical thinking skills will be emphasized in technique formulation and exposure calculations. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $484 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in RAD 101 and RAD 102
Recommended: CHM 101 or CHM 112
Semester(s) Offered: Spring

RAD 107 Radiologic Physics (2) 1,3
This course reviews the concepts of atomic structure and electromagnetism, and study of radiation -- its nature, production and medical applications. Covered topics include: the electromagnetic spectrum, radioactivity and half life, x-ray production and characteristics, the effects of technique selection on beam quality and quantity, the interaction of radiation with matter, and the circuitry and design of radiographic equipment. The course emphasizes clinical applications of physics concepts in the safe operation of high voltage radiographic equipment. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in RAD 103, RAD 104, and RAD 124
Recommended: CHM 101 or CHM 112
Semester(s) Offered: Fall
RAD 134 Radiography Clinical Practicum II (3) 0,15
This course is a continuation of Radiography Clinical Practicum I. Structured, sequential, competency-based clinical assignments enable the student to progress through a series of clinical rotations which reinforce concepts that are introduced in Procedures I and II. Opportunities are provided for observation, assistance and participation in radiographic procedures with an emphasis on the actual performance of exams. Students will complete 255 hours of clinical experience under direct/indirect supervision of a radiographer as appropriate. The student will continue attaining, maintaining and documenting competency in a variety of procedures. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiograpy (http://elgin.edu/radiography/).

In-District Tuition/Fees: $484 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Grade of C or better in RAD 103, RAD 104 and RAD 124
Semester(s) Offered: Spring

RAD 208 Radiographic Procedures III (2) 1,3
This course covers the advanced radiographic, fluoroscopic and invasive procedures, emphasizing patient care, procedural protocol, and equipment and accessories used. This course covers the following topic areas: trauma radiography, pediatric and geriatric radiography and special procedures (e.g. Myelography, Arthrography, ERCR Bronchoscopy etc.). The course includes laboratory experience, which provide students opportunity for simulated practice and is integrated with the Radiography Clinical Practicum III course. Following completion of Procedures III, the student is able to perform all routine and special radiographic examinations. The student must integrate concepts from radiation protection and exposure technique to produce optimal quality diagnostic radiographs with minimal radiation exposure to the patient. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiograpy (http://elgin.edu/radiography/).

In-District Tuition/Fees: $352 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Grade of C or better in RAD 105, RAD 106, RAD 107, and RAD 134
Semester(s) Offered: Summer

RAD 209 Radiobiology & Radiation Protection (2) 1,2
The radiation biology segment of this course provides an overview of the principles of the interaction of radiation with living systems. The course presents the effects of irradiation of biological molecules and organisms, and the factors affecting biological response. Covered topics include: early and late effects of radiation exposure, epidemiological studies of radiation effects, and the acute radiation syndromes. The radiation protection segment of this course provides the student with an overview of the principles and practices of radiation protection. The course emphasizes the responsibility of the radiologic sciences professional in providing radiation protection to the patient, personnel and the public. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiograpy (http://elgin.edu/radiography/).

In-District Tuition/Fees: $352 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Grade of C or better in RAD 105
Semester(s) Offered: Fall
**RAD 212 Radiographic Pathology (2)  2.0**
This course presents a body system approach to the demonstration of human diseases through medical imaging. The course emphasizes adaptations of routine positioning and radiographic technique to best demonstrate pathology and maximize diagnostic quality. Covered topics include patient care considerations relative to disease processes. Discussions include which imaging method or modality will best demonstrate each pathological condition. The course includes review of radiographs and films from Computed Tomography, Ultrasound, Magnetic Resonance, Mammography, Special Procedures and Nuclear Medicine. Systems covered include the respiratory, skeletal, gastrointestinal, urinary, cardiovascular, nervous, hematopoetic system, endocrine, reproductive, and miscellaneous disorders. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in RAD 209, RAD 208, and RAD 242.

Semester(s) Offered: Fall

**RAD 220 Pharmacology (2)  2.0**
This course explores the role of the radiographer in the administration of contrast media and related medications. Covered topics include: the radiographer scope of practice, legal implications, pharmacology overview, drug measurements and dose calculations, contrast media, preventive care and emergency response to contrast media reactions, imaging pharmaceutical compatibility, select drug administration techniques, and documentation requirements. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $352 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in RAD 212, RAD 211, and RAD 256

Recommended: CHM 101 or CHM 112

Semester(s) Offered: Spring

**RAD 230 Medical Ethics and Law (2)  2.0**
This course provides the student with an understanding of the parameters of professional practice and the legal and ethical responsibilities of the radiologic sciences professional. Covered topics include: elements of ethical behavior, ethical issues and dilemmas in health care, interacting with the terminally ill patient, the scope of practice of radiologic sciences professionals, sources of law, elements of malpractice, employment issues, and litigation. The course emphasizes the student’s ability to apply concepts of ethics and law in the development of professional attributes. Course requirements include leading class discussions of issues and case studies. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography (http://elgin.edu/radiography/).

In-District Tuition/Fees: $220 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in RAD 212, RAD 211 and RAD 256

Semester(s) Offered: Spring
RAD 242 Radiography Clinical Practicum III (2) 0,10
This course is a continuation of Radiography Clinical Practicum II. Structured, sequential, competency-based clinical assignments enable the student to progress through a series of clinical rotations which reinforce concepts that are introduced in Procedures I-III. Opportunities are provided for observation, assistance and participation in radiographic procedures with an emphasis on the actual performance of exams. Students will complete 425 hours of clinical experience under direct/ indirect supervision of a radiographer as appropriate. The student will continue attaining, maintaining and documenting competency in a variety of procedures.(1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography.

In-District Tuition/Fees: $352 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in RAD 105, RAD 106, RAD 107 and RAD 134

Semester(s) Offered: Summer

RAD 256 Radiography Clinical Practicum IV (5) 0,25
This course is a continuation of Radiography Clinical Practicum III. Opportunities are provided for the continued development of clinical competency and professional development. Emphasis is placed on application of concepts in the actual performance of procedures for both speed and accuracy. Students will complete 425 hours of clinical experience under direct/indirect supervision of a radiographer as appropriate. The student will continue attaining, maintaining and documenting competency in a variety of procedures. Students are also provided an opportunity to observe in some of the advanced imaging modality departments.(1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography.

In-District Tuition/Fees: $748 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in RAD 212, RAD 211 and RAD 256

Semester(s) Offered: Spring

RAD 261 Radiographic Image Evaluation (1) 0,2
This course provides an opportunity for students to apply a systematic approach for evaluating radiographic images to determine diagnostic quality. Students will develop a high degree of radiographic problem-solving ability by correlating technical and positioning procedures with image analysis guidelines for common projections, non-routine situations or when suboptimal images are obtained.(1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography

In-District Tuition/Fees: $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in RAD 256

Semester(s) Offered: Spring

RAD 266 Radiography Clinical Practicum V (5) 0,25
This course is a continuation of Radiography Clinical Practicum IV and provides opportunity for final student learning outcomes assessment. Clinical requirements include successful completion of final clinical competencies in all major areas of radiography including critical thinking and problem-solving. Successful completion of final competencies is a program graduation requirement. Emphasis in this course is on continued professional development and proficient and independent performance of all radiographic procedures, with opportunity for continued exploration of selected advanced imaging modalities.(1.2) Proficiency Credit Not Available Pass/No Credit Not Available

www.elgin.edu/radiography (http://www.elgin.edu/radiography/)

SPECIAL NOTE: Explore the radiography program and come to an information session. For more details, go to elgin.edu/visitecc (http://elgin.edu/visitecc/)

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Radiography (RAD) program. For more information please refer to elgin.edu/radiography

In-District Tuition/Fees: $748 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in RAD 212, RAD 211 and RAD 256

Semester(s) Offered: Spring

Reading (RDG)

College-Level Reading Courses

RDG 110 Learning Strategies for College Text may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees. This course can only be counted once toward GPA and graduation.
Developmental Reading Courses

Developmental courses are numbered below 100. Developmental courses do not transfer and cannot be used to fulfill the requirements of any associate degree; however, students must complete these courses in order to enroll in most college-level courses.

Students are placed into a developmental course based on the results of the reading placement test (for more information visit www.elgin.edu/testing/). Once a student enrolls in his/her first developmental course, he/she must complete the sequence to meet minimum competencies for college-level courses. Students who perform very well in their developmental courses may request approval from the instructor to re-take the placement test.

The recommended course options for students placing into the two levels of developmental reading are listed below. Students should make course selections in consultation with an academic advisor:

1. Placement into RDG 090 Fundamentals of College Reading Literacy
   - Students are encouraged to register for LCT 099 College Literacy as this course integrates reading and writing skills, thus preparing students for college courses in only one semester.

2. Placement into RDG 091 Advanced Academic Reading & Inquiry
   - Students who have only a reading developmental placement will take this course. If students also have an ENG 098 placement, they are encouraged to also enroll in the Accelerated Learning Program (ALP) in which they enroll in ENG 098 Developmental Composition along with ENG 101 English Composition I in the same semester, with the same instructor.

RDG 090 Fundamentals of College Reading Literacy (3)  3.0
In this course, students will begin to develop strategies to strengthen comprehension, vocabulary, and strategic thinking. This is the first semester of a two-course sequence to prepare students to use college-level literacy approaches to meet demands of increasingly complex texts. Repeatable to 12 credits. (1.4) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $411 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Appropriate placement score
Semester(s) Offered: Fall, Spring and Summer

RDG 091 Advanced Academic Reading & Inquiry (3)  3.0
In this course, students will use college-level reading literacy approaches to meet the demands of increasingly complex college texts. This is the second semester of a two-course sequence to develop students to successfully read complex disciplinary texts. Repeatable to 12 credits. (1.4) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $411 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in RDG 090 or appropriate placement score
Semester(s) Offered: Fall, Spring and Summer

RDG 110 Learning Strategies for College Text (3)  3.0
Reading 110 offers a student instruction in improving comprehension by developing efficient study skill strategies in note-taking, test-taking, textbook marking, goal setting, time management skills, memory techniques, effective listening as well as study systems and vocabulary development. The student will develop the skills necessary to be successful in college level reading. Repeatable to 12 credits. (1.1) Proficiency Credit Not Available Pass/No Credit Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.

Semester(s) Offered:Varies

Russian (RSN)

All RSN courses numbered 100 and above may be used to fulfill the liberal education requirement for the Associate of Applied Science Degree.

All RSN courses numbered 100 and above may also be applied to the major field and elective requirement for the AA and AS Degrees.

RSN 101 Elementary Russian and RSN 102 Elementary Russian II require that students contact the language coordinator in order to gain proficiency credits.

RSN 101 Elementary Russian (4)  4.0
Designed to give the student a foundation in the grammatical structure of the language with special emphasis on the alphabet, pronunciation, listening practice and reading of simple phrases. (1.1) Proficiency Credit Available (2 EIT) Pass/No Credit Not Available.

In-District Tuition/Fees: $528 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: None
Semester(s) Offered:Varies

RSN 102 Elementary Russian II (4)  4.0
Designed to give the student a foundation in the grammatical structure of the language with special emphasis on the alphabet, pronunciation, listening practice and reading of simple phrases. (1.1) Proficiency Credit Available (2 EIT) Pass/No Credit Not Available.

In-District Tuition/Fees: $528 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better in RSN 101
Semester(s) Offered:Varies

Sociology (SOC)

SOC 100 Principles of Sociology, SOC 201 Social Problems, SOC 209 Racial and Ethnic Relations, SOC 210 Marriage and Family, SOC 215 Social Psychology, and SOC 220 Gender Roles and Social Change may be used to fulfill the behavioral sciences requirement for the Associate in Arts, Associate in Science, Associate in Fine Arts, and Associate in Engineering Science degrees.
All SOC courses numbered 100 and above may be applied to the major field and elective requirement for the AA and AS degrees.

All SOC courses numbered 100 and above may be used to fulfill the behavioral sciences requirements for the Associate in Liberal Studies and Associate of Applied Science degrees.

**SOC 100 Principles of Sociology (3)**  3,0  
This course examines human society and the complex relationships that exist between individuals, groups and institutions. The course will be facilitated by focusing on methods and theories used in analyzing and understanding changes taking place in contemporary society. (1.1) Fulfills the ECC/IAI General Education/Behavioral Sciences requirement. IAI Course Number: S7 900 Proficiency Credit Available Pass/No Credit Not Available.

**In-District Tuition/Fees:** $396 (effective 2020/21 academic year)  
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

**Prerequisite:** Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.+

**Semester(s) Offered:** Fall, Spring and Summer

**SOC 101 Introduction to Family Violence (3)**  3,0  
This course will examine the issues of family violence from the various perspectives of children, spouses, and the elderly. The course will focus on the dynamics, signs and symptoms, prevention and possible interventions for each age group. Students will examine physical abuse and neglect, sexual abuse and harassment, emotional abuse and exploitation. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.

**In-District Tuition/Fees:** $396 (effective 2020/21 academic year)  
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

**Prerequisite:** None

**Semester(s) Offered:** Spring

**SOC 209 Racial and Ethnic Relations (3)**  3,0  
Study of the past and current racial and ethnic diversity of American society, and its implications and consequences for the various groups studied, and the entire society. The course will examine the roles and status of American ethnic groups originating in European and non-European areas but will focus primarily on the non-European. Examining race as a social, political, economic and historical construction, the course will examine the inter-generational and lasting impacts of ethnocentrism, and individual and institutional social structures. (1.1) Fulfills the ECC/IAI General Education/Behavioral Sciences requirement. IAI Course Number: S7 903D Proficiency Credit Not Available Pass/No Credit Not Available.

**In-District Tuition/Fees:** $396 (effective 2020/21 academic year)  
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

**Prerequisite:** Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.+  
**Semester(s) Offered:** Fall and Spring

**SOC 210 Marriage and Family (3)**  3,0  
A sociological analysis of the family and its forms and functions. The course analyzes marital practices and family structures in a variety of cultural settings, and may investigate the extent to which societal customs and mores affect the individual’s conceptualization of these areas. (1.1) Fulfills the ECC/IAI General Education/Behavioral Sciences requirement. IAI Course Number: S7 902 Proficiency Credit Not Available Pass/No Credit Not Available.

**In-District Tuition/Fees:** $396 (effective 2020/21 academic year)  
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

**Prerequisite:** Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.+  
**Recommended:** SOC 100  
**Semester(s) Offered:** Fall, Spring and Summer

**SOC 215 Social Psychology (3)**  3,0  
The scientific study of social factors in individual and group behavior. Topics of investigation include the self, social perception, attraction, intimacy, social influence, attitudes, persuasion, altruism, aggression, group structures and group dynamics. (1.1) Fulfills the ECC/IAI General Education/Behavioral Sciences requirement. IAI Course Number: S8 900 Proficiency Credit Not Available Pass/No Credit Not Available NOTE: This course is offered concurrently as PSY 215. The student must decide whether to earn credits in Sociology (SOC) or Psychology (PSY) prior to enrolling.

**In-District Tuition/Fees:** $396 (effective 2020/21 academic year)  
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

**Prerequisite:** Grade of C or better in PSY 100 or SOC 100 or consent of instructor

**Semester(s) Offered:** Spring
SOC 220 Gender Roles and Social Change (3)  3.0
The study of gender roles and inequality in the context of a changing world: examination of the causes, behavioral effects, behavioral prescriptions, as well as forms of change in a variety of social and institutional contexts. (1.1) Fulfills the ECC/IAI General Education/Behavioral Sciences requirement. IAI Course Number: S7 904D
Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 099 or LTC 099 or satisfaction of other placement criteria. Other: SOC 100 or consent of instructor.+
Semester(s) Offered: Spring

SOC 225 Human Sexuality (3)  3.0
Study of social and psychological aspects of human sexuality. Includes sexual development, cultural influences, motivation and emotion, sex-role identification, values, and decision making. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available NOTE: This course is offered concurrently as PSY 225. The student must decide whether to earn credits in Sociology (SOC) or Psychology (PSY) prior to enrolling.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in SOC 100 or PSY 100
Semester(s) Offered: Fall

SOC 230 Criminology (3)  3.0
Nature of adult and juvenile crime with historic and conventional theories of causation. Interrelationship of punishment to solution and correction. A thorough study is made of the classes of crime, types of criminals, and procedures utilized in rehabilitating criminals. The various measures employed in deterring crime are also an integral part of this course. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available NOTE: This course is offered concurrently as CRJ 230. The student must decide whether to earn credits in Sociology (SOC) or Criminal Justice (CRJ) prior to enrolling.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None Recommended: SOC 100
Semester(s) Offered: Fall and Spring

Spanish (SPN)
SPN 101 Elementary Spanish I, SPN 102 Elementary Spanish II, SPN 201 Intermediate Spanish I, and SPN 202 Intermediate Spanish II require that students contact the Spanish coordinator in order to gain proficiency credits.

SPN 202 Intermediate Spanish II may be used to fulfill the humanities requirement for the Associate in Arts, Associate in Science, Associate in Fine Arts, and Associate in Engineering Science degrees.

All SPN courses numbered 100 and above may be used to fulfill the liberal education requirement for the Associate of Applied Science degree.

SPN 101 Elementary Spanish I (4)  4.0
Designed for students who have had no previous background in Spanish. Includes essentials of grammar, pronunciation, practice in sentence structure, elementary composition and conversation. Emphasis placed on the acquisition of the following skills: listening, speaking, reading and writing. (1.1) Proficiency Credit Available (2 HICT) Pass/No Credit Available.
In-District Tuition/Fees: $528 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None.Students who are native speakers or who have previous knowledge of the language, are strongly encouraged to take placement testing in the Testing Center. Students may apply to receive (proficiency) credit for each course for which they demonstrate mastery through placement testing.
Semester(s) Offered: Fall, Spring and Summer

SPN 102 Elementary Spanish II (4)  4.0
Continuation of SPN 101 Elementary Spanish. Proficiency Credit Available (2 HICT) Pass/No Credit Available.
In-District Tuition/Fees: $528 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in SPN 101; one year of H.S. Spanish with grade of C or better; one semester of Spanish in college with a grade of C or better; or placement. (1.1)
Semester(s) Offered: Fall, Spring and Summer

SPN 171 Basic Spanish: Medical Personnel I (3)  3.0
Includes essentials of grammar, pronunciation, practice in sentence structure, elementary composition and conversation. Emphasis placed on the acquisition of the following skills: listening, speaking, reading and writing. (1.1) Proficiency Credit Available (2 HICT) Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None Recommended: Students interested in additional general grammar instruction may concurrently enroll in SPN 101 or higher
Semester(s) Offered: Varies

SPN 172 Basic Spanish: Medical Personnel II (3)  3.0
Continuation of SPN 101 Elementary Spanish. Proficiency Credit Available (2 HICT) Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in SPN 101 or SPN 171 Recommended:
Semester(s) Offered: Varies

All SPN courses numbered 100 and above may be applied to the major field and elective requirement for the AA and AS degrees.
SPN 201 Intermediate Spanish I (4)  4,0
Includes grammar review from SPN 101 and 102. Specifically focuses on more complex grammatical concepts, composition, vocabulary building and practice in conversation. Supplementary intermediate level material may be read in class or as outside assignments. (1.1) Proficiency Credit Available (2 HICT) Pass/No Credit Available.
In-District Tuition/Fees: $528 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in SPN 102; two years of H.S. Spanish with grade of C or better; two semesters of Spanish in college with a grade of C or better; or placement.
Semester(s) Offered: Fall, Spring and Summer

SPN 202 Intermediate Spanish II (4)  4.0
Course begins with brief SPN 201 grammar review. Additional activities focus on studying and applying increasingly complex grammatical concepts and vocabulary. Supplementary intermediate level material may be read, listened to or watched in class or as outside assignments. (1.1) Fulfills the ECC/IAI General Education/Humanities requirement. IAI Course Number: H1 900 Proficiency Credit Available (2 HICT) Pass/No Credit Available.
In-District Tuition/Fees: $528 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Prerequisite:Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria. Other: Grade of C or better in SPN 201; three years of H.S. Spanish with grade of C or better; three semesters of Spanish in college with a grade of C or better; or placement.
Semester(s) Offered: Fall, Spring and Summer

SPN 211 Conversational Spanish I (3)  3,0
Strictly a conversational course that allows students to apply principles learned in SPN 101 and 102. Students develop confidence in speaking as they interact with each other and with instructor in Spanish. Guidance is provided for topics of discussion, appropriate vocabulary and structure, but explanations, when necessary, are kept to a minimum. This course is a booster for the basic language skills. (1.1) Proficiency Credit Not Available Pass/No Credit Available NOTE: This course is not a substitute for SPN 201 and 202 which are required for Foreign Language majors.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in SPN 102; two years of H.S. Spanish with grade of C or better; two semesters of Spanish in college with a grade of C or better; or placement.
Semester(s) Offered: Varies

SPN 212 Conversational Spanish II (3)  3,0
Students aim at becoming more fluent speakers, as all conversations in class will be in Spanish. Specifically assigned discussion topics focus on expanding vocabulary use and gaining confidence in the application of grammatical principles. (1.1) Proficiency Credit Not Available Pass/No Credit Available NOTE: This course is not a substitute for SPN 201 and 202, which Foreign Language majors must take to complete requirements.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in SPN 211; or grade C or better in SPN 201; or three years of H.S. Spanish with grade of C or better; or three semesters of Spanish in college with a grade of C or better; or placement.
Semester(s) Offered: Varies

SPN 241 Spanish for Teachers I (3)  3,0
Teaches the basic Spanish communication skills and grammar necessary to provide instruction to monolingual and bilingual Hispanic students and to carry out other protocols in a variety of educational settings. Discussions cover cultural issues pertinent to the relationships between non-Hispanic teachers, administrators and other school personnel and Hispanic students, parents and community members. (1.1) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None Recommended: Students interested in additional general grammar instruction may concurrently enroll in SPN 101 or higher
Semester(s) Offered: Varies

SPN 242 Spanish for Teachers II (3)  3,0
Continuation of Spanish for Teachers I, with emphasis on more advanced speaking and writing communication skills. (1.1) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in SPN 101; or grade of C or better in SPN 241. Recommended: Students interested in additional general grammar instruction may concurrently enroll in SPN 102 or higher.
Semester(s) Offered: Varies
SPN 251 Spanish for Spanish Speakers I (4)  4,0
This class is designed for students who speak Spanish at home but have not had any or little formal education in the Spanish language. The goal of the course is to enhance the student's knowledge of his/her native language and culture by exploring the nuances of the Spanish language in a variety of contexts, with emphasis on speaking, reading, writing, vocabulary, and correct spelling and accentuation. The course will be taught mostly in Spanish and will replace SPN 101 for native and near native speakers. (1.1) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $528 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)(https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None Recommended: Students interested in additional conversation and composition instruction may concurrently enroll in SPN 261.
Semester(s) Offered: Varies

SPN 252 Spanish for Spanish Speakers II (4)  4,0
Continuation of Spanish for Spanish Speakers I, with emphasis on more advanced writing communication skills. (1.1) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $528 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)(https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in SPN 251 Recommended: Students interested in additional conversation and composition instruction may concurrently enroll in SPN 261 or higher.
Semester(s) Offered: Varies

SPN 261 Spanish Conversation Composition (3)  3,0
Intensive work aimed at developing speaking and writing skills. Considerable attention paid to spontaneous conversation styles and precise composition work. The enhancement of comprehension skills is supported through the use of audio and video tapes and films. (1.1) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)(https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in SPN 202; or four years of H.S. Spanish with grade of C or better; or four semesters of Spanish in college with a grade of C or better; or placement.
Semester(s) Offered: Varies

SPN 262 Advanced Spanish Composition Conv (3)  3,0
Continuation of SPN 201, Spanish Conversation and Composition, with emphasis on compositions based on literary works of Latin American authors, current newspapers and periodicals. (1.1) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)(https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in SPN 261; or five semesters of Spanish in college with a grade of C or better; or placement.
Semester(s) Offered: Varies

SPN 271 Latin American Civilization (3)  3,0
-Taught in Spanish- A class designed to give the students a general understanding of the historic, social and cultural contributions of Latin-American countries to the world, from pre-Columbian times to the present. The last part of the class will explore the establishment and evolution of different Latinx communities in the U.S. Students will analyze a wide variety of sources such as press articles, historic and literary documents, images, documentaries and movies. (1.1) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)(https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria. Other: Grade C or better in SPN 202; or Four years of H. S. Spanish with a grade of C or better; or Three semesters of Spanish in college with a grade of C or better; or placement.
Semester(s) Offered: Varies

SPN 275 Introduction to Spanish Literature (3)  3,0
-Taught in Spanish- Provides an introduction to representative literary texts from the Spanish-speaking world within their historical context. Includes an introduction to historical and cultural processes that defined the literary production of that period as well as a methodology to read, interpret and analyze those texts through literary analysis. The genres explored are: narrative, drama, poetry, and short story. (1.1) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)(https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria. Other: Grade C or better in SPN 202; or Four years of H. S. Spanish with a grade of C or better; or Three semesters of Spanish in college with a grade of C or better; or placement.
Semester(s) Offered: Varies

SPN 281 Topics in Spanish (3)  3,0
This course will focus on a topic of interest from the Spanish and Latin American culture and civilization in Spain, Latin America and the United States, or on a specific field of study within the confines of the language (e.g. public safety, law enforcement, business, etc.) The goal is to increase the student's understanding and appreciation of the particular topic. Course is repeatable to 12 credits.(1.1) Proficiency Credit Not Available Pass/No Credit Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)(https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: SPN 202 or SPN 212 or SPN 261 or SPN 262 or concurrent enrollment in SPN 212 or SPN 261 or SPN 262 or consent of instructor
Semester(s) Offered: Varies
Substance Abuse Counsel/Prevention (SUB)

All HSG, HUS, and SUB courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.

SUB 106 Experiential Learning in Human Svcs (1-3) 1,0
(1-3, 0) This course is designed to promote growth and development as a professional in the area of Human Services that the student is studying. The student will participate in a variety of workshops, conferences, meetings, and/or service-learning opportunities as agreed upon by the instructor and the student. Verification and reflection of learning will be assessed by the instructor. This course will be taught as an independent study. This course is repeatable three times up to 3 credits. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available NOTE: This course is offered concurrently as HSG 106. The student must decide whether to earn credits in Human Service (HUS) or Substance Abuse (SUB) prior to enrolling.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Effective Summer 2018: Consent of instructor Prerequisite through Spring 2018: None

Semester(s) Offered: Fall and Spring

SUB 122 Basic Substance Abuse Pharmacology (3) 3,0
This course will address the impact that substances of abuse have on the neurological functioning of the human organism; the impact of substances of abuse on other organ systems; the effect of substance use and addiction on behavioral functioning and human development; the physical process of addiction and recovery; the impact neurological and physical dysfunctions have on assessment and treatment planning; and the history of classifications of substances of abuse. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: None

Semester(s) Offered: Fall and Spring

SUB 125 Special Populations (3) 3,0
This course will address special populations in substance abuse and mental health treatment. Special populations will be identified and issues regarding addiction and mental health; engagement strategies; treatment planning; and client and community education strategies will be discussed. Methods to gain cultural competence and to become a lifelong learner will be addressed. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available NOTE: This course is offered concurrently as HSG 125. The student must decide whether to earn credits in Substance Abuse Counseling (SUB) or Human Services Generalist (HSG) prior to enrolling.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: None

Semester(s) Offered: Fall and Spring

SUB 201 Field Experience I and Seminar (4) 0,15
Training is a supervised opportunity for the student to have first-hand experience in an institutional setting that meets his/her area of interest. In this setting, it is expected that the student will develop proficiency and display the skills required to perform adequately on-the-job. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $528 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Grade of C or better in HUS 102, HUS 200, HUS 205, SUB 122, SUB 151, SUB 215 or consent of instructor

Semester(s) Offered: Fall, Spring and Summer

SUB 202 Field Experience II and Seminar (4) 0,15
Training is a supervised opportunity for the student to have firsthand experience in an institutional setting that meets his/her area of interest. In this setting, it is expected that the student will develop proficiency and display the skills required to perform adequately on the job. (1.2) NOTE: Two hundred and forty (240) hours of field work is required as well as weekly class sessions with the instructor. Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $528 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: Grade of C or better in SUB 201

Semester(s) Offered: Fall, Spring and Summer

SUB 215 Basic Substance Abuse & Treatment (3) 3,0
This course will introduce the student to the nature and extent of substance abuse. Clinical manifestations and methods of treatment will be discussed. Concepts and resources in helping the substance abuser and his/her social environment will be included. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available NOTE: This course is offered concurrently as HSG 215. The student must decide whether to earn credits in Substance Abuse Counseling (SUB) or Human Services (HSG) prior to enrolling.

In-District Tuition/Fees: $528 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)

Prerequisite: None

Semester(s) Offered: Fall and Spring

Surgical Technology (SGT)

All SGT courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.
SGT 100 Sterile Processing and Distribution (5)  6.5,19.5
This course introduces students to the decontamination, processing, sterilization, and distribution of surgical instrumentation and supplies. Classroom and clinical practice include instruction in aseptic techniques, patient care concepts, theories and practices of sterile processing departments, as well as professionalism and ethical behavior in healthcare. Successful completion offers eligibility to take the National Board of Surgical Technology (NBSTSA) Sterile Processing Technician (CST) Exam. (1.2) Proficiency Credit Not Available Not Available Pass/No Credit Not Available

In-District Tuition/Fees: $794 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Admission to the Surgical Technology Program. Grade of C or better in SGT 102 and BIO 246.

Semester(s) Offered: Fall

SGT 102 Intro to Surgical Technology (7)  6.5,19.5
This course introduces the Surgical Technology student to the principles of intraoperative surgical care. Students will participate in a clinical rotation within a hospital/surgery center where surgical asepsis and patient care will be implemented. Special Note: A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Surgical Technology (SGT) program. Successful completion of the SGT program allows students eligibility to take the National Board of Surgical Technologists and Surgical Assistants (NBSTSA) Certified Surgical Technologist (CST) Exam. (1.2) Proficiency Credit Not Available Not Available Pass/No Credit Not Available

In-District Tuition/Fees: $794 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Admission to the Surgical Technology Program. Grade of C or better in SGT 102 and BIO 246.

Semester(s) Offered: Spring

SGT 111 Surgical Technology II (13)  6.5,19.5
This course introduces the Surgical Technology student to the principles of intraoperative surgical care. Students will participate in a clinical rotation within a hospital/surgery center where surgical asepsis and patient care will be implemented. Special Note: A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Surgical Technology (SGT) program. Successful completion of the SGT program allows students eligibility to take the National Board of Surgical Technologists and Surgical Assistants (NBSTSA) Certified Surgical Technologist (CST) Exam. (1.2) Proficiency Credit Not Available Not Available Pass/No Credit Not Available

A criminal background check, drug test, and appropriate PSB-HOA test scores are required for the Surgical Technology (SGT) program. For more information please refer to elgin.edu/surgicaltech/

In-District Tuition/Fees: $794 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).

Prerequisite: Grade of C or better SGT 102 and BIO 246.

Semester(s) Offered: Fall
GET 107 Technical Graphics (3)   3.0
Directed toward reading and understanding of prints used by the machinist. Includes understanding of the basic theory of the orthographic project lines and views, introduction to abbreviation and symbols, machine shop terminology used in prints, interpretation to specifications, and construction and sketching of views. Students will complete technical sketches and basic working drawings in multiview and pictorial. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Varies

GET 114 Electrical Controls (3)   2.2
A study of the basic theories used in electrical control systems. Topics included are: component identification, schematic diagrams, Ohm's Law, Kirchoff's Law, series and parallel circuits, power, magnetism, switches, relays, alternating current fundamentals, transformers, basic motor and generator principles. Introduction to common solid state control devices will be presented. The course includes the use of instruments for making various types of electrical measurements. Troubleshooting techniques will be stressed. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Varies

GET 118 Hydraulics and Pneumatics (5)   4.2
Introduction to elemental laws of physics that underlie hydraulic and pneumatic systems. Emphasis on the fundamentals that make up such systems. Laboratory exercises help the student develop a working knowledge of hydraulic and pneumatic mechanisms and systems. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $685 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: High school algebra or MTH 096 or consent of instructor
Semester(s) Offered: Varies

GET 119 Introduction to Industrial Robots (4)   2.4
A course designed to provide the student with theoretical and practical experience using an industrial grade robot. Theory will include safety in the robotic environment, principles of robotic operation, robot task description and elements of programming. The relationship of the Cartesian Coordinate system of measurement to the operation of an industrial robot will be covered. The student will understand the principles of compound and tool transformations and perform these operations. The student will communicate with the robot control system through keyboard and teach pendant. The student will gain experience in robot control program storage, retrieval and editing. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $538 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Varies

GET 217 Indust. Mfg. Processes & Materials (3)   3.0
An understanding of modern manufacturing processes and materials is of vital importance to ensure products are designed for economical production. This course provides an understanding of the principles, practices, and materials in manufacturing, what they can or cannot do, how they can be utilized most effectively, and the economics of the various processes and materials. The major divisions of this course include specific attention to each of the main classes of processes and the materials relating to them. The principles of economics are stressed repeatedly with each topic studied. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Varies

Theatre (THE)

THE 100 Theatre Appreciation (3)   3.0
An introduction to theatre as a performing art. Students study the audience, actor, critic, director, designer, and playwright through critical, social, and historical perspectives as they read plays and view both video and live performances. (Note special topics sections may focus on Chicago theatre or offer short-term travel courses to New York, Canada, Greece, London, and other international theatre centers.) Course is repeatable to 12 credits. (1.1) Fulfils the ECC/IAI General Education/Fine Arts requirement. IAI Course Number: F1 907 Proficiency Credit Available (3 C) Pass/No Credit Not Available

www.elgin.edu/universitytransfer (http://www.elgin.edu/universitytransfer/)

In-District Tuition/Fees: $456 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.
Semester(s) Offered: Fall, Spring and Summer
THE 110 Drama Performance Ensemble I (1-3)  0,3
(0, 3-9) This course is open to all who audition and are cast in ECC's fall or spring production. Students learn such skills as script analysis, acting, voice, and movement technique, as required. Repeatable three times up to 12 credits. (1.1) Proficiency Credit Not Available Pass/No Credit Available

www.elgin.edu/universitytransfer (http://www.elgin.edu/universitytransfer/)

SPECIAL NOTE: Students wishing to enroll in a performance ensemble or theatre production should consult with the Performing Arts Department at 847-214-7188 (Room VPA 268M) as these have specific entry or audition requirements. For more information on performing arts classes, visit elgin.edu/performingarts (http://elgin.edu/performingarts/).

In-District Tuition/Fees: $396 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/ tuition-fees/).

Prerequisite: Completion of successful audition or consent of instructor

Semester(s) Offered: Fall and Spring

THE 122 Intro-Theater History & Literature (3)  3,0
An introduction to the history, literature and collaborative art of theatre from ritual beginnings to contemporary dramatic literature. Students survey the history of Western and non-Western theatre, read and analyze representative plays from major periods of drama, and view video and live performances. (1.1) Fulfills the ECC/IAI General Education/Fine Arts requirement. IAI Course Number: F1 908 Proficiency Credit Available Pass/No Credit Not Available.

In-District Tuition/Fees: $456 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/ tuition-fees/).

Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.+

Semester(s) Offered: Spring

THE 124 American Drama (3)  3,0
Examines the history and diversity of theatre literature in the United States. Plays studied include American classics as well as neglected voices from African, Asian, and Hispanic American, feminist, political, gay, and lesbian theatre. (1.1) Fulfills the ECC/IAI General Education/Fine Arts requirement. IAI Course Number: F1 909D Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $456 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/ tuition-fees/).

Prerequisite: Reading: Grade of C or better in RDG 091 or LTC 099, or satisfaction of other placement criteria. Writing: Grade of C or better in ENG 098 or LTC 099 or satisfaction of other placement criteria.+

Semester(s) Offered: Fall

THE 132 Acting I (3)  3,0
Basic principles of the actor's craft are explored, including skills in acting, movement, voice, improvisation, character analysis, and monologue study. (1.1) Proficiency Credit Available (2 EIT) Pass/No Credit Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/ tuition-fees/).

Prerequisite: None

Semester(s) Offered: Fall, Spring and Summer

THE 134 Improvisation for the Theatre (3)  3,0
Improvisation technique helps actors think on their feet and improves communication, concentration, timing, and teamwork. Course is repeatable to 12 credits. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/ tuition-fees/).

Prerequisite: None

Semester(s) Offered: Fall and Spring

THE 136 Acting II (3)  3,0
This course strengthens the actor's craft by emphasizing text analysis, character development, psychophysical actions, and powerful objectives through rehearsal and performance of selected scenes. Requires strong memorization skills and outside rehearsal time. Course is repeatable to 12 credits. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/ tuition-fees/).

Prerequisite: None

Semester(s) Offered: Spring

THE 142 Movement for the Stage (3)  3,0
Explores a variety of movement skills including neutral and character mask, mime, Laban technique, yoga as well as centering and energy study. (1.1) Proficiency Credit Available (2 EIT) Pass/No Credit Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/ tuition-fees/).

Prerequisite: None

Semester(s) Offered: Spring

THE 144 Voice and Speech for the Stage (3)  3,0
Voice and speech skills for the stage actor include vocal warm-ups, vocal health, breath support, relaxation and resonance, projection, articulation, and dialects. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.

In-District Tuition/Fees: $396 (effective 2020/21 academic year)

In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/ tuition-fees/).

Prerequisite: None

Semester(s) Offered: Varies
THE 150 Theatre Dance (3)  3.0
Training and practice in theatre dance technique used in the American musical theatre. Dance styles include basic ballet, jazz, tap, and ballroom. Course is repeatable up to 12 credits. (1.1) Proficiency Credit Available (3 C) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring

THE 160 Introduction to Theatre Technology (3)  2.3
This course takes a hands-on approach to the fundamentals of technical theatre including stagecraft, set construction, stage lighting and production methods. Students quickly gain practical experience by applying classroom learning to work on theatre projects. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring

THE 161 Scenic Design and Technology (3)  2.3
Course teaches methods of approaching, developing, and completing set designs through the detailed study of scenic history, styles research, scenic techniques and script analysis. By designing several simple theoretical projects, students develop and expand their critical and creative thinking skills while increasing their knowledge of the artistic and technical demands of scenic design. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Varies

THE 162 Technical Theatre Practicum (3)  1.10
Focused on practical work experience, students perform vital technical roles on theatrical productions under faculty and staff supervision. Course is repeatable to 12 credits. (1.1) Proficiency Credit Available (2 ) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall, Spring and Summer

THE 164 Lighting Design and Technology (3)  2.3
Learn the art and science of stage lighting while developing your creative skills. This project-based class teaches you how to analyze a script, create and execute a theatrical light plot as well as how to work with state-of-the-art lighting equipment including robotics. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $406 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Varies

THE 166 Theatrical Sound Design & Technology (3)  2.3
This course is an introduction to sound design and technology for the theatre. Students will explore acoustic phenomena and perception, the relationship of sound to dramatic text, image, and movement and the integration of sound design and technology in performance. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Varies

THE 170 Stage Management (3)  2.5,1
Concentrates on skills needed by today's stage managers-organizational skills, leadership, time management, and professionalism in the theatrical world. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Varies

THE 210 Literature Performance Ensemble (3)  3.0
Students will study, adapt and perform literature, such as essays, letters, novels, poetry, and short stories, with an emphasis on the use of voice and movement to interpret and communicate the work to an audience. Course is repeatable up to 12 credits. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available

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SPECIAL NOTE: Students wishing to enroll in a performance ensemble or theatre production should consult with the Performing Arts Department at 847-214-7188 (Room VPA 268M) as these have specific entry or audition requirements. For more information on performing arts classes, visit elgin.edu/performingarts (http://elgin.edu/performingarts/) .
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Completion of successful audition or consent of instructor
Semester(s) Offered: Varies
THE 231 Internship in Theatre (1) 0.0
Offers credit for work experience with professional theatre organizations in technical theatre, administration, design, or performance. Course is repeatable up to four credits. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Varies
THE 232 Internship in Theatre (2) 0.0
Offers credit for work experience with professional theatre organizations in technical theatre, administration, design, or performance. Course is repeatable up to eight credits. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Varies
THE 233 Internship in Theatre (1) 0.0
Offers credit for work experience with professional theatre organizations in technical theatre, administration, design, or performance. Course is repeatable up to four credits. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Varies
THE 234 Special Topics: Theatre (1) 1.0
Offers an opportunity to study specialized topics in theatre history, literature, production or performance. Can be focused on a particular research subject, author, genre, style, technique or historical period. Course is repeatable up to four credits. (1.1) Proficiency Credit Available Pass/No Credit Available
www.elgin.edu/universitytransfer (http://www.elgin.edu/universitytransfer/)

THE 235 Special Topics: Theatre (2) 2.0
Offers an opportunity to study specialized topics in theatre history, literature, production or performance. Can be focused on a particular research subject, author, genre, style, technique or historical period. Course is repeatable up to eight credits. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Varies

THE 236 Special Topics: Theatre (3) 3.0
Offers an opportunity to study specialized topics in theatre history, literature, production, or performance. Can be focused on a particular research subject, author, genre, style, technique, or historical period. Course is repeatable up to 12 credits. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Varies
THE 241 Stage Combat I (3) 3.0
Focuses on unarmed combat including falls, throws, and sparring techniques from judo, karate, Aikido, wrestling, boxing, and barroom brawling. Taken in sequence with THE 242-Stage Combat II, students will have the opportunity to take the Society of American Fight Directors Actor/Combatant exam. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $446 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Varies
THE 242 Stage Combat II (3) 3.0
Focuses on Medieval and Renaissance weapons such as quarterstaff, sword and rapier and dagger used in Shakespeare and other period plays. Taken in sequence with THE 241, Stage Combat I, students will have the opportunity to take the Society of American Fight Directors Actor/Combatant exam. Course is repeatable up to 12 credits. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $446 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall
THE 243 Stage Combat III (3) 3.0
Focuses on stage combat in Elizabethan and Jacobean theatre. Taken in sequence with THE 241 and 242, students will have the opportunity to take the Society of American Fight Directors Actor/Combatant exam. Course is repeatable up to 12 credits. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $446 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Spring

SPECIAL NOTE: Students wishing to enroll in a performance ensemble or theatre production should consult with the Performing Arts Department at 847-214-7188 (Room VPA 268M) as these have specific entry or audition requirements. For more information on performing arts classes, visit elgin.edu/performingarts (http://elgin.edu/performingarts/).

In-District Tuition/Fees: $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Varies

THE 246 Stage Combat IV (3) 3.0
Focuses on stage combat in the Baroque period. Taken in sequence with THE 241, Stage Combat I, THE 242, Stage Combat II, and THE 243, Stage Combat III, students will have the opportunity to take the Society of American Fight Directors Actor/Combatant exam. Course is repeatable up to 12 credits. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $446 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall
THE 243 Stage Combat: Single Sword (3)  3.0
This course focuses on single sword combat for theatre and film with swashbuckling fencing techniques developed in the 17th century French court and performed in the works of Moliere and other restoration playwrights. Students may have the opportunity to take the Society of American Fight Directors skills proficiency test at the end of class. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $446 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Varies

THE 244 Stage Combat: Small Sword (3)  3.0
This course focuses on small sword combat for theatre and film using fencing techniques developed in the 17th century French court and performed in the works of Moliere and other restoration playwrights. Students may have the opportunity to take the Society of American Fight Directors skills proficiency test at the end of class. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $446 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Varies

THE 245 Stage Combat: Knife (3)  3.0
This course focuses on knife combat for theatre and film using street fighting styles found in contemporary plays and musicals like West Side Story and Carousel. Students may have the opportunity to take the Society of American Fight Directors skills proficiency test at the end of class. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $446 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Varies

THE 246 Stage Combat: Quarterstaff (3)  3.0
This course focuses on quarterstaff combat for theatre and film using staff techniques performed in Medieval, Renaissance and Asian drama. Students may have the opportunity to take the Society of American Fight Directors skills proficiency test at the end of class. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $446 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Varies

THE 247 Stage Combat: Broadsword (3)  3.0
This course focuses on broadsword combat for theatre and film used in Medieval and Renaissance drama. Students may have the opportunity to take the Society of American Fight Directors skills proficiency test at the end of class. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $446 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Varies

THE 248 Stage Combat: Sword and Shield (3)  3.0
This course focuses on sword and shield combat for theatre and film as used in Greek, Roman and Medieval drama. Students may have the opportunity to take the Society of American Fight Directors skills proficiency test at the end of class. (1.1) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $446 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Varies

Truck Driving (BRG)

All BRG courses numbered 100 and above may be applied to the major field and elective requirement for the Associate in Arts and Associate in Science degrees.

Completion of BRG 101 Truck Driving I, BRG 201 Truck Driving II, and BRG 202 Truck Driving III will prepare the student to take the necessary exams to obtain a license to operate a tractor trailer.

BRG 101 Truck Driving I (6)  6.0
This course will include vehicle systems, D.O.T. rules and regulations, logs, and all legal topics of interest to trucking and transportation. Additional topics include defensive driving, cargo handling, hazardous materials. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $892 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Consent of instructor
Semester(s) Offered: Fall, Spring and Summer
BRG 110 Fork Lift Operator (1)  1.0
This course covers the aspects of safe operation of forklifts in the industrial logistics environment. The course will cover safe operation of the lift truck including, pre-operation safety inspections, surveying and identifying hazards and using the principles of the Stability Triangle to properly retrieve and storing loads. An electric counterbalanced sit down forklift will be used for training however other fuel sources and lifts will be discussed. All training will follow guidelines set by OSHA and ANSI for safe operation of lift trucks. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $132 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Prerequisite:None
Semester(s) Offered: Fall, Spring and Summer
BRG 201 Truck Driving II (6)  2.12
This course covers the yard and on-the-road aspects of tractor trailer driving. Students will receive extensive hands-on-experience in backing, parking, start up, and preventive maintenance. There will be actual on-the-road driving by students. Completion of BRG 101 and BRG 201 will prepare the student to take the necessary exams to obtain a license to operate a tractor trailer. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $2992 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: BRG 101
Semester(s) Offered: Fall, Spring and Summer
BRG 202 Truck Driving III (4)  4.0
This course is an extension of BRG 101 and BRG 201 with further study of the topics and skills covered in those two courses. Also included will be additional information on maintenance, communications, costs, dispatching, and operations. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $628 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Consent of instructor
Semester(s) Offered: Fall, Spring and Summer
BRG 203 Defensive Driving Techniques (2)  2.0
This course will address the core concepts of defensive driving, preventable collisions, personal responsibility, driving to protect others and hazard recognition. The course will also address lighting conditions, weather conditions, road conditions and traffic conditions. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Consent of instructor
Semester(s) Offered: Fall, Spring and Summer

WEL 101 Welding I (2.5)  1.3
An introduction to the welding industry including, safety, careers, and common terminology. Basic concepts of oxy-fuel welding, cutting, and shielded metal arc welding. Labs include shielded metal arc welding, oxy-fuel welding and brazing in the flat and horizontal positions. Further, oxy-fuel cutting in multiple positions will be covered. (1.2) Proficiency Credit Available (3 LETSIR) Pass/No Credit Available.
In-District Tuition/Fees: $395 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None
Semester(s) Offered: Fall and Spring
WEL 102 Welding II (4)  2.4
Advanced techniques and skill improvement in oxy-acetylene welding and arc welding. The lab experiences in basic MIG and TIG (Heliarc) welding will be provided. An introduction to weld testing will be included. (1.2) Proficiency Credit Available (3 LETSIR) Pass/No Credit Not Available.
In-District Tuition/Fees: $613 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade of C or better in WEL 101 or consent of instructor
Semester(s) Offered: Fall and Spring
WEL 111 Welding Safety (3)  3.0
Effective 2020 Summer this course will be withdrawn. The student will become aware of the importance of developing a safe work attitude as it applies to the welding industry. Safe handling of various gases, welding equipment and related tools will be covered. Emphasis will be on creating and maintaining a safe welding environment. (1.2) Proficiency Credit Available (3 LETS) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: None.
Semester(s) Offered: Varies
WEL 112 Applied Welding Theory (3)  2.2
A course which will provide both lab and classroom experiences to cover the basic theory of all major welding processes. Processes covered include: Shielded metal arc welding; gas metal arc welding; gas tungsten arc welding; flux cored arc welding; submerged arc welding; plasma arc welding and oxy-acetylene welding. (1.2) Proficiency Credit Available (3 EILMST) Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/) (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: WEL 102 or concurrent enrollment in WEL 102
Semester(s) Offered: Varies

Welding (WEL)

All WEL courses numbered 100 and above may be applied to the major field and elective requirement in the Associate in Arts and Associate in Science degrees.
WEL 113 Welding Power Sources and Setup (3) 2,2
Designed to familiarize the student with the differences between various types of welding power sources. The student will learn through lab experiences proper set-up and maintenance, troubleshooting procedures, and minor repair techniques. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: WEL 102 or concurrent enrollment in WEL 102
Semester(s) Offered: Varies

WEL 120 Blueprint Reading for Welders (2) 1,2
Prepares the student to interpret drawings as applied in the welding trade and to become familiar with welding symbols and their significance. (1.2) Proficiency Credit Available (3 LETSIR) Pass/No Credit Not Available.
In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Varies

WEL 208 Welding III (4) 2,4
The student will perform weld using mild steel in all positions and will include arc, gas tungsten arc (TIG), submerged arc welding (SAW), and gas metal arc (MIG) processes. The student will become comfortable in the operation of plasma arc cutting. Emphasis will be on development of a degree of skill necessary to pass welder qualification tests in all positions. (1.2) Proficiency Credit Available (3 LETSI) Pass/No Credit Not Available.
In-District Tuition/Fees: $603 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in WEL 102 or consent of instructor
Semester(s) Offered: Fall and Spring

WEL 210 Welding IV (4) 2,4
Students will construct welding projects employing arc, oxy-acetylene, gas metal arc (MIG), gas tungsten arc (TIG), or any combination of these welding processes using a welding blueprint as a guide. (1.2) Proficiency Credit Available (3 LETSI) Pass/No Credit Not Available.
In-District Tuition/Fees: $603 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: WEL 120 and 208 or consent of instructor
Semester(s) Offered: Varies

WEL 211 TIG Welding Techniques (4) 2,4
This course is for students who need to develop skills in gas tungsten arc welding (TIG). The student will select appropriate machine settings. All position welds on hot and cold rolled and galvanized mild steel, stainless steel, and aluminum and cast iron will be produced. Process variations include standard and pulse mode operation. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $603 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Effective Summer 2020 Grade of C or better in WEL 102 or consent of instructor.
Semester(s) Offered: Varies

WEL 212 MIG Welding Techniques (4) 2,4
This course is for students who need to develop skills in gas metal arc welding (MIG). The student will set up welding equipment and produce welds in all positions. Process variations to be used include short circuit and spray transfer with solid wire, flux cored (inner shield and dual shield) and submerged arc welding. Metals to be welded include mild steel, stainless steel, and aluminum. (1.2) Proficiency Credit Available Pass/No Credit Not Available.
In-District Tuition/Fees: $603 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: WEL 101 or consent of instructor
Semester(s) Offered: Varies

WEL 213 Welding Metallurgy (3) 2,2
This course will cover the applications and concepts of basic metallurgy. Topics include characteristics of atoms, atomic structure of elements, properties of metals, crystal structures, and phase changes of metals. Further, students will learn about theory and application of metal identification, weldability of metals, heat treating processes. Testing and hands-on application will be a component of this course. Both ferrous and non-ferrous metals will be covered. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: None
Semester(s) Offered: Fall and Spring

WEL 214 Cutting Processes (2) 1,2
This is a skill building course which will allow the student an opportunity to gain proficiency in all major industrial arc and oxy-fuel cutting processes-manual, semi-automatic and automatic. Processes include Plasma Arc, Air Carbon Arc, Shielded Metal Arc, Exothermic, and Oxy-Fuel Cutting. The student will also learn to operate an optical tracer and CNC controls. (1.2) Proficiency Credit Available (3 LETSI) Pass/No Credit Not Available.
In-District Tuition/Fees: $339 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/)
Prerequisite: Grade of C or better in WEL 101 or consent of instructor
Semester(s) Offered: Varies
WEL 215 Advanced Welding Techniques (4)  2,4
This is a skill development course designed to help the student produce quality welds on cast iron, aluminum, medium carbon steel, and other metals requiring special weld treatment. Other weld troubleshooting techniques will be covered starting with precise metal identification, locating and eliminating cracks, visual inspection, and proper pre-and post-weld treatment. (1.2) Proficiency Credit Available (3 LETSI) Pass/No Credit Not Available.
In-District Tuition/Fees: $603 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: WEL 102
Semester(s) Offered: Varies

WEL 218 SMAW Qualification (3)  2,2
Welder certification is required by an increasing number of area employers. The purpose of the Shielded Metal Arc Welding (SMAW) class is to help the student attain arc welder certification. Students must pass two guided bend tests to receive certification. This certification will meet the requirements of AWS D1.1 Structural Welding Code (limited thickness) and the needs of many area manufacturers. However, some employers may require additional or re-certification. Repeatable to nine credits. (1.2) Proficiency Credit Available Pass/No Credit Available.
In-District Tuition/Fees: $486 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Prerequisite: (1) Grade of C or better in WEL 208 or concurrent enrollment in WEL 208; (2) or consent of instructor.
Semester(s) Offered: Fall and Spring

WEL 220 GMAW Qualification (3)  2,2
Welder certification is required by an increasing number of area employers. The purpose of the Gas Metal Arc Welding (GMAW) class is to help the student attain MIG welder certification. Students must pass two guided bend tests to receive certification. This certification will meet the requirements of AWS D1.1 Structural Welding Code (limited thickness) and the needs of many area manufacturers. However, some employers may require additional or re-certification. Repeatable to nine credits. (1.2) Proficiency Credit Available Pass/No Credit Available.
In-District Tuition/Fees: $486 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Prerequisite: (1) Grade of C or better in WEL 208 or concurrent enrollment in WEL 208; (2) or consent of instructor
Semester(s) Offered: Fall and Spring

WEL 221 Adv. Blueprint Reading for Welders (2)  1,2
This course is designed to aid the student in becoming proficient in reading more complex welding blueprints. Emphasis will be on developing the ability to transfer the two-dimensional print to the actual three-dimensional object. The student will gain experience in related mathematical calculations. Students will learn spreadsheet manipulation by working up a job quote. (1.2) Proficiency Credit Available (3 LETSI) Pass/No Credit Not Available.
In-District Tuition/Fees: $264 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Prerequisite: Grade of C or better in WEL 120.
Semester(s) Offered: Varies

WEL 234 Special Topics in Welding (1-3)  .5,1
(.5-1, 1-4) Designed to satisfy specific needs or interests of students and the community. The following guidelines are to be used in selecting topics: 1) adequate and available material on specific topic; 2) comprehensive outlines for each topic; and, 3) course should be designed to increase skill and knowledge in field of welding. Course is repeatable to 12 credits. (1.2) Proficiency Credit Not Available Pass/No Credit Not Available.
In-District Tuition/Fees: $436 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Consent of instructor
Semester(s) Offered: Varies

WEL 240 Independent Study in Welding (1-3)  1,2
The student is to identify a special project and request advice and direction from welding faculty. The course will be carried out under the direction of one or more faculty members who will modify the proposal in accordance with the departmental requirements and equipment limitations for credit involved. Special Note: Due to equipment and lab limitations instructor may deny project or welding process. (1.2) Proficiency Credit Not Available Pass/No Credit No.
In-District Tuition/Fees: $396 (effective 2020/21 academic year)
In-district tuition is subject to change based on Board approval (https://elgin.edu/pay-for-college/tuition-fees/).
Prerequisite: Grade C or better in WEL 102+
Semester(s) Offered: Fall, Spring and Summer
The internet address of the college is elgin.edu (http://elgin.edu). To e-mail an individual at the college, use the first initial and last name of the person you wish to contact followed by @elgin.edu. Example: jdoe@elgin.edu. Note: please check staff directory at elgin.edu for e-mail address verification.

## Full-Time Administrators

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Education</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>President’s Office</strong></td>
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</tr>
<tr>
<td>David Sam</td>
<td>President</td>
<td>BA, Illinois State University&lt;br&gt;MALD, Tufts University&lt;br&gt;MBA, Northwestern University&lt;br&gt;JD, University of Akron&lt;br&gt;PHD, Tufts University</td>
</tr>
<tr>
<td>Lourdes Blacksmith</td>
<td>Managing Director of Community Engmnt &amp; Legislative Affairs</td>
<td>EDD, Benedictine University</td>
</tr>
<tr>
<td>Respicio Vazquez</td>
<td>General Counsel</td>
<td>JD, DePaul University</td>
</tr>
<tr>
<td>Susan Franck</td>
<td>Executive Assistant</td>
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</tr>
<tr>
<td>Diane Kerruish</td>
<td>Senior Executive Assistant to the President</td>
<td>AS, Elgin Community College</td>
</tr>
<tr>
<td>Maria Medina</td>
<td>Legal Administrative Specialist</td>
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</tr>
<tr>
<td>Peggy Heinrich</td>
<td>Vice President of Teaching, Learning &amp; Student Development</td>
<td>BA, DePaul University&lt;br&gt;MA, Northern Illinois University</td>
</tr>
<tr>
<td>Donald Anderson</td>
<td>Director of Truck Driving Program</td>
<td>BS, University of Wisconsin-Stout</td>
</tr>
<tr>
<td>Leamon Austin</td>
<td>Associate Dean of TRIO, Student Support and Upward Bound</td>
<td>EDD, University of Pittsburgh</td>
</tr>
<tr>
<td>Lurana Bain</td>
<td>Director Massage Therapy and Health &amp; Wellness Mng Programs</td>
<td>License: Licensed Massage Therapist, State of Illinois&lt;br&gt;BA, Northern Illinois University</td>
</tr>
<tr>
<td>Charron Banaszak</td>
<td>Office Coordinator I</td>
<td>MA, Northeastern Illinois University</td>
</tr>
<tr>
<td>Yolonda Barnes</td>
<td>Associate Dean of Sustainability, Business &amp; Career Tech</td>
<td>DED, Ferris State University</td>
</tr>
<tr>
<td>Elaine Blair</td>
<td>Manager of Upward Bound</td>
<td>PHD, Capella University</td>
</tr>
<tr>
<td>Donna Boyce</td>
<td>Manager of Nursing Simulation Center</td>
<td>License: Registered Professional Nurse, State of Illinois&lt;br&gt;BSN, Aurora University&lt;br&gt;MSN, Northern Illinois University</td>
</tr>
<tr>
<td>Vincent Cascio</td>
<td>Wellness Professional</td>
<td>MA, Adler University</td>
</tr>
<tr>
<td>Nancy Chahino</td>
<td>Perkins Grant Administrator</td>
<td>BA, American University of Beirut&lt;br&gt;MBA, Keller Graduate School of Management</td>
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<tr>
<td>DeSean Coleman</td>
<td>Manager of Upward Bound</td>
<td>AA, Hinds Community College&lt;br&gt;BS, Alcorn State University&lt;br&gt;MS, Alcorn State University&lt;br&gt;EDD, Northern Illinois University</td>
</tr>
<tr>
<td>Edward Dawson</td>
<td>Supervisor I of Scene Shop</td>
<td></td>
</tr>
<tr>
<td>Irina Delgenio</td>
<td>Associate Dean of Liberal, Visual &amp; Performing Arts</td>
<td>MA, Loyola University Chicago&lt;br&gt;MA, Ural State University&lt;br&gt;PHD, Ural State University</td>
</tr>
<tr>
<td>Alexander Desimone</td>
<td>Production Manager of Arts Center</td>
<td>MFA, Northern Illinois University</td>
</tr>
<tr>
<td>Name</td>
<td>Position</td>
<td>Education/Professional Credentials</td>
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<tr>
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</tbody>
</table>
| Steven Duchrow              | Senior Director of Performing Arts            | BA, University of Wisconsin-Green Bay  
MS, Western Illinois University                                                 |
| Natalie Escobar             | International Programs Specialist             | BA, University of Iowa                                                                           |
| John Fahy                   | Senior Director of Academic Programming & Public Safety Trng | AAS, Elgin Community College  
AS, Elgin Community College  
BS, Southern Illinois University Carbondale                                           |
| Samantha Friar              | Manager of Student Support Services - ESL      | BA, Tuskegee University  
MAD, North Park University                                                              |
| Monika Gadek-Stephan        | Senior Director of the Education and Work Center | MA, University of Silesia                                                                           |
| Cynthia Gaspardo            | Manager of Performing Arts                     | BS, Illinois State University  
MFA, Purdue University West Lafayette                                                      |
| Mary Grimm                  | Wellness Professional                           |                                                                                                   |
| Margaret Gundrum            | Associate Dean of Advising, Transfer & Career Develop Serv | Certificate: National Certified Counselor, National Board for Certified Counselors, Inc.  
BGS, Northern Illinois University  
MSED, Northern Illinois University                                                      |
| Darlene Harris              | Manager of Talent Search Transitions Grant     | MA, Roosevelt University                                                                         |
| Mary Hatch                  | Dean of Liberal, Visual & Performing Arts      | BA, University of Illinois At Chicago  
MFA, Ohio University  
EDD, Benedictine University                                                           |
| Anne Hauca                  | Dean of Workforce Development & Continuing Ed  | BBE, Eastern Michigan University  
MSED, Northern Illinois University                                                      |
| Elizabeth Hobson            | Dean of Adult Education                        | BSED, Bowling Green State University  
MED, Bowling Green State University  
DED, Northern Illinois University                                                    |
| Bridget Hoffenkamp          | Director of Surgical Technology Program        | BS, Walden University                                                                             |
| Mi Hu                       | Dean of Academic Development & Learning Resources | BBA, Chinese Culture University  
MS, University of Tennessee  
PHD, University of Tennessee                                                        |
| Magnolia Im                 | Manager of Student Support Services            | MS, Illinois State University                                                                   |
| Sean Jensen                 | Director of Transfer Services                 | BA, Northern Illinois University  
MA, National Louis University                                                          |
| Susanne Kepley              | Manager of Marketing & Patron Services         | MA, University of Kansas                                                                         |
| Ann King                    | Senior Director of Admissions and Registrar    | BS, Illinois State University  
MS, Illinois State University                                                          |
| Natalie Leisering           | Director of Testing Services                  | BBA, Loyola University Chicago  
MED, Loyola University Chicago                                                         |
| Debra Letizio               | Director of Medical Imaging                   | Certificate: Cardiovascular-Interventional, The American Registry of Radiologic Technologists  
Certificate: Quality Management, The American Registry of Radiologic Technologists  
Certificate: Radiography, The American Registry of Radiologic Technologists  
BA, Winthrop University  
MA, Appalachian State University                                                     |
| Mary Lloyd                  | Director of ABEC Operations                   | MAED, National Louis University                                                                   |
| Jennifer Loiacano           | Director of Spartan Ter Restaurant            | License: Food Service Sanitation, State of Illinois  
BS, Ferris State University                                                             |
| John Long                   | Director of Student Success & Judicial Affairs | MS, NOVA Southeastern University                                                                  |
| Rodrigo Lopez               | Assistant Dean of School Partnerships         | MPA, University of Illinois At Chicago                                                              |
| Angela Lucca                | Executive Assistant                            | Certificate: Basic Vocational Specialist, Elgin Community College  
Certificate: Vocational Specialist, Elgin Community College  
AAS, Elgin Community College                                                        |
| Marcia Luptak               | Associate Dean of Adult Education             | BA, Depauw University  
MED, National Louis University                                                            |
<table>
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<tr>
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<td>Coresair Mack</td>
<td>Wellness Professional</td>
<td>MSED, Northern Illinois University</td>
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<tr>
<td>Ruixuan Mao</td>
<td>Dean of Communications &amp; Behavioral Sciences</td>
<td>MS, University of Tennessee (MSED)</td>
</tr>
<tr>
<td>Amybeth Maurer</td>
<td>Director of Orientation &amp; Student Life</td>
<td>BA, Loyola University Chicago (MED)</td>
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<tr>
<td>Jennifer McClure</td>
<td>Managing Director of Enrollment Services</td>
<td>BS, University of Kansas (MSED)</td>
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<tr>
<td>Kathy Meisinger</td>
<td>Director of Strategic Partnerships &amp; Experiential Learning</td>
<td>BBA, Loyola University Chicago (MS)</td>
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<tr>
<td>Wendy Miller</td>
<td>Dean of Health Professions, Math, Science &amp; Engineering</td>
<td>Certificate: Certified Specialist in Immunology, American Society of Clinical Pathologists</td>
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<tr>
<td>Timothy Moore</td>
<td>Assoc Dean of Instructional Improvement &amp; Distance Learning</td>
<td>BA, Creighton University (MA)</td>
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<tr>
<td>Lauren Nehlsen</td>
<td>Director, International Education and Programs</td>
<td>Certificate: Postgraduate Certificate, London Metropolitan University</td>
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<tr>
<td>Barbara Ostrowska</td>
<td>Director of Physical Therapist Assistant Program</td>
<td>DPT, University of St Augustine for Health Sciences</td>
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<tr>
<td>Jamie Pang</td>
<td>Manager of Curriculum</td>
<td>BA, DePaul University (MA)</td>
</tr>
<tr>
<td>Kent Payne</td>
<td>Director of Athletics &amp; Wellness</td>
<td>BS, Indiana State University (MSS)</td>
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<tr>
<td>Mary Perkins</td>
<td>Dean of College Transitions and Secondary Partnerships</td>
<td>AA, Waubonsee Community College (BA)</td>
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<tr>
<td>Jorge Phillips</td>
<td>Director of Continuing &amp; Community Education</td>
<td>Certificate: Certificate of Enrollment, Internal Revenue Service</td>
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<tr>
<td>Kimberly Plate</td>
<td>Director of Dental Assisting Program</td>
<td>Certificate: Certified Dental Assistant, Dental Assisting National Board</td>
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<tr>
<td>Shannon Pohrte</td>
<td>Associate Dean of Library</td>
<td>MALS, Dominican University</td>
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<tr>
<td>Pietrina Probst</td>
<td>Director of ADA and Student Disabilities Services</td>
<td>MA, Northern Illinois University</td>
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<tr>
<td>Gregory Robinson</td>
<td>Asst VP of Student Services &amp; Development / Dean of Students</td>
<td>MS, Tennessee State University (PHD)</td>
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<tr>
<td>Tyler Roeger</td>
<td>Director of CETL</td>
<td>PHD, Pennsylvania State University</td>
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<tr>
<td>Annamarie Schopen</td>
<td>Asst. Vice President of Teaching, Learning &amp; Student Dvlpmt</td>
<td>MS, DePaul University</td>
</tr>
<tr>
<td>Kelly Scott</td>
<td>Director of Student &amp; Academic Systems</td>
<td>MS, University of Wisconsin-Platteville</td>
</tr>
<tr>
<td>Renee Skrabacz</td>
<td>Associate Dean of Health Prof, Math, Science &amp; Engineering</td>
<td>BS, University of Wisconsin-Madison (MS)</td>
</tr>
<tr>
<td>Name</td>
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</table>
| Fatima Soto         | Assistant Registrar                           | AA, William Rainey Harper College  
BA, Northern Illinois University                                        |
| Cathy Taylor        | Dean of Sustainability, Business & Career Technologies | MBA, North Central College                                                                 |
| Rachel Taylor       | Supervisor III ABE/ASE                        | BA, Northern Illinois University  
MSED, Northern Illinois University                                             |
| Sarah Urban         | Director of Nursing Program                    | Certificate: Certified Nurse Educator, National League for Nursing  
License: Registered Professional Nurse, State of Illinois  
MS, Pensacola Christian College  
PHD, Walden University                                                        |
| Rebecca Walker      | Associate Dean of Sustainability, Business & Career Tech | BA, Asbury University  
MA, Wheaton College                                                             |
| Lisa Wiehle         | Manager of Outcomes Assessment                 | BA, Northern Illinois University  
MA, Northern Illinois University                                               |
| Deborah Wollenberg  | Director of CLT & Histotechnology Programs     | BS, Northern Illinois University  
MAT, National Louis University                                                 |
| Joshua Worsham      | Senior Director of Academic Support Services   | MA, University of Wisconsin-Milwaukee                                                   |
| **Business and Finance** |                                                |                                                                                                |
| Kimberly Wagner     | Vice President of Business & Finance           | AB, Augustana College  
MBA, Keller Graduate School of Management  
DED, Ferris State University                                                    |
| Jeffrey Bejcek      | Assistant Director of Technology Services Support | BSBA, Roosevelt University                                                              |
| Calvin Byrd         | Managing Director of Facilities                |                                                                                                |
BSED, Illinois State University  
MEL, Aurora University                                                         |
| Michael Chahino     | Chief Information Officer                      | BS, Illinois State University  
MS, Illinois State University  
EDD, Northern Illinois University                                                |
| Edward Cook         | Managing Director of Construction and Plant Operations | Certificate: Refrigerant Transition Recovery Cert., Ferris State University  
License: Stationary Engineer’s License, City of Elgin                           |
| Robin Cook          | Risk Manager / Executive Assistant             | ALS, Elgin Community College                                                             |
| Samantha Croft      | Manager of Facilities Rental                   | MA, University of Houston                                                               |
| Mary Crowe          | Director of Financial Aid & Scholarships       |                                                                                                |
| Omar Dominguez      | Manager of Custodial Services                  |                                                                                                |
| Richard Essegian    | Director of Food Services                      | License: Food Service Sanitation, State of Illinois                                      |
| William Forg        | Managing Director of Network & Information Security Ops | BS, Ohio State University  
MBA, Wright State University                                                  |
| Laurie Hoerner      | Managing Director of Administrative & Web Systems | BS, University of Southern Mississippi                                                 |
| Emily Kies          | Senior Director of Emergency Management        | BS, Thomas a Edison State College                                                        |
| Diane Kmet          | Director of Administrative Systems             | BA, Roosevelt University                                                                |
| Gema Macklin        | Manager of Receiving, Record Retention & Mail Operations | Certificate: Basic Vocational Specialist, Elgin Community College  
Certificate: Vocational Specialist, Elgin Community College  
AAS, Elgin Community College  
BA, Judson University                                                        |
<p>| Benjamin McCune     | Assistant Director of Technology Services Operations | BA, Grand Valley State University                                                      |</p>
<table>
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<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Sushil Morker</td>
<td>Director of Business &amp; Finance Information Systems</td>
<td>BCPE, University of Mumbai, MBA, Dominican University</td>
</tr>
<tr>
<td>Beth Mrofcza</td>
<td>Director of Child Care Services</td>
<td>MA, Concordia University of</td>
</tr>
<tr>
<td>Roberto Negron</td>
<td>Manager of Custodial Services</td>
<td>AA, Inter American University of Puerto Rico</td>
</tr>
<tr>
<td>Amy Perrin</td>
<td>Managing Director of Student Financial Services</td>
<td>BA, Grand View College, MPA, Drake University</td>
</tr>
<tr>
<td>Joyce Proctor</td>
<td>Bursar</td>
<td>AAS, Elgin Community College, BS, Columbia College Missouri, MA, Webster University</td>
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<tr>
<td>Michael Ross</td>
<td>Supervisor II of Custodial Services</td>
<td>AAS, Elgin Community College</td>
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<tr>
<td>Heather Scholl</td>
<td>Assistant Vice President, Business and Finance</td>
<td>BS, Northern Illinois University</td>
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<tr>
<td>Kathryn Skates</td>
<td>Facilities Operations Coordinator</td>
<td>Certificate: Paralegal Certificate, American Institute for Paralegal Studies</td>
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<tr>
<td>Juline Smith</td>
<td>Administrative Assistant III</td>
<td></td>
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<tr>
<td>Karin Stacy</td>
<td>Senior Director of Technology Services</td>
<td>BA, Judson University</td>
</tr>
<tr>
<td>Kelly Strossner</td>
<td>Managing Director of Auxiliary Enterprise</td>
<td>Certificate: Basset Alcohol Certification, American Safety Council, BS, Kaplan University</td>
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<tr>
<td>Melissa Tait</td>
<td>Managing Director of Business Services</td>
<td>BA, Roosevelt University, MBA, Northern Illinois University</td>
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<tr>
<td>Karin Vial</td>
<td>Manager of Child Care Services</td>
<td>AAS, Elgin Community College</td>
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<tr>
<td>Julie Wons</td>
<td>Managing Director of Accounting and Grant Compliance</td>
<td>BS, DeVry University</td>
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<tr>
<td><strong>Human Resources</strong></td>
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<tr>
<td>Anthony Ray</td>
<td>Chief Human Resources Officer</td>
<td>MAHRM, Keller Graduate School of Management</td>
</tr>
<tr>
<td>Jalpa Barot</td>
<td>HRIS Data Specialist</td>
<td>Certificate: Human Resources Cert, William Rainey Harper College, BCOM, Gujarat University, MBA, Academy for International Mngmt Engineering Studies</td>
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<tr>
<td>Christopher Brown</td>
<td>Senior Analyst of HRIS</td>
<td>BA, Judson University</td>
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<tr>
<td>Lesia Gemelli</td>
<td>Director of Employee Benefits</td>
<td>Certificate: SHRM Certified Professional, Society for Human ResourceManagement, BA, Dominican University, MBA, Dominican University</td>
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<tr>
<td>Debra Harmon</td>
<td>Payroll Specialist IV</td>
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<tr>
<td>Shimaa Kamel</td>
<td>Administrative Assistant III</td>
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<td>Gina Mago</td>
<td>Talent Acquisition Specialist</td>
<td>BS, Roosevelt University</td>
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<tr>
<td>Teresa Menendez</td>
<td>Employee Benefits Specialist IV</td>
<td>BA, Judson University</td>
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<tr>
<td>Mary Quinn</td>
<td>Managing Director of Labor and Employee Relations</td>
<td>BA, University of Detroit Mercy</td>
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<tr>
<td>Theresa Reddick</td>
<td>Director of Payroll</td>
<td>AS, Elgin Community College</td>
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<tr>
<td>Kristin Richmond</td>
<td>Senior Director of Human Resources Information Systems</td>
<td>Certificate: HR Information Professional (HRIP), IHRIM INC&lt;br&gt;Certificate: Human Resource Project Manager, American Academy of Project Management&lt;br&gt;BA, Manchester University</td>
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<tr>
<td>Doris Rivera</td>
<td>Executive Assistant</td>
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<tr>
<td>Margaret Scheller</td>
<td>Compensation and Classification Analyst</td>
<td>AS, Triton College</td>
</tr>
<tr>
<td>Katherine Yee</td>
<td>Senior Director of Talent Acquisition and Compensation</td>
<td>BA, Elmhurst College</td>
</tr>
<tr>
<td>David Davin</td>
<td>Executive Director of Inst Advancement &amp; ECC Foundation</td>
<td>BA, University of Southern California</td>
</tr>
<tr>
<td>Noah Rehberg</td>
<td>Manager Annual Giving and Scholarship</td>
<td>BA, University of Pittsburgh</td>
</tr>
<tr>
<td>Jennifer Strohl</td>
<td>Manager of Alumni, Affinity Group and Stewardship</td>
<td>MBA, University of Washington</td>
</tr>
<tr>
<td>Timothy Whitney</td>
<td>Director of Grants Research &amp; Development</td>
<td>JD, DePaul University</td>
</tr>
<tr>
<td>Toya Webb</td>
<td>Chief Marketing and Communications Officer</td>
<td>MS, Roosevelt University</td>
</tr>
<tr>
<td>Maureen Jouhet</td>
<td>Director of Web Technology &amp; Strategy</td>
<td>BS, Northern Illinois University</td>
</tr>
<tr>
<td>Heather Larkin</td>
<td>Manager of Production &amp; Print Services</td>
<td>Certificate: Basic Vocational Specialist, Elgin Community College&lt;br&gt;Certificate: Vocational Specialist, Elgin Community College&lt;br&gt;AAS, Elgin Community College</td>
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<tr>
<td>Susan Rice</td>
<td>Senior Director Digital Communications &amp; Creative Services</td>
<td>MS, Eastern Illinois University</td>
</tr>
<tr>
<td>Steven Sarver</td>
<td>Executive Assistant</td>
<td>BA, Western Illinois University</td>
</tr>
<tr>
<td>Philip Garber</td>
<td>Vice President Planning, Institutional Effectiveness &amp; Tech</td>
<td>BA, University of Chicago&lt;br&gt;MA, University of Chicago&lt;br&gt;PHD, University of Chicago</td>
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<tr>
<td>David Rudden</td>
<td>Managing Director of Institutional Research</td>
<td>BA, Northwestern University&lt;br&gt;MA, Illinois State University</td>
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<tr>
<td>Tanya Ternes</td>
<td>Director of Institutional Research</td>
<td>BA, Loras College&lt;br&gt;MA, DePaul University</td>
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<tr>
<td>Ginger Alms</td>
<td>Assistant Professor II of English</td>
<td>BA, Illinois State University&lt;br&gt;MA, Northern Illinois University</td>
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<tr>
<td>Jose Alvarez-Garcia</td>
<td>Associate Professor I of Spanish</td>
<td>MA, University of Illinois At Urbana-Champaign&lt;br&gt;PHD, University of Illinois At Urbana-Champaign</td>
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<tr>
<td>Mohammad Alzoubi</td>
<td>Associate Professor I of Digital Technologies</td>
<td>BS, Governors State University&lt;br&gt;MS, Northeastern Illinois University&lt;br&gt;PHD, NOVA Southeastern University</td>
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<tr>
<td>Timothy Anderson</td>
<td>Associate Professor II of Speech</td>
<td>BA, Eastern Illinois University&lt;br&gt;MA, Eastern Illinois University</td>
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<tr>
<td>Mary Arndt</td>
<td>Professor II of Nursing</td>
<td>License: Registered Professional Nurse, State of Illinois</td>
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<tr>
<td>Jesse Bader</td>
<td>Professor I of Computer Aided Design</td>
<td>Certificate: Basic Vocational Specialist, Elgin Community College</td>
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<tr>
<td>Naima Bahaji</td>
<td>Professor II of Mathematics</td>
<td>AS, Elgin Community College</td>
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<tr>
<td>Abigail Bailey</td>
<td>Associate Professor I of Mathematics</td>
<td>BS, Northern Illinois University</td>
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<tr>
<td>Sara Baker</td>
<td>Professor II of English</td>
<td>AB, Ripon College</td>
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<tr>
<td>Sharon Baker</td>
<td>Professor I of Psychology</td>
<td>BA, Northwestern University, PSYD, Chicago School of Professional Psychology</td>
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<tr>
<td>Tina Ballard</td>
<td>Associate Professor II of Reading</td>
<td>BA, Western Illinois University</td>
</tr>
<tr>
<td>Elizabeth Becker</td>
<td>Professor II of Biology</td>
<td>BA, Cornell College</td>
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<tr>
<td>Marc Beth</td>
<td>Associate Professor I of Music</td>
<td>MM, Bowling Green State University</td>
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<tr>
<td>Kenneth Beynon</td>
<td>Assistant Professor II of Mathematics</td>
<td>BS, Northern Illinois University</td>
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<td>Ginger Bohlen</td>
<td>Assistant Professor I of Biology</td>
<td>License: License Prac. Nursing, Alpena Community College</td>
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<tr>
<td>Kellen Bolt</td>
<td>Instructor of English</td>
<td>BA, University of Kansas</td>
</tr>
<tr>
<td>Amy Brandolino</td>
<td>Instructor of Art History</td>
<td>MA, University of Chicago</td>
</tr>
<tr>
<td>Sarah Burkhart</td>
<td>Instructor of English as a Second Language</td>
<td>BA, Wheaton College</td>
</tr>
<tr>
<td>Kristen Campbell</td>
<td>Associate Professor I of Mathematics</td>
<td>AA, William Rainey Harper College</td>
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<tr>
<td>Jessica Carpenter</td>
<td>Professor II of Psychology</td>
<td>BS, University of Illinois At Urbana-Champaign</td>
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<tr>
<td>Lori Clark</td>
<td>Professor I of English</td>
<td>AA, Lake Land College</td>
</tr>
<tr>
<td>Linda Conniff</td>
<td>Professor II of Digital Technologies</td>
<td>Certificate: Master Online Teacher Cert., University of Illinois At Urbana-Champaign</td>
</tr>
<tr>
<td>Javier Coronado-Aliegro</td>
<td>Associate Professor II of Spanish</td>
<td>MA, West Virginia University</td>
</tr>
<tr>
<td>Johanna Cummings Bernard</td>
<td>Professor II of English</td>
<td>BA, University of Texas At San Antonio, MA, University of Texas At San Antonio</td>
</tr>
<tr>
<td>Christopher Cunningham</td>
<td>Instructor of Mathematics</td>
<td>MS, Cornell University</td>
</tr>
<tr>
<td>Latasha Dehaan</td>
<td>Assistant Professor I of History/Political Science</td>
<td>MA, Western Michigan University</td>
</tr>
<tr>
<td>Name</td>
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<tr>
<td>William Demaree</td>
<td>Professor II of English Composition</td>
<td>BA, Purdue University West Lafayette, MA, Purdue University West Lafayette</td>
</tr>
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<td>PHD, Purdue University West Lafayette</td>
</tr>
<tr>
<td>Chalyce Deterding</td>
<td>Assistant Professor II of Mathematics</td>
<td>BS, University of Missouri, MS, Northern Illinois University</td>
</tr>
<tr>
<td>James Dittus</td>
<td>Professor II of Communication Studies</td>
<td>BA, University of Denver, MA, University of Nebraska</td>
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<td>PHD, Loyola University Chicago</td>
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<tr>
<td>Alison Douglas</td>
<td>Professor II of English</td>
<td>MA, North Central College</td>
</tr>
<tr>
<td>Glenn Earl</td>
<td>Professor II of Business</td>
<td>BS, Indiana State University, MBA, Keller Graduate School of Management</td>
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<tr>
<td>Heidi Eaton</td>
<td>Professor II of Digital Technologies</td>
<td>BS, Western Illinois University, MA, California State University</td>
</tr>
<tr>
<td>John Eltzroth</td>
<td>Associate Professor I of Physics</td>
<td>BS, University of Illinois At Urbana-Champaign, MS, University of Texas At Arlington</td>
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<tr>
<td>Aja Ferguson</td>
<td>Instructor of Nursing</td>
<td>License: Registered Professional Nurse, State of Illinois, BS, University of Phoenix, MS, University of Phoenix</td>
</tr>
<tr>
<td>Donna Garcia</td>
<td>Professor II of Biology</td>
<td>BS, Northern Illinois University, MS, Northern Illinois University, MS, Northern Illinois University</td>
</tr>
<tr>
<td>Patrick Gordon</td>
<td>Associate Professor II of General Business</td>
<td>BS, Cornell University, MS, Northern Illinois University, JD, University of Chicago</td>
</tr>
<tr>
<td>Gary Grohs</td>
<td>Professor II of Mathematics</td>
<td>MS, Northern Illinois University</td>
</tr>
<tr>
<td>Chasity Gunn</td>
<td>Instructor of English</td>
<td>MFA, Hamline University</td>
</tr>
<tr>
<td>Sally Guy</td>
<td>Associate Professor II of Adult Basic Education</td>
<td>BS, University of Illinois At Urbana-Champaign, MED, University of Illinois At Urbana-Champaign</td>
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<tr>
<td>Clark-Anson Hallpike</td>
<td>Professor II of Business</td>
<td>BBA, Kent State University, MBA, Kent State University</td>
</tr>
<tr>
<td>Peter Han</td>
<td>Assistant Professor II of Humanities</td>
<td>BA, University of Illinois At Urbana-Champaign, MBA, University of Illinois At Urbana-Champaign, THM, Garrett-Evangelical Theological Seminary, PHD, University of Chicago</td>
</tr>
<tr>
<td>Mia Hardy</td>
<td>Assistant Professor I of Sociology</td>
<td>PHD, Georgia State University</td>
</tr>
<tr>
<td>Robert Harmon</td>
<td>Professor II of History &amp; Political Science</td>
<td>BA, DePaul University, MA, DePaul University, MA, University of Rochester</td>
</tr>
<tr>
<td>Laura Haske</td>
<td>Associate Professor I - Paralegal</td>
<td>BA, Belmont University, JD, Hamline University</td>
</tr>
<tr>
<td>Marc Healy</td>
<td>Professor I of Anthropology</td>
<td>AB, Ripon College, MA, University of New Mexico</td>
</tr>
<tr>
<td>Elizabeth Hope</td>
<td>Assistant Professor I of Human Services</td>
<td>BA, College of St Benedict, MS, Purdue Calumet, PHD, University of Minnesota</td>
</tr>
<tr>
<td>Name</td>
<td>Title</td>
<td>Education</td>
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</tr>
</tbody>
</table>
| Marc Hucek         | Associate Professor I of Welding | Certificate: AWS Certified Welder, American Welding Society  
Certificate: Basic Vocational Specialist, Elgin Community College  
MA, Concordia University  
MS, Illinois State University |
| Roxana Idu         | Assistant Professor II of Economics | MA, State University of New York at Buffalo  
PHD, State University of New York at Buffalo |
| Catherine Incapreo | Professor I of Nursing        | Certificate: Basic Life Support Provider, American Heart Association  
License: Certified Nurse Practitioner, State of Illinois  
License: Registered Professional Nurse, State of Illinois  
BS, Northern Illinois University  
MS, Northern Illinois University |
| Jabra Jassim       | Professor II of Chemistry     | PHD, University of Denver |
| Stephanie Johnson  | Professor II of Culinary Arts & Hospitality | License: Food Service Sanitation, State of Illinois  
AAS, Elgin Community College  
BS, New York Institute of Technology |
| Daniel Josh        | Assistant Professor I of Visual Arts | BS, Illinois State University  
MFA, Northern Illinois University  
MFA, Rochester Institute of Technology |
| Timothy Kaar       | Professor II of Graphic Design | Certificate: Master Online Teacher Cert., University of Illinois at Springfield  
BA, Blackburn College  
MA, University of Chicago  
MFA, Northern Illinois University |
| Jason Kane         | Professor II of English       | BA, Central Michigan University  
MA, Central Michigan University |
| Daniel Kernler     | Professor II of Mathematics   | BS, University of Minnesota  
MS, University of Minnesota |
| Ryan Kerr          | Associate Professor I of English | BA, Illinois State University  
MA, Eastern Michigan University |
| Michelle Kershner  | Associate Professor I of Mathematics | BS, Loyola University Chicago  
MED, National Louis University |
| Edward Kroll       | Professor I of Biology        | Certificate: Creative Problem Solving, International Renewal Institute  
AS, Joliet Junior College  
BS, University of Saint Francis  
MS, Illinois State University |
| Dana Kurpius       | Associate Professor II of Biology | Certificate: Creative Problem Solving, International Renewal Institute  
BS, Northern Illinois University  
MS, University of Iowa |
| Margaret Le Moyne  | Instructor of Nursing         | Certificate: Certified Nurse Educator, National League for Nursing  
License: Registered Professional Nurse, State of Illinois  
BS, Roosevelt University  
MS, Western Governors University |
| Christina Leverenzzi| Professor II of Graphic Design | AA, Elgin Community College  
AAS, Elgin Community College  
BA, National College of Education  
BA, Western Illinois University  
MA, California State University  
MS, California State University |
| Travis Linville    | Associate Professor II of Photography | BFA, Miami University  
MFA, Clemson University |
<table>
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<tr>
<th>Name</th>
<th>Position</th>
<th>Education/Professional Background</th>
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</table>
| Eric Long          | Associate Professor II of Speech | BS, Bradley University  
MA, Northern Illinois University  
MED, University of Illinois At Urbana-Champaign |
| Michael Marin      | Instructor of HVAC        | Certificate: Basic Vocational Specialist, Elgin Community College  
Certificate: Vocational Specialist, Elgin Community College  
AAS, Elgin Community College |
| Christina Marrocco | Associate Professor II of English | AA, Elgin Community College  
BA, Northern Illinois University  
MA, Northern Illinois University  
PHD, Northern Illinois University |
| David Martin       | Assistant Professor II of Medical Imaging | Certificate: Radiography, The American Registry of Radiologic Technologists  
BS, Midwestern State University  
MBA, Western Governors University |
| Fabio Martinez     | Professor I of Automotive | Certificate: Automobile Technician, National Institute for Automotive Service Excellence  
AA, Community College of the Air Force  
BS, Southern Illinois University Carbondale |
| Luis Martinez      | Professor II of Biology   | MD, Universidad de Los Andes |
| Shawn Maxwell      | Associate Professor II of Music | Certificate: State Teacher Certification Board, State of Illinois |
| Lisa McCarthy-West | Professor I of Nursing    | License: Registered Professional Nurse, State of Illinois  
BA, Clarke College  
MS, Rush University |
| Leslie McTighe     | Professor II of Humanities | PHD, Northwestern University |
| Tracy Meyer        | Assistant Professor II of Mathematics | BS, University of Illinois At Urbana-Champaign  
MS, University of Illinois At Urbana-Champaign |
| Shawn Mikulay      | Professor II of Psychology | AA, Elgin Community College  
BA, Northern Illinois University  
MA, Northern Illinois University  
MS, Northern Illinois University  
PHD, Northern Illinois University |
| Carissa Miller     | Instructor of English     | BA, Aurora University  
MA, Western Illinois University |
| Catherine Moushon  | Professor II of Mathematics | BS, Arkansas Tech University  
MA, Eastern Illinois University |
| John Mravik        | Associate Professor I of English | BS, Roosevelt University  
MA, Northern Illinois University |
| Dawn Munson        | Professor II of Education | BS, University of Illinois At Urbana-Champaign  
MSED, Northern Illinois University  
EDD, Northern Illinois University |
| Michele Noel       | Professor II of English   | BA, North Central College  
MA, Loyola University Chicago |
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<tr>
<th>Name</th>
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<th>Education/Certificate</th>
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| Gary Norden        | Professor II of Automotive   | Certificate: Advanced Level Specialist, National Institute for Automotive Service Excellence  
|                    |                              | Certificate: Auto Service Excellence, Oakton Community College                          
|                    |                              | Certificate: Automotive Tech App, Oakton Community College                              
|                    |                              | Certificate: Collision Repair, National Institute for Automotive Service Excellence      
|                    |                              | Certificate: Engine Machinist, National Institute for Automotive Service Excellence      
|                    |                              | Certificate: Master Automobile Technician, National Institute for Automotive Service Excellence  
|                    |                              | Certificate: Master Medium/Heavy Truck Technician, National Institute for Automotive Service Excellence  
|                    |                              | AAS, Oakton Community College                                                           
| Patricia O’Brien   | Professor II of Sociology    | BA, University of Illinois At Chicago                                                  
|                    |                              | MA, University of Illinois At Chicago                                                  
|                    |                              | PHD, University of Illinois At Chicago                                                 
| Mary O’Sullivan    | Professor II of Biology      | BS, Winona State University                                                            
|                    |                              | MS, University of Cincinnati                                                           
| Nicholas Obradovich| Associate Professor I of English| BS, University of Illinois At Urbana-Champaign                                       
|                    |                              | MS, National Louis University                                                          
| David Packard      | Associate Professor I of Accounting | BS, Northern Illinois University                                                       
|                    |                              | MBA, Northern Illinois University                                                      
| Joel Peck          | Professor II of Art History  | BFA, University of Illinois At Urbana-Champaign                                       
|                    |                              | MFA, University of Iowa                                                                
| Geoffrey Pynn      | Assistant Professor II of Philosophy | BA, Bates College                                                                     
|                    |                              | MA, Yale University                                                                   
|                    |                              | MPHIL, Yale University                                                                 
|                    |                              | PHD, Yale University                                                                   
| Hani Qasmieh       | Professor II of Biology      | License: Certified Allied Health Instructor, American Medical Technologists            
|                    |                              | BS, University of Jordan                                                               
|                    |                              | MS, Chicago State University                                                           
| Antonio Ramirez    | Assistant Professor II of History/Political Science | BS, University of Wisconsin-Milwaukee                                                 
|                    |                              | MA, University of Michigan-Ann Arbor                                                   
| Todd Ramljak       | Assistant Professor II of Criminal Justice | MS, Lewis University                                                                 
| Parul Raval        | Professor I of Education     | BSED, Loyola University Chicago                                                        
|                    |                              | MED, Cambridge College                                                                 
|                    |                              | EDD, Northern Illinois University                                                      
| David Reich        | Professor II of Welding      | Certificate: Advanced Motorsports, Lincoln Electric Co                                
|                    |                              | Certificate: Basic Motorsports, Lincoln Electric Co                                   
|                    |                              | Certificate: Basic Vocational Specialist, Elgin Community College                     
|                    |                              | Certificate: Vocational Specialist, Elgin Community College                            
|                    |                              | Certificate: Weldability of Ferrous Nonferrous Mtls, Hobart Institute of Welding Technology 
|                    |                              | Certificate: Welding Instructor, American Welding Society                             
|                    |                              | AAS, Elgin Community College                                                           
|                    |                              | BS, Southern Illinois University Carbondale                                             
| Miroslav Rezac     | Professor II of Chemistry    | MA, Columbia University                                                                
|                    |                              | MS, Columbia University                                                                
|                    |                              | PHD, Columbia University                                                               

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<tr>
<th>Name</th>
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</table>
| Marisol Rivera        | Assistant Professor I of History/Political Science | BA, Roosevelt University  
MA, Roosevelt University  
PHD, Loyola University Chicago |
| Susan Robinson        | Assistant Professor II of Theatre             | BA, Thomas More College  
MFA, Illinois State University |
| Michel Roman          | Professor I of English                        | Certificate: Cert Coll Learning Teaching, Loyola University Chicago  
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MA, University of Illinois at Chicago |
| George Rosa           | Associate Professor I of HVAC                 | Certificate: Basic Vocational Specialist, Elgin Community College  
Certificate: Vocational Specialist, Elgin Community College  
AA, Elgin Community College  
AAS, Elgin Community College  
BS, Southern Illinois University Carbondale |
| Joseph Rosenfeld      | Professor II of Human Services                | License: Clinical Psychologist, State of Illinois  
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MSED, Northern Illinois University  
PSYD, Chicago School of Professional Psychology |
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MS, National Louis University |
| Eva Rudzinski         | Instructor of Mathematics                     | BA, University of Bialystok  
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| Roda Ryan             | Professor II of Surgical Technology           | License: Registered Professional Nurse, State of Illinois  
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| Manuel Salgado        | Professor II of Psychology                    | BA, Northern Illinois University  
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PHD, Loyola University Chicago |
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MED, University of Illinois at Chicago  
PHD, University of Illinois at Chicago |
| Nicole Scherer        | Professor II of Mathematics                   | BS, Loyola University Chicago  
MAT, Rockford University  
MS, Loyola University Chicago  
EDD, Northern Illinois University |
| Michelle Scheri       | Instructor of Nursing                         | Certificate: Basic Life Support Provider, American Heart Association  
License: Registered Professional Nurse, State of Illinois  
MSN, Robert Morris University |
| Adam Schlipmann       | Instructor of Music                           | BME, University of Illinois  
MME, University of Illinois |
| Amy Schneider         | Instructor of Nursing                         | License: Registered Professional Nurse, State of Illinois  
MS, Walden University |
| Stacey Shah           | Associate Professor II/Distance Learning Librarian | MA, Northwestern University  
MS, University of Illinois at Urbana-Champaign |
| Christopher Sikora    | Assistant Professor II Computer Aided Design  | PRB, Illinois Institute of Technology  
MA, Illinois Institute of Technology |
<table>
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<tr>
<th>Name</th>
<th>Title</th>
<th>Education/Experiences</th>
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| Angelika Stachnik     | Associate Professor I of Medical Imaging | Certificate: Radiography, State of Illinois  
Certificate: Radiography, The American Registry of Radiologic Technologists  
BS, National Louis University  
MHA, National Louis University |
| Leticia Starkov       | Professor II of Economics    | MA, Universidad de Las Americas  
MA, West Virginia University  
PHD, West Virginia University |
| Patrick Stewart       | Assistant Professor II of Culinary Arts & Hospitality | AOS, Culinary Institute of America  
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| Rachael Stewart       | Professor II of English      | BA, Union Institute University  
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| Colleen Stribling     | Associate Professor II of English as a Second Language | BS, University of Illinois At Urbana-Champaign  
MIBS, University of South Carolina  
MSED, Northern Illinois University  
EDD, Northern Illinois University |
| Eleanor Swanson       | Professor I Technical Services Librarian | AB, University of Illinois At Urbana-Champaign  
MLS, Dominican University  
JD, DePaul University |
| Barbara Tarin         | Instructor of Nursing        | License: Registered Professional Nurse, State of Illinois  
MSN, Chamberlain University |
| Kimberly Tarver       | Professor II of Physical Therapist Assistant | Certificate: National Incident Management System, Emergency Management Institute  
License: Licensed Physical Therapist, State of Illinois  
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BS, University of Illinois At Chicago  
MPH, Benedictine University |
| Karen Taylor          | Professor II of Nursing      | License: Registered Professional Nurse, State of Illinois  
BSPA, St Joseph's College  
MSN, Aurora University |
| Joshua Thusat         | Assistant Professor II of English | MA, Northeastern Illinois University |
| Susan Timm            | Professor II of Digital Technologies | BA, State University of New York  
MA, State University of New York  
MSED, Northern Illinois University  
EDD, Northern Illinois University |
| Umberto Tinajero      | Instructor of IMT / CIM      | Certificate: Basic Vocational Specialist, Elgin Community College  
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| Steven Trail          | Professor II of Chemistry    | BA, The King's College  
MS, Cornell University  
PHD, Cornell University |
| Armando Trejo         | Professor I - Archives/Interlibrary Loan Librarian | AA, Elgin Community College  
MLI, Dominican University |
| Jill Turro            | Professor II of Culinary Arts & Hospitality | Certificate: Certified ServSafe Food Protection Mgr, Servsafe Certification  
Certificate: Certified ServSafe Instructor Proctor, Servsafe Certification  
License: Food Service Sanitation, State of Illinois  
BS, University of Wisconsin-Stout  
MBA, Dominican University |
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MRC, University of Puerto Rico-Rio Piedras Campus  
MSED, Chicago State University |
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Certificate: Universal Technician, The ESCO Institute  

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PHD, Michigan State University  

Ranae Ziwiski  
Associate Professor I of Accounting  
BBA, Iowa State University  
MBA, Roosevelt University  
MS, Wilkes College  

Adjunct Faculty

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Education</th>
</tr>
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</table>
| Miriam Abe         | English as a Second Language Unit Adjunct I   | Certificate: Cert Program-TESOL, State of Illinois  
|                    | Faculty                                       | Certificate: Standard Secondary Teaching, State of Illinois  
|                    |                                               | BS, University of Sao Paulo  
|                    |                                               | MED, Shizuoka University  
|                    |                                               | PHD, Shizuoka University  
| Sanaa Abuzaid      | Nursing Adjunct Faculty                       | License: Registered Professional Nurse, State of Illinois  
|                    |                                               | MS, North Park University  
| Angela Addy        | ESL Adjunct Faculty                           | BED, Ghana College and University  
|                    |                                               | MA, Ghana College and University  


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<tr>
<th>Name</th>
<th>Department Adjunct Faculty</th>
<th>Degree Details</th>
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<tbody>
<tr>
<td>Divya Ajinth</td>
<td>ABE &amp; Sec Ed Unit Adj Faculty</td>
<td>BS, University of Kerala MED, Concordia University MS, University of Kerala</td>
</tr>
<tr>
<td>William Akers</td>
<td>English Unit Adjunct Faculty</td>
<td>MAT, Loyola Marymount University PHD, University of Southern California</td>
</tr>
<tr>
<td>Paulino Alarcon</td>
<td>English as a Second Language Unit Adjunct I Faculty</td>
<td>BS, DePaul University MA, Quincy University</td>
</tr>
<tr>
<td>Suman Ali</td>
<td>Psychology Adjunct Faculty</td>
<td>PHD, Chicago School of Professional Psychology</td>
</tr>
<tr>
<td>Robert Allare</td>
<td>History Adjunct Faculty</td>
<td>BS, Northern Illinois University MA, Northern Illinois University</td>
</tr>
<tr>
<td>Juana Alonzo</td>
<td>Integrated Systems Adjunct Faculty</td>
<td>Certificate: Basic Vocational Specialist, Elgin Community College Certificate: Vocational Specialist, Elgin Community College AAS, Elgin Community College</td>
</tr>
<tr>
<td>Jennifer Altman</td>
<td>English Unit Adjunct Faculty</td>
<td>BA, Elmhurst College MA, Northern Illinois University</td>
</tr>
<tr>
<td>Cecile Amador</td>
<td>ESL Unit Adjunct Faculty</td>
<td>BA, Normal Superior Enrique Finot MA, Roosevelt University MAD, University of Phoenix</td>
</tr>
<tr>
<td>Janice Amos</td>
<td>History Adjunct Faculty</td>
<td>BA, Northeastern Illinois University MA, Northeastern Illinois University</td>
</tr>
<tr>
<td>Cecilia Anderson</td>
<td>Education Adjunct Faculty</td>
<td>BME, Roosevelt University MM, Silver Lake College</td>
</tr>
<tr>
<td>Jeanne Anderson</td>
<td>English Unit Adjunct Faculty</td>
<td>AA, College of Dupage BS, Illinois State University MA, DePaul University</td>
</tr>
<tr>
<td>Kimberly Anderson</td>
<td>Accounting Unit Adjunct Faculty</td>
<td>BS, Elmhurst College BS, Illinois State University</td>
</tr>
<tr>
<td>Michael Anderson</td>
<td>ABE &amp; Sec Ed Adj Faculty</td>
<td>BS, Illinois State University</td>
</tr>
<tr>
<td>Marisa Andropolis</td>
<td>Art Adjunct Faculty</td>
<td>MFA, University of Mississippi</td>
</tr>
<tr>
<td>Alaa Arif</td>
<td>ABE &amp; Sec Ed Unit Adj Faculty</td>
<td>MA, University of Phoenix MS, University of Oklahoma Norman Campus</td>
</tr>
<tr>
<td>Sorin Ariton</td>
<td>ESL Adjunct Faculty</td>
<td>MA, National Louis University</td>
</tr>
<tr>
<td>Anita Armstrong Tunc</td>
<td>ESL Unit Adjunct Faculty</td>
<td>BA, University of Northumbria At Newcastle</td>
</tr>
<tr>
<td>Gina Arnold</td>
<td>Radiography Adjunct Instructor</td>
<td>BS, Bloomsburg University MPH, University of Nevada</td>
</tr>
<tr>
<td>Lestil Arnold</td>
<td>Truck Driving Unit Adj Faculty</td>
<td>MS, Elmhurst College</td>
</tr>
<tr>
<td>Lawrence Asmussen</td>
<td>Business Adjunct Faculty</td>
<td>MS, Elmhurst College</td>
</tr>
<tr>
<td>Omotayo Atoyebi</td>
<td>Digital Technologies Adj Faculty</td>
<td>MS, Eastern Illinois University</td>
</tr>
<tr>
<td>Beverly Augustine</td>
<td>Digital Technologies Unit Adj Faculty</td>
<td>AA, Wilbur Wright College AB, University of Illinois At Urbana-Champaign MA, DePaul University</td>
</tr>
<tr>
<td>Laura Azcoitia</td>
<td>ABE &amp; Sec Ed Unit Adj Faculty</td>
<td>BS, Universidad Nacional Autonoma de Mexico MAT, Aurora University</td>
</tr>
<tr>
<td>Kevin Bab</td>
<td>Psychology Adjunct Faculty</td>
<td>AS, Elgin Community College BA, Eastern Illinois University MS, Benedictine University</td>
</tr>
<tr>
<td>Alexis Bach</td>
<td>Graphic Design Unit Adj Faculty</td>
<td>AA, College of Dupage BFA, Ray College of Design</td>
</tr>
<tr>
<td>Leo Bacino</td>
<td>History Unit Adjunct Faculty</td>
<td>BA, Northern Illinois University MA, Northern Illinois University PHD, Northern Illinois University</td>
</tr>
<tr>
<td>Karie Badgley</td>
<td>Physics Unit Adjunct Faculty</td>
<td>BS, Texas AM University- College Station MS, Texas AM University- College Station PhD, Texas AM University- College Station</td>
</tr>
<tr>
<td>Maria Bagshaw</td>
<td>Unit Adjunct II Librarian</td>
<td>MS, Kent State University</td>
</tr>
<tr>
<td>Name</td>
<td>Title</td>
<td>Institution(s)</td>
</tr>
<tr>
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</tr>
<tr>
<td>Christine Baldwin</td>
<td>Reading Adjunct Faculty</td>
<td>MA, Northeastern Illinois University</td>
</tr>
<tr>
<td>Arkadiusz Bar</td>
<td>Digital Technologies Adj Faculty</td>
<td>BS, Northern Illinois University</td>
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<tr>
<td></td>
<td></td>
<td>MS, DePaul University</td>
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<tr>
<td>Kelly Barinholtz</td>
<td>ESL Unit Adjunct Faculty</td>
<td>BSED, Northern Illinois University</td>
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<tr>
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<td>MA, Saint Xavier University</td>
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<tr>
<td>Annette Barker</td>
<td>English as a Second Language Unit Adjunct I Faculty</td>
<td>BED, University of Lethbridge</td>
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<tr>
<td>Victoria Barney</td>
<td>ESL Adjunct Faculty</td>
<td>BA, DePaul University</td>
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<td>MED, Seattle University</td>
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<tr>
<td>Aaron Bartolome</td>
<td>Philosophy Adjunct Faculty</td>
<td>BA, Loyola University Chicago</td>
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<td>MA, Northern Illinois University</td>
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<td>MA, University of Chicago</td>
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<tr>
<td>Shawn Batka</td>
<td>Business Adjunct Faculty</td>
<td>MBA, DePaul University</td>
</tr>
<tr>
<td>D. Andrew Beck</td>
<td>Human Services Unit Adjunct I Faculty</td>
<td>Certificate: Certified AODA Counselor, IL Alcohol Other Drug Abuse Prof Certification Assn</td>
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<tr>
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<td>Certificate: National Certified Recovery Specialist, IL Alcohol Other Drug Abuse Prof Certification Assn</td>
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<td>BA, Aurora University</td>
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<td>MSW, Aurora University</td>
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<tr>
<td>Julie Becker</td>
<td>Graphic Design Unit Adj Faculty</td>
<td>BA, Eastern Illinois University</td>
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<td>MS, Eastern Illinois University</td>
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<tr>
<td>Yvonne Beckway</td>
<td>Graphic Design Unit Adj Faculty</td>
<td>BFA, Ray College of Design</td>
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<td>Sarah Engstrom</td>
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<td>Sandra Eshelman</td>
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<td>Certificate: Radiography, The American Registry of Radiologic Technologists&lt;br&gt;BS, Northern Illinois University</td>
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<td>Susan Espeland</td>
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<td>Reyes Estrada</td>
<td>HVAC Adjunct Faculty</td>
<td>Certificate: Refrig/Air Conditioning Technician, Environmental Technical Institute&lt;br&gt;Certificate: Refrig/Air Conditioning Technician, The ESCO Institute&lt;br&gt;Certificate: Stationary Engineer’s License, City of Elgin</td>
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<td>Barbara Evans</td>
<td>Unit Adjunct II Librarian</td>
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<td>Clinical Lab Tech Adj Faculty</td>
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<td>Certificate: Fire Instructor II, IL Office of the State Fire Marshall&lt;br&gt;AS, Waubonsee Community College</td>
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<td>Joseph Foellmer</td>
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<td>Certificate: Automobile Technician, National Institute for Automotive Service Excellence&lt;br&gt;Certificate: Automotive Tech App, Oakton Community College</td>
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<tr>
<td>Scott Fohrman</td>
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<td>Amber Fornaciari</td>
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<td>Luree Foster</td>
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<td>Therese Gingerich</td>
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<td>Christina Goings</td>
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<td>Jeralynn Gosser</td>
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</table>
| Christina Gozzola    | Nursing Unit Adjunct Faculty               | License: Registered Professional Nurse, State of Illinois  
|                      |                                            | AS, Oakton Community College  
|                      |                                            | BS, Olivet Nazarene University  
|                      |                                            | MS, Olivet Nazarene University  
| Michael Greco        | Business Adjunct Faculty                   | MBA, Loyola University Chicago  
| Andrea Greer         | Geology Adjunct Faculty                    | BA, Northern Illinois University  
| Colin Grennan        | Biology Unit Adjunct I Faculty             | BS, Northern Illinois University  
| Joann Gries          | ESL Unit Adjunct Faculty                   | BA, State University of New York At Buffalo  
| Jeanne Grogan        | English Unit Adjunct Faculty               | AM, University of Michigan-Ann Arbor  
| Michelle Groves      | Biology Adjunct Faculty                    |  
| Renata Gutowska      | ESL Unit Adjunct Faculty                   | BA, University of Warsaw  
|                      |                                            | MA, Northeastern Illinois University  
| Mellissa Gyimah-Concepcion | English Adjunct Faculty                    | BA, Kent State University  
|                      |                                            | MA, DePaul University  
|                      |                                            | PHD, University of Illinois At Chicago  
| Jeffrey Hallgren     | Art Unit Adjunct Faculty                   | MA, Northern Illinois University  
| Marilee Halpin       | ESL Unit Adjunct Faculty                   | BA, Loyola University Chicago  
|                      |                                            | MED, National Louis University  
| Jacqueline Handt     | Radiography Adjunct Instructor             | Certificate: Basic Vocational Specialist, Elgin  
|                      |                                            | Community College  
|                      |                                            | Certificate: Radiography, State of Illinois  
|                      |                                            | AAS, Elgin Community College  
|                      |                                            | BS, Northern Illinois University  
| Daniel Hanners       | Graphic Design Adj Faculty                 | MA, Northern Illinois University  
| Fern Harris          | Reading Adjunct Faculty                    | BSED, Central Michigan University  
|                      |                                            | MA, Central Michigan University  
|                      |                                            | DED, Central Michigan University  
| Melissa Harris       | Transition Academy Non-Credit Instructor   |  
| Jennifer Hart        | English Unit Adjunct Faculty               | BA, Northern Illinois University  
|                      |                                            | MA, Northern Illinois University  
| Jacqueline Hartley   | Transition Academy Non-Credit Instructor   | MA, University of Chicago  
|                      |                                            | MS, University of Wisconsin-Madison  
| Liana Haule          | ESL Adjunct Faculty                        | BA, North Central College  
| Lisabeth Hawks       | ESL Adjunct Faculty                        | BA, Clarke College  
|                      |                                            | MA, Ohio State University  
| Ellen Herbert        | ESL Unit Adjunct Faculty                   | BA, University of Dubuque  
| Kenneth Herman       | Sociology Unit Adjunct I Faculty           | BS, Western Illinois University  
|                      |                                            | MA, Roosevelt University  
| Cynthia Hernandez    | Music Non-Credit Instructor                | BS, University of Illinois At Urbana-Champaign  
| Daniel Hernandez     | Surgical Tech Unit Adj Faculty             | Certificate: Vocational Specialist, Elgin  
|                      |                                            | Community College  
| Shime Herrera        | Nursing Unit Adjunct I Faculty             | BS, Filamer Christian University  
| Christa Hitzeroth    | Sociology Unit Adjunct Faculty             | MA, University of Iowa  
|                      |                                            |  
| Ryan Hobbs           | Music Adjunct Faculty                      | BM, DePaul University  
|                      |                                            | MA, University of Wisconsin-Milwaukee  
| Randall Hodges       | Education Adjunct Faculty                  | Certificate: Certificate of Advanced Study, University of Illinois At Urbana-Champaign  
|                      |                                            | BED, University of Michigan-Ann Arbor  
|                      |                                            | MA, Eastern Michigan University  
|                      |                                            | EDD, University of Illinois At Urbana-Champaign  

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<tr>
<th>Name</th>
<th>Unit/Adjunct Faculty</th>
<th>Education and Certifications</th>
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</table>
| Jude Hoecker   | Nursing Unit Adjunct I Faculty       | AAS, Oakton Community College  
BS, Loyola University Chicago  
MSN, University of Phoenix |
| Michelle Hoeflch | Accounting Unit Adjunct Faculty     | BS, DePaul University  
MS, DePaul University |
| Katrina Hoekstra | Mathematics Unit Adjunct I Faculty  | BA, Spring Arbor College  
MA, Western Michigan University |
| Gail Hoffman   | Surgical Tech Adjunct Faculty       | BA, Northern Illinois University  
MSED, Northern Illinois University |
| Richard Hoffmann | Criminal Justice Unit Adjunct I Faculty | Certificate: Cert Tool Die Maker, Triton College  
BA, Lewis University  
MS, Lewis University |
| Richard Hoke   | HVAC Unit Adjunct Faculty            | Certificate: Operations Maintenance, University of Illinois At Chicago  
Certificate: Stationary Engineer’s License, City of Elgin |
| Elizabeth Holmer | Physical Therapist Assistant Unit Adjunct I Faculty | License: Licensed Physical Therapist, State of Illinois  
BS, Marquette University  
MA, Roosevelt University |
| Van Holt       | Business Unit Adjunct I Faculty      | BS, Rockford University  
MBA, Roosevelt University |
| Robert Horn    | Graphic Design Adj Faculty           | BA, DePaul University |
| Erin Howard    | History Unit Adjunct I Faculty       | BA, North Central College  
MA, Loyola University Chicago |
| Constance Hughes | Music Adjunct Faculty                  | MM, Roosevelt University |
| Elizabeth Hultman | Unit Adjunct II Librarian                | MLI, Dominican University |
| Jeffrey Hunt   | Music Unit Adjunct Faculty           | MM, Northwestern University |
| Bilal Hussain  | Sociology Adjunct Faculty            | MA, Loyola University |
| Candice Inc    | Art Adjunct Faculty                  | BFA, Northern Michigan University  
MFA, Lesley College |
| Nancy Israel   | Transition Academy Non-Credit Instructor |                                                                                             |
| Christopher Jackson | Music Adjunct Faculty                  | BS, Bowling Green State University  
MM, Northern Illinois University |
| Eddie Jackson  | Criminal Justice Unit Adjunct Faculty | BS, Western Illinois University  
MBA, Aurora University |
| Gary Jacobs    | Emergency Services Unit Adjunct I Faculty | Certificate: Basic Vocational Specialist, Elgin Community College  
Certificate: Fire Instructor II, IL Office of the State Fire Marshall  
License: Emergency Medical Technician Paramedic, State of Illinois |
| Stephen Jankiewicz | Anthropology Adjunct Faculty           | BA, University of Illinois At Urbana-Champaign  
MA, Northern Illinois University  
MBA, University of Illinois At Urbana-Champaign |
| Garret Jerger  | English as a Second Language Unit Adjunct I Faculty | License: Professional Educator License, State of Illinois  
MA, Concordia University |
| Jennifer Jeschke | Physical Ed Unit Adjunct Faculty              | BA, Carthage College |
| Richard Jesik  | Astronomy Unit Adjunct I Faculty       | BS, Wichita State University  
MS, University of Illinois At Chicago  
PHD, University of Illinois At Chicago |
<table>
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<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Paula Johannesen</td>
<td>Music Adjunct Faculty</td>
<td>AA, College of Dupage, BM, University of Illinois At Urbana-Champaign, MM, Roosevelt University</td>
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<tr>
<td>Amy Johnson</td>
<td>Criminal Justice Adj Faculty</td>
<td>MS, Purdue University Global</td>
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<td>Sharel Johnson</td>
<td>Music Adjunct Faculty</td>
<td>BFA, The New School, MA, The Juilliard School</td>
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<tr>
<td>Shelley Johnson</td>
<td>ABE Unit Adjunct I Faculty</td>
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<td>Lori Jones</td>
<td>Math Unit Adjunct Faculty</td>
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<td>Mae Jones</td>
<td>Business Unit Adjunct I Faculty</td>
<td>Certificate: Certified Adjunct Faculty Educator, Society of Certified Adjunct Faculty Educators (socafe) Certificate: Teachers Training Certificate, University of Illinois BA, Northeastern Illinois University MA, Northeastern Illinois University PHD, Union Institute University</td>
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<tr>
<td>Rise Jones</td>
<td>Music Non-Credit Instructor</td>
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<td>Shana Jones</td>
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<td>Brent Jordan</td>
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<td>Kathleen Joyce</td>
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<td>AS, Central Ymca Community College, BS, Elmhurst College, MS, Saint Xavier University</td>
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<td>Joenil Jumbas</td>
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<td>Eric Junco</td>
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<td>Maureen Kalinowski</td>
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<td>Ami Kalisek</td>
<td>Massage Therapy Unit Adjunct I Faculty</td>
<td>License: Licensed Massage Therapist, Cortiva Institute License: Licensed Massage Therapist, State of Illinois</td>
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<td>Shanthi Kamarajan</td>
<td>Digital Technologies Unit Adj Faculty</td>
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<td>James Kanas</td>
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<td>Julie Keating</td>
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<td>Donald Kilpatrick</td>
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<td>Marion Knauer</td>
<td>Massage Therapy Unit Adjunct I Faculty</td>
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<td>Reimund Koehler</td>
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<td>Krista Koellner</td>
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<td>Diane Kondratowicz</td>
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<td>Cheryl Kordik</td>
<td>Chemistry Unit Adjunct I Faculty</td>
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<td>Joy Krispin</td>
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<td>Donna Kruse</td>
<td>Nursing Unit Adjunct Faculty</td>
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<td>Bogumila Kuczynski</td>
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<td>Lindsay Loehner</td>
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<td>Brandi Lopez</td>
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<td>License: Registered Professional Nurse, State of Illinois MS, University of Illinois At Chicago</td>
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<td>Regina Lopez</td>
<td>Culinary Arts &amp; Hospitality Unit Adj Faculty</td>
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<td>Claudia Lopez Heinrich</td>
<td>English as a Second Language Unit Adjunct I Faculty</td>
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<tr>
<td>Michael Loss</td>
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<tr>
<td>Emily Loveland</td>
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<td>James Lowers</td>
<td>Intensive Eng Non-Credit Instructor</td>
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<tr>
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<td>Jie Lu</td>
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<td>Alina Lukaczyk</td>
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<td>Jane Maas</td>
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<tr>
<td>Judy Marquardt</td>
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<td>Lois Marquardt-Casper</td>
<td>Chemistry Unit Adj Faculty</td>
<td>BA, Augustana College MS, Illinois State University MS, University of Iowa</td>
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<td>Jessica Marshall</td>
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<td>Deyana Matt</td>
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<td>JoAnne Matzke</td>
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<td>Thomas Mayton</td>
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<td>Orland McCarthy</td>
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| Laura McGovern              | Health/Wellness Mgmt Unit Adjunct I Faculty | Certificate: Strength Conditioning Specialist, National Strength Conditioning Association  
|                             |                                        | BS, University of Illinois At Urbana-Champaign                                         
|                             |                                        | MA, Northern Illinois University                                                      |
| Susan McGrath               | Mathematics Unit Adjunct II Faculty     | BS, Northern Illinois University                                                       |
| Christine McGuire           | Anthropology Unit Adj Faculty           | BA, University of Illinois At Chicago                                                 |
|                             |                                        | MA, Northern Illinois University                                                      |
| Ryan McGuire                | Astronomy Unit Adj Faculty              | BS, Valparaiso University                                                               |
|                             |                                        | MS, Northern Arizona University                                                       |
| Virginia McHugh Kurtz       | Biology Unit Adjunct Faculty            | BS, University of Illinois At Urbana-Champaign                                         
|                             |                                        | MS, University of Illinois At Urbana-Champaign                                         |
| Dave McIlvaine              | Welding Unit Adjunct Faculty II         | Certificate: Basic Vocational Specialist, Elgin Community College                     |
| Mary McInerney              | Biology Unit Adjunct I Faculty          | License: Licensed Dietitian Nutritionist, State of Illinois                            
|                             |                                        | BS, St Louis University                                                                |
|                             |                                        | MS, Illinois State University                                                          |
| Bruce McLane                | Dental Assist Unit Adj Faculty          | License: Licensed Dentist, State of Illinois                                          
|                             |                                        | DDS, Loyola University Chicago                                                        |
| Iva McRoberts               | English Unit Adjunct Faculty            | BA, Southern Illinois University Carbondale                                            |
|                             |                                        | MA, Southern Illinois University Carbondale                                            |
| Jennifer Meadows            | Math Unit Adjunct Faculty               | Certificate: Standard Secondary Teaching, State of Illinois                           
|                             |                                        | BS, Roosevelt University                                                              |
|                             |                                        | MA, Roosevelt University                                                              |
| James Meletsis              | Welding Unit Adjunct Faculty II         |                                                                                       |
| Eric Meloche                | Physics Adjunct Faculty                 | DOC, University of Western Ontario                                                    |
| Erin Menig                  | Geology Unit Adjunct Faculty            | BS, Northland College                                                                 |
|                             |                                        | MS, Southern Illinois University Carbondale                                            |
| Scott Metlicka              | Music Adjunct Faculty                   | MM, Northwestern University                                                           |
| Betsy Metzger               | Accelerating Opportunity Support Unit Adjunct I Faculty | BA, Western Governors University                                                      |
|                             |                                        | MA, Judson University                                                                |
| Laura Meyer                 | Math Unit Adjunct Faculty               | BS, Northern Illinois University                                                      |
|                             |                                        | MED, American College of Education                                                    |
| Eddwin Meyers               | Art Unit Adjunct Faculty                | BS, Southern Illinois University Carbondale                                            |
|                             |                                        | MFA, Southern Illinois University Carbondale                                           |
| Loretta Mielcarek           | Graphic Design Unit Adj Faculty         | BFA, Northern Illinois University                                                     |
|                             |                                        | MFA, Southern Illinois University Carbondale                                           |
| Timothy Millen              | Geography Unit Adjunct Faculty          | MADED, National Louis University                                                     |
| Abraham Miller              | Digital Technologies Unit Adjunct I Faculty | BS, DePaul University                                                              |
|                             |                                        | MS, DePaul University                                                               |
| Hollis Miller               | Emergency Services Laboratory Instructor | Certificate: Cert of Achievement-Fire Fighter, IL Office of the State Fire Marshall  
<p>|                             |                                        | Certificate: Fire Instructor II, IL Office of the State Fire Marshall                  |
| Jennifer Misner             | Emergency Services Laboratory Instructor | Certificate: Basic Vocational Specialist, Elgin Community College                    |
|                             |                                        | BS, Millikin University                                                               |
| Rachana Misraraj            | Psychology Unit Adjunct Faculty         |                                                                                       |
| Leah Mitchell               | Art Adjunct Faculty                    | MFA, Northern Illinois University                                                     |
| Kerena Moeller              | Music Adjunct Faculty                   | MM, Eastman School of Music University of Rochester                                   |
| Abdollah Mohammadi          | Physics Adjunct Faculty                 | PhD, Shiraz University                                                                |
| Annabell Morales-O‘Quinn    | English as a Second Language Unit Adjunct I Faculty | BA, Universidad Central de Bayamon                                                    |
|                             |                                        | MS, University of Illinois                                                            |
| Jeffrey Morris              | Welding Unit Adjunct I                 | Certificate: Automobile Technician, National Institute for Automotive Service Excellence |</p>
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<tr>
<td>Marina Morrow</td>
<td>Physical Science Unit</td>
<td>Adjunct Faculty</td>
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<tr>
<td>Andrew Mullally</td>
<td>Art Unit</td>
<td>Adjunct 1 Faculty</td>
<td>MA, University of Iowa, MFA, University of Iowa</td>
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<tr>
<td>Jamie Mussen</td>
<td>Nursing Adjunct Faculty</td>
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<td>Certificate: Basic Life Support Provider, American Heart Association License: Registered Professional Nurse, State of Illinois MS, DePaul University</td>
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<tr>
<td>Miho Nakagawa</td>
<td>Foreign Lang Unit</td>
<td>Adj Faculty</td>
<td>MA, Northeastern Illinois University</td>
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<tr>
<td>Masoud Naseri</td>
<td>Biology Unit</td>
<td>Adjunct I Faculty</td>
<td>BA, University of Illinois At Urbana-Champaign BS, University of Illinois At Urbana-Champaign MS, University of Wisconsin-Milwaukee</td>
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<td>Michelle Naumann</td>
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<tr>
<td>Razel Navarro</td>
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<tr>
<td>Ashley Nelson</td>
<td>Transition Academy</td>
<td>Non-Credit Instructor</td>
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<tr>
<td>Timothy Nendze</td>
<td>Heating &amp; Air Conditioning Unit Adjunct I Faculty</td>
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<tr>
<td>Christopher Newman</td>
<td>Political Science Unit</td>
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<td>MA, Baker University JD, Northwestern University</td>
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<tr>
<td>Thomas Neyfeldt</td>
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<td>Samuel Nirva</td>
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<td>Colleen Nyland</td>
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<tr>
<td>Mary O’Sullivan</td>
<td>English Unit Adjunct Faculty</td>
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<td>Katarzyna Ofiara</td>
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<td>Donna Ogle</td>
<td>Digital Technologies Adj Faculty</td>
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<td>Emergency Services Laboratory Instructor</td>
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<td>Ray Ortiz</td>
<td>Histotechnology Adjunct Faculty</td>
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<td>Sydney Osborn</td>
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<td>Nicholas Pahl</td>
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<td>Fernando Palacios</td>
<td>Massage Therapy Adjunct Faculty</td>
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<td>Phillip Pardun</td>
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<td>Jaclyn Parenti</td>
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<td>Michael Parola</td>
<td>Mathematics Unit Adjunct II Faculty</td>
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<td>Jonathan Parsons</td>
<td>Humanities Adjunct Faculty</td>
<td>MA, Trinity International University</td>
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<td>Keith Paskiewicz</td>
<td>Truck Driving Adjunct Faculty</td>
<td>Certificate: Material and Logistics Mgmt</td>
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<td>Radiography Adjunct Instructor</td>
<td>Certificate: Radiography, State of Illinois</td>
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<td>Chad Pearion</td>
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<td>Natalie Pendergrass</td>
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<td>Joel Perez</td>
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<td>Andrew Peterson</td>
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<td>Janice Petit-Sollenberger</td>
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<td>Jean Phillips</td>
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<td>Kendra Phipps</td>
<td>Surgical Tech Unit Adj Faculty</td>
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<td>Charles Pierce</td>
<td>Criminal Justice Adj Faculty</td>
<td>AA, Mchenry County College Dist #528</td>
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<tr>
<td>Heather Pierce</td>
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<td>Richard Pingel</td>
<td>Truck Driving Unit Adj Faculty</td>
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<td>Jeanette Pinion</td>
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<tr>
<td>James Plakovic</td>
<td>Psychology Unit Adjunct I Faculty</td>
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</table>
| Svitlana Podkopayeva     | English as a Second Language Unit Adjunct I Faculty | BA, Gorlivka State Pedagogical Institute of Foreign Languages  
|                          |                                       | MA, Gorlivka State Pedagogical Institute of Foreign Languages  
|                          |                                       | MED, National Louis University  |
| Stacy Pollack            | Transition Academy Non-Credit Instructor | BA, Eastern Illinois University  |
| Sharon Porterfield       | Intensive Eng Non-Credit Instructor    | BA, Eastern Illinois University  |
| Jacob Pratscher          | Mathematics Unit Adjunct I Faculty     | BA, University of Saint Francis  
|                          |                                       | MS, Northern Illinois University  |
| Lisette Prince           | Massage Therapy Unit Adjunct II Faculty | Certificate: Certificate in Aromatherapy, American College of Healthcare Sciences  
|                          |                                       | Certificate: Holistic Health Practice, American College of Healthcare Sciences  
|                          |                                       | Certificate: Vocational Specialist, Elgin Community College  
|                          |                                       | License: Licensed Massage Therapist, State of Illinois  
|                          |                                       | AS, Elgin Community College  |
| Michael Przybylski       | Emergency Services Unit Adjunct I Faculty | BA, Youngstown State University  
|                          |                                       | MDIV, Garrett-Evangelical Theological Seminary  |
| Ronald Purser            | Humanities Unit Adjunct Faculty        | BA, Universidad Del Atlantico  |
| Rene Quesada             | ABE & Sec Ed Unit Adj Faculty         | BA, Eastern Illinois University  
| Erika Rakas              | Communication Studies Adjunct Faculty  | BA, Eastern Illinois University  
|                          |                                       | MA, Eastern Illinois University  |
| Vasumathi Raman          | Economics Unit Adjunct Faculty         | BA, Madras University  
|                          |                                       | MA, Madras University  |
| Peter Ramirez            | Business Unit Adjunct II Faculty       | BS, Park University  
|                          |                                       | MA, Northeastern Illinois University  
|                          |                                       | MSA, Central Michigan University  |
| Matthew Rederer          | Radiography Unit Adjunct I Instructor  | Certificate: Radiologic Technology, The American Registry of Radiologic Technologists  
|                          |                                       | License: Division of Nuclear Safety, State of Illinois  
|                          |                                       | AAS, College of Dupage  
|                          |                                       | BS, Devry University  |
| Kimberly Reed            | Sociology Unit Adjunct Faculty         | Certificate: Cert-Women's Studies in Sociology, City University of New York Graduate Center  
|                          |                                       | PHD, City University of New York Graduate Center  |
| Todd Reed                | Art Adjunct Faculty                    | BA, Eastern Illinois University  
|                          |                                       | MA, Governors State University  
|                          |                                       | MFA, Illinois State University  |
| Peggy Reese              | ESL Unit Adjunct Faculty               | BA, University of Central Florida  
|                          |                                       | MS, University of Houston  |
| Jose Resto               | ABE & Sec Ed Unit Adj Faculty          | BA, Judson College  
|                          |                                       | MED, Argosy University  
|                          |                                       | EDD, Argosy University  |
| Filomena Ricci Rauschert | Physical Therapist Assistant Adjunct Faculty | License: Licensed Physical Therapist, State of Illinois  
|                          |                                       | DPT, Rosalind Franklin University  |
| Mark Roath               | Radiography Adjunct Instructor         | Certificate: Radiography, The American Registry of Radiologic Technologists  
<p>|                          |                                       | Certificate: Radiologic Technology, St Joseph Hospital  |
| Rhonda Robinson-Farrar   | Business Unit Adjunct I Faculty        | MBA, Northern Illinois University  |
| Richard Rodriguez        | Graphic Design Unit Adj Faculty        | MA, New York Institute of Technology  |
| Jennifer Rogers          | Emergency Services Adjunct Faculty     |  |
| Effie Rouse              | Transition Academy Non-Credit Instructor |  |</p>
<table>
<thead>
<tr>
<th>Name</th>
<th>Dept/Adjunct Faculty</th>
<th>Education</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gabriel Rozsa</td>
<td>Music Adjunct Faculty</td>
<td>BM, Baldwin Wallace University&lt;br&gt; DMA, McGill University</td>
</tr>
<tr>
<td>Bing Ruan</td>
<td>Foreign Language Unit Adjunct I Faculty</td>
<td>BS, National Louis University&lt;br&gt; MA, National Louis University</td>
</tr>
<tr>
<td>Carol Ruback</td>
<td>Nursing Unit Adjunct Faculty</td>
<td>License: Certified Clinical Nurse Specialist, State of Illinois&lt;br&gt; License: Registered Professional Nurse, State of Illinois&lt;br&gt; MSN, Loyola University Chicago</td>
</tr>
<tr>
<td>Robert Russ</td>
<td>Business Unit Adjunct II Faculty</td>
<td>BA, Northern Illinois University&lt;br&gt; MS, Roosevelt University</td>
</tr>
<tr>
<td>Edward Russell</td>
<td>Gen Stud Devel Adj Faculty</td>
<td>EDD, Loyola University Chicago</td>
</tr>
<tr>
<td>Eric Russell</td>
<td>Math Adjunct Faculty</td>
<td>BA, Northeastern Illinois University&lt;br&gt; MA, Northeastern Illinois University</td>
</tr>
<tr>
<td>Muhammed Saadiq</td>
<td>ESL Adjunct Faculty</td>
<td>BS, University of South Florida&lt;br&gt; MA, Bowling Green State University&lt;br&gt; MED, University of Central Florida</td>
</tr>
<tr>
<td>Sorin Sabou</td>
<td>Humanities Unit Adjunct I Faculty</td>
<td>MA, University of Illinois at Springfield&lt;br&gt; PHD, Brunel University London</td>
</tr>
<tr>
<td>Rituparna Saha</td>
<td>Chemistry Unit Adj Faculty</td>
<td>PHD, Illinois Institute of Technology</td>
</tr>
<tr>
<td>John Sander</td>
<td>Emergency Services Adj Faculty</td>
<td></td>
</tr>
<tr>
<td>Carla Sattler</td>
<td>Digital Technologies Adj Faculty</td>
<td>Certificate: Basic Vocational Specialist, Elgin Community College&lt;br&gt; BS, University of Toledo&lt;br&gt; MS, University of Illinois At Chicago</td>
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<tr>
<td>Jeffrey Sayler</td>
<td>Chemistry Adjunct Faculty</td>
<td>BS, University of Illinois At Urbana-Champaign&lt;br&gt; MS, University of Chicago&lt;br&gt; PHD, University of Chicago</td>
</tr>
<tr>
<td>Aurora Scarpaci</td>
<td>Transition Academy Non-Credit Instructor</td>
<td>Certificate: Teaching English as a Second Language, State of Illinois&lt;br&gt; BS, Illinois State University</td>
</tr>
<tr>
<td>Herman Schaumburg</td>
<td>Math Adjunct Faculty</td>
<td>BS, Southern Illinois University Carbondale&lt;br&gt; MS, Illinois Institute of Technology&lt;br&gt; PHD, Northern Illinois University</td>
</tr>
<tr>
<td>Kimberly Schellin-Rog</td>
<td>Psychology Unit Adjunct Faculty</td>
<td>BA, Carthage College&lt;br&gt; MA, Argosy University&lt;br&gt; EDD, Argosy University</td>
</tr>
<tr>
<td>Jennifer Schlau</td>
<td>Unit Adjunct II Librarian</td>
<td>AA, Lincoln Land Community College&lt;br&gt; BA, University of Illinois at Springfield&lt;br&gt; MALS, Dominican University</td>
</tr>
<tr>
<td>Daniel Schmitt</td>
<td>Transition Academy Non-Credit Instructor</td>
<td>AS, Elgin Community College&lt;br&gt; Certificate: Basic Vocational Specialist, Elgin Community College&lt;br&gt; AAS, Elgin Community College</td>
</tr>
<tr>
<td>Silvia Schrage</td>
<td>ESL Unit Adjunct Faculty</td>
<td>BM, Wheaton College&lt;br&gt; MA, University of Illinois At Chicago</td>
</tr>
<tr>
<td>Eric Schuster</td>
<td>History Adjunct Faculty</td>
<td>BA, Roosevelt University&lt;br&gt; MA, DePaul University</td>
</tr>
<tr>
<td>David Scott</td>
<td>Energy Management Unit Adjunct I Faculty</td>
<td>Certificate: Basic Vocational Specialist, Elgin Community College&lt;br&gt; AAS, Elgin Community College</td>
</tr>
<tr>
<td>Name</td>
<td>Unit/Department Adjunct Faculty</td>
<td>Education Details</td>
</tr>
<tr>
<td>-----------------------</td>
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<td>----------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>James Sedivec</td>
<td>Math Unit Adjunct Faculty</td>
<td>MS, University of Illinois At Urbana-Champaign</td>
</tr>
</tbody>
</table>
| Jennifer Seffernick   | Chemistry Unit Adjunct I Faculty | BS, Illinois State University  
PHD, University of Minnesota                                                                                                                                   |
| Gilberto Segura       | ESL Unit Adjunct Faculty         | BA, Colombia University  
MA, Colombia University  
MSED, Northern Illinois University                                                                                                                                    |
| Aaron Sellers         | Gen Stud Devel Adj Faculty       | AA, Kellogg Community College  
BA, University of Michigan-Ann Arbor  
MA, Judson University                                                                                                                                                |
| Steven Serra          | Music Adjunct Faculty            | BA, Elmhurst College                                                                                                                                 |
| Robert Seyl           | Emergency Services Laboratory Instructor | Certificate: Basic Vocational Specialist, Elgin Community College  
Certificate: Vocational Specialist, Elgin Community College  
AAS, Elgin Community College  
BS, Columbia Southern University                                                                                                                                       |
| Timothy Shaffer       | Music Adjunct Faculty            | BM, Indiana University                                                                                                                                     |
| Rinal Shah            | Mathematics Unit Adjunct II Faculty | BS, The Maharaja Sayajirao University of Baroda  
MS, The Maharaja Sayajirao University of Baroda                                                                                                                     |
| Diane Shallcross      | Nursing Skills Lab & Simulation Instructor | License: Registered Professional Nurse, State of Illinois  
AAS, William Rainey Harper College  
BSN, University of Illinois At Chicago  
MSN, Olivet Nazarene University                                                                                                                                     |
| Kanchan Sharma        | Math Adjunct Faculty             | MA, Teachers College, Columbia University  
EDD, Teachers College, Columbia University                                                                                                                             |
| Pushpa Shekar         | Mathematics Unit Adjunct I Faculty | BA, Roosevelt University  
MED, The American College                                                                                                                                             |
| Jaleh Sherbini        | Political Science Adjunct Faculty | MA, Northeastern Illinois University  
DED, National Louis University                                                                                                                                 |
| Konnie Sherry         | Theater Unit Adjunct Faculty II  |                                                                                                                                                              |
| Deborah Shofner       | Music Adjunct Faculty            | Certificate: Standard Secondary Teaching, State of Illinois  
BM, Northern Illinois University  
MM, Northern Illinois University                                                                                                                                          |
| Edward Siebert        | Paralegal Adjunct Faculty        | BSJ, University of Illinois At Urbana-Champaign  
JD, John Marshall Law School                                                                                                                                 |
| Beth Sitter           | Humanities Unit Adjunct Faculty  | BA, Northern Illinois University  
MA, North Central College                                                                                                                                 |
| Andrew Smith          | Criminal Justice Unit Adj Faculty | AAS, Waubonsee Community College                                                                                                                                  |
| Amanda Smothers       | English Unit Adjunct 1 Faculty   | MA, Northern Illinois University  
PHD, Northern Illinois University                                                                                                                                 |
| Scott Sohn            | Emergency Services Adj Faculty   | Certificate: Basic Vocational Specialist, Elgin Community College  
Certificate: Fire Officer II, State of Illinois  
| James Solawetz        | ABE Unit Adjunct Faculty         | BSED, Northern Illinois University                                                                                                                                  |
| Kristine Sommer       | Gen Stud Devel Adj Faculty       | MSED, University of Illinois At Urbana-Champaign                                                                                                                     |
| Andrew Sosnowski      | Paralegal Unit Adjunct I Faculty | MSA, University of Notre Dame  
JD, Drake University                                                                                                                                                    |
<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Certifications</th>
</tr>
</thead>
</table>
| Pete Sotos          | Emergency Services Adj Faculty          | Certificate: Certi Adv Emergency Medical Dispatcher, International Academies of Emergency Dispatch  
| Joanna Soupos       | Clinical Lab Tech Adj Faculty           | Certificate: Medical Laboratory Scientist, American Society for Clinical Pathology  
AAS, Elgin Community College  
BS, University of Illinois At Chicago |
| Karen Spears        | Math Unit Adjunct Faculty               | BS, Northern Illinois University  
MS, Northern Illinois University |
| Mary Spevacek       | Unit Adjunct I Librarian                | BA, University of Missouri  
MBA, University of Missouri  
MS, Northern Illinois University  
MS, University of Illinois At Urbana-Champaign |
| Michael Stanard     | Graphic Design Adj Faculty              |                                                                                                                                             |
| Amanda Stasinski    | Transition Academy Non-Credit Instructor|                                                                                                                                             |
| Meghan Staskal-Bradt| ABE & Sec Ed Adj Faculty                | BS, University of Wisconsin-Eau Claire  
MS, University of Wisconsin-River Falls |
| Kristina Stavroplos | Surgical Tech Unit Adj Faculty          | Certificate: National Cert. Surgical Technologist, National Board of Surg Tech and Surg Assisting  
| Zachary Steffes     | Transition Academy Non-Credit Instructor|                                                                                                                                             |
| Daniel Stetzinger   | Art Adjunct Faculty                     | BS, Northern Illinois University  
MBA, Roosevelt University |
| Sara Stevens        | Histotechnology Adjunct Faculty         | License: Registered Professional Nurse, State of Illinois  
BSN, University of Iowa  
MSN, Sacred Heart University |
| Lisa Stoltenberg    | Nursing Skills Lab & Simulation Instructor|                                                                                                                                             |
| Alison Stone        | Art Unit Adjunct Faculty                | BFA, Montserrat College of Art  
MA, School of the Art Institute of Chicago |
| Kieran Stout        | Emergency Services Unit Adjunct I Faculty| Certificate: Chief Fire Officer, IL Office of the State Fire Marshall  
Certificate: Fire Instructor II, IL Office of the State Fire Marshall  
AAS, Elgin Community College  
BS, National Louis University  
MS, Lewis University |
| Nina Stout          | Dental Assist Unit Adj Faculty          | Certificate: Certified Dental Assistant, Dental Assisting National Board  
Certificate: Vocational Specialist, Elgin Community College  
ALS, Elgin Community College |
| Danielle Straub     | Psychology Unit Adjunct Faculty         | BS, University of Wisconsin-La Crosse |
| David Strossner     | Emergency Services Unit Adj Faculty     | Certificate: Cert of Achievement - Fire Science, University of Illinois At Chicago  
Certificate: Fire Officer II, State of Illinois  
License: Rescue Specialist, State of Illinois |
| Darlene Strysik     | ESL Unit Adjunct Faculty                | BA, Northern Illinois University  
MSED, Northern Illinois University |
<table>
<thead>
<tr>
<th>Name</th>
<th>Unit/Adjunct Faculty</th>
<th>Qualifications</th>
</tr>
</thead>
</table>
| Richard Stumbaugh           | Emergency Services Unit Adjunct I Faculty| Certificate: Fire Fighter III, State of Illinois  
Certificate: Fire Officer II, State of Illinois  
License: Emergency Medical Technician  
Paramedic, State of Illinois  
License: Fire Apparatus Engineer, State of Illinois  
BA, Benedictine University |
| Sarah Stupegia              | English Unit Adjunct Faculty             | BA, Elmhurst College  
MA, Loyola University Chicago |
| Archana Sunder Raj           | Economics Unit Adjunct I Faculty         | BS, MS Ramiah Institute of Technology  
MA, MS Ramiah Institute of Technology |
| Zahra Suratwala             | English Adjunct Faculty                  | BA, Loyola University Chicago  
MA, Loyola University Chicago |
| Richard Swiech              | Biology Adjunct Faculty                  | MA, Dominican University  
MS, Northern Illinois University |
| Christine Szorc             | Digital Technologies Unit Adjunct I Faculty | MS, Illinois Institute of Technology |
| Harry Teichert              | Math Unit Adjunct Faculty                | AB, Wayne State University  
MA, University of California-Berkeley |
| Roberto Terriquez           | ESL Unit Adjunct Faculty                 | BS, University of Guadalajara  
MAT, Aurora University |
| Bhagwatkumar Thakkar        | Clinical Lab Tech Unit Adjunct II Faculty| MBA, Lake Forest Graduate School of Management |
| Pinakini Thakkar            | Clinical Lab Tech Adj Faculty            | BA, Gujarat University  
MA, Gujarat University |
| Jennifer Theriault          | Reading Unit Adjunct I Faculty           | MAT, Aurora University |
| Teresa Thomas               | Nursing Unit Adjunct I Faculty           | License: Registered Professional Nurse, State of Illinois  
BS, Northern Illinois University  
MS, Grand Canyon University |
| Kathleen Thommes            | ESL Unit Adjunct Faculty                 | Certificate: Standard Secondary Teaching, State of Illinois  
BA, Illinois State University  
MAT, Aurora University  
MS, St Thomas University |
| Brian Thompson              | Emergency Services Unit Adjunct Faculty  | MA, Anna Maria College |
| Pierre Thorsen              | History Adjunct Faculty                  | BA, Northern Illinois University  
MA, Northern Illinois University |
| James Tiberi                | Automotive Unit Adjunct Faculty          | Certificate: Advanced Level Specialist, National Institute for Automotive Service Excellence  
Certificate: Maintenance and Light Repair Technician, National Institute for Automotive Service Excellence  
Certificate: Master Automobile Technician, National Institute for Automotive Service Excellence  
Certificate: Undercar Specialist, National Institute for Automotive Service Excellence  
AS, College of Dupage  
BS, Southern Illinois University Carbondale  
MA, Concordia University |
| Christopher Tierney         | Emergency Services Unit Adjunct I Faculty| Certificate: Fire Instructor II, IL Office of the State Fire Marshall  
License: Emergency Medical Technician  
Paramedic, State of Illinois |
<table>
<thead>
<tr>
<th>Name</th>
<th>Department</th>
<th>Education and Certifications</th>
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</thead>
<tbody>
<tr>
<td>Julie Tiltz</td>
<td>Nursing Adjunct Faculty</td>
<td>Certificate: Basic Life Support Provider, American Heart Association&lt;br&gt;License: Registered Professional Nurse, State of Illinois&lt;br&gt;BS, Northern Illinois University&lt;br&gt;MS, Northern Illinois University</td>
</tr>
<tr>
<td>Cristina Tinnirello</td>
<td>Foreign Language Adj Faculty</td>
<td></td>
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<tr>
<td>Dennis Tomlinson</td>
<td>CIM Unit Adjunct Faculty</td>
<td>BS, University of Illinois At Urbana-Champaign&lt;br&gt;MS, University of Wisconsin-Madison</td>
</tr>
<tr>
<td>Steven Tomzik</td>
<td>Emergency Services Laboratory Instructor</td>
<td>BA, North Park University</td>
</tr>
<tr>
<td>Michael Torres</td>
<td>Emergency Services Adj Faculty</td>
<td></td>
</tr>
<tr>
<td>Jennifer Tosello</td>
<td>Transition Academy Non-Credit Instructor</td>
<td>Certificate: Standard Secondary Teaching, State of Illinois&lt;br&gt;BS, Illinois State University&lt;br&gt;MSED, Northern Illinois University</td>
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<tr>
<td>Nicholas Toth</td>
<td>Culinary Arts &amp; Hospitality Adj Faculty</td>
<td>BS, Illinois State University</td>
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<tr>
<td>Richard Trent</td>
<td>Chemistry Unit Adjunct I Faculty</td>
<td>BA, Carleton College&lt;br&gt;MED, DePaul University&lt;br&gt;MS, Roosevelt University</td>
</tr>
<tr>
<td>Himanshu Trivedi</td>
<td>Unit Adjunct II Librarian</td>
<td>BS, Northern Illinois University&lt;br&gt;MBA, Aurora University&lt;br&gt;MS, University of Illinois At Urbana-Champaign</td>
</tr>
<tr>
<td>Frank Trost</td>
<td>Criminal Justice Unit Adj Faculty</td>
<td>BS, National Louis University&lt;br&gt;MA, Western Illinois University</td>
</tr>
<tr>
<td>Steven Tucholski</td>
<td>Economics Unit Adjunct Faculty</td>
<td>BA, University of Toledo&lt;br&gt;MA, University of Toledo</td>
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<tr>
<td>Theresa Tunney</td>
<td>Emergency Services Laboratory Instructor</td>
<td>MSN, Sacred Heart University</td>
</tr>
<tr>
<td>Jocelyn Turner</td>
<td>English Unit Adjunct 1 Faculty</td>
<td>MFA, Chicago State University</td>
</tr>
<tr>
<td>Nuru Ubangiji</td>
<td>English Unit Adjunct Faculty</td>
<td>PHD, Indiana University of Pennsylvania</td>
</tr>
<tr>
<td>Nina Ulman</td>
<td>History Unit Adjunct Faculty</td>
<td>MA, Marquette University</td>
</tr>
<tr>
<td>Baudelaire Ulysse</td>
<td>Humanities Unit Adjunct Faculty</td>
<td>MBA, National Louis University&lt;br&gt;MDIV, Trinity International University&lt;br&gt;EDD, National Louis University</td>
</tr>
<tr>
<td>Nicholas Uscila</td>
<td>Communication Studies Unit Adjunct Faculty</td>
<td>BA, Northern Illinois University&lt;br&gt;MA, Northern Illinois University</td>
</tr>
<tr>
<td>Kathleen Vaca</td>
<td>Clinical Lab Tech Unit Adjunct I Faculty</td>
<td>BS, University of Illinois At Chicago</td>
</tr>
<tr>
<td>Scott Vaszily</td>
<td>English Unit Adjunct Faculty</td>
<td>BA, Northern Illinois University&lt;br&gt;MA, Northern Illinois University</td>
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<tr>
<td>Orenajean Vieira</td>
<td>Art Adjunct Faculty</td>
<td>BFA, New Mexico State University&lt;br&gt;MFA, Columbia College</td>
</tr>
<tr>
<td>Laurel Vietzen</td>
<td>Paralegal Unit Adjunct Faculty</td>
<td>JD, Illinois Institute of Technology</td>
</tr>
<tr>
<td>Nicholas Villani</td>
<td>Computer Aide Design Unit Adjunct I Faculty</td>
<td>BS, Illinois Institute of Technology&lt;br&gt;MS, Illinois Institute of Technology</td>
</tr>
<tr>
<td>Erin Vobornik</td>
<td>English as a Second Language Unit Adjunct I Faculty</td>
<td>BA, Northern Illinois University&lt;br&gt;MA, Northern Illinois University</td>
</tr>
<tr>
<td>Melissa Volny</td>
<td>Clinical Lab Tech Unit Adjunct I Faculty</td>
<td>AAS, Oakton Community College&lt;br&gt;BS, University of Illinois At Chicago&lt;br&gt;MBA, Grand Canyon University</td>
</tr>
<tr>
<td>Amanda Voltz</td>
<td>Art Unit Adjunct Faculty</td>
<td>MFA, Northern Illinois University</td>
</tr>
<tr>
<td>Jennifer Vomacka</td>
<td>ABE &amp; Sec Ed Adj Faculty</td>
<td>BS, Illinois State University&lt;br&gt;BS, University of Illinois At Urbana-Champaign</td>
</tr>
<tr>
<td>Karen Voo</td>
<td>ABE Unit Adjunct Faculty</td>
<td>BS, Illinois State University&lt;br&gt;BS, University of Illinois At Urbana-Champaign</td>
</tr>
<tr>
<td>Donna Voss</td>
<td>Surgical Tech Adjunct Faculty</td>
<td>Certificate: Surgical Tech, Natl Board of Surgical Technology&lt;br&gt;Vocational Specialist, Elgin Community College</td>
</tr>
<tr>
<td>Name</td>
<td>Unit/Program Adjunct Faculty</td>
<td>Education and Certifications</td>
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<tr>
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</tbody>
</table>
| Linda Wade         | Math Unit Adjunct Faculty    | BS, Loyola University Chicago  
MA, Saint Xavier University                                                                                                                                                                                                     |
| Randall Waidner    | Culinary Arts & Hospitality Unit Adjunct I Faculty | Certificate: Certified Executive Chef, American Culinary Federation  
AA, Johnson Wales University                                                                                                                                                                                                                |
| Jason Walczak      | Emergency Services Unit Adj Faculty | BS, Southern Illinois University Carbondale                                                                                                                                                                                      |
| James Walker       | Mathematics Unit Adjunct I Faculty | BA, Concordia University of  
MA, Concordia University of                                                                                                                                                                                                          |
| Kimberly Walker    | Business Unit Adjunct II Faculty | BS, Illinois Institute of Technology  
MBA, DePaul University                                                                                                                                                                                                                 |
| Thomas Walker      | Economics Adjunct Faculty    | BS, North Central College  
MS, DePaul University                                                                                                                                                                                                                   |
| Vicki Walker       | Math Unit Adjunct Faculty    | BED, Arizona State University  
MS, Arizona State University                                                                                                                                                                                                               |
| Benjamin Wallis    | Math Adjunct Faculty         | BS, Northern Illinois University                                                                                                                                                                                                       |
| Ying Wang          | Chemistry Unit Adj Faculty   | BS, Jilin University  
MS, Jilin University  
PHD, University of Alberta                                                                                                                                                                                                                 |
| Tricia Warren      | Gen Stud Devel Adj Faculty   | MA, American Public University System                                                                                                                                                                                                     |
| Adam Wasilewski    | Chemistry Adjunct Faculty    | BS, Benedictine University  
MS, Roosevelt University                                                                                                                                                                                                                  |
| Christopher Way    | Emergency Services Unit Adjunct I Faculty | Certificate: Basic Vocational Specialist, Elgin Community College  
Certificate: Emergency Support Function, Emergency Management Institute  
Certificate: Fire Fighter III, State of Illinois  
Certificate: Fire Instructor II, State of Illinois  
Certificate: Fire Officer II, State of Illinois  
| Matthew Weiss      | Geology Unit Adjunct 1 Faculty | License: Licensed Professional Geologist, State of Illinois  
BS, Grand Valley State University  
MS, University of South Florida                                                                                                                                                                                                           |
| Marilyn Westerhoff | Unit Adjunct Faculty         | BS, Ferris State University                                                                                                                                                                                                       |
| Kenneth White      | Chemistry Unit Adj Faculty   | PHD, Michigan State University                                                                                                                                                                                                     |
| Kara Wilkins       | Intensive Eng Non-Credit Instructor |                                                                                                                                                                                                                                           |
| Elizabeth Willner  | Math Unit Adjunct Faculty    | AS, Elgin Community College  
MA, University of California-Santa Barbara                                                                                                                                                                                                 |
| Richard Wince      | ABE Unit Adjunct Faculty     | Certificate: Certificate of Advanced Study, National Louis University  
BSED, Western Illinois University  
MSED, Northern Illinois University                                                                                                                                                                                                       |
| Kathryn Woehrle    | Mathematics Unit Adjunct I Faculty | BA, Le Moyne College                                                                                                                                                                                                                     |
| Sabine Woerner     | Foreign Lang Unit Adj Faculty | Certificate: Teacher Education Certificate, State of Illinois  
MED, National Louis University                                                                                                                                                                                                           |
| Sigrid Wonsil      | Art Unit Adjunct Faculty     | MFA, Illinois State University                                                                                                                                                                                                       |
| Michele Wood       | Culinary Arts & Hospitality Unit Adj Faculty | Certificate: Basic Vocational Specialist, Elgin Community College  
Certificate: Vocational Specialist, Elgin Community College  
AAS, Elgin Community College                                                                                                                                                                                                                  |
| Matthew Yarusso    | English Adjunct Faculty      | BS, University of Illinois At Urbana-Champaign  
MA, Northern Illinois University                                                                                                                                                                                                       |
### ESL Adjunct Faculty

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Education</th>
</tr>
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</table>
| Hae Sun Yi    | ESL Adjunct Faculty             | BA, Hankuk University of Foreign Studies  
|               |                                 | MS, Hankuk University of Foreign Studies  
|               |                                 | MS, Northern Illinois University                                          |
| Thomas Yi     | Engineering Adjunct Faculty     | MS, University of Arizona  
|               |                                 | PHD, University of Arizona                                                |
| Cynthia Young | Nursing Unit Adjunct Faculty    | License: Registered Professional Nurse, State of Illinois  
|               |                                 | BSN, Olivet Nazarene University  
|               |                                 | MSN, Olivet Nazarene University                                            |
| Lisa Youngdahl| Graphic Design Adj Faculty      | BS, Southern Illinois University Carbondale                               |
| William Zabler| Emergency Services Adj Faculty  | Certificate: Basic Vocational Specialist, Elgin Community College  
|               |                                 | Certificate: Vocational Specialist, Elgin Community College               |
|               |                                 | License: Emergency Medical Technician, Paramedic, State of Illinois       |
|               |                                 | AAS, Elgin Community College  
|               |                                 | BS, Southern Illinois University Carbondale                               |

### Engineering Adjunct Faculty

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Education</th>
</tr>
</thead>
</table>
| Thomas Yi     | Engineering Adjunct Faculty     | MS, University of Arizona  
|               |                                 | PHD, University of Arizona                                                |

### Nursing Unit Adjunct Faculty

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Education</th>
</tr>
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</table>
| Cynthia Young | Nursing Unit Adjunct Faculty    | License: Registered Professional Nurse, State of Illinois  
|               |                                 | BSN, Olivet Nazarene University  
|               |                                 | MSN, Olivet Nazarene University                                            |

### Graphic Design Adj Faculty

<table>
<thead>
<tr>
<th>Name</th>
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<th>Education</th>
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<tbody>
<tr>
<td>Lisa Youngdahl</td>
<td>Graphic Design Adj Faculty</td>
<td>BS, Southern Illinois University Carbondale</td>
</tr>
</tbody>
</table>

### Full-Time Support Staff

### Teaching, Learning & Stdnt Dev

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Education</th>
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</table>
| Luis Alarcon  | Recruitment Coordinator IV Bilingual | AA, Elgin Community College  
|               |                                 | ALS, Elgin Community College  
|               |                                 | BA, Eastern Illinois University                                          |
| Todd Alberger | Library Assistant III           | AA, Elgin Community College  
|               |                                 | ALS, Elgin Community College  
|               |                                 | BA, Eastern Illinois University                                          |
| Ramon Albino  | Admissions Coordinator II       | BA, North Central College                                                  |
| Raquel Almestica | Enrollment Services Coordinator | BA, St Francis College                                                     |
| Rachel Alonso | Receptionist                    | AAS, Elgin Community College  
| William Angelo| Athletic Coordinator IV         | BA, Benedictine University                                                 |
| Gaea Atta Moy | Student Life Coordinator IV     | BSC, University of Illinois At Chicago                                     |
| Danielle Barueta | Curriculum Specialist II     | AA, Elgin Community College  
| Shirley Bell  | Recruitment Coordinator IV      | AA, University of Illinois At Urbana-Champaign                            |
| Vicki Bethke  | Office Coordinator II           | AAS, Abraham Baldwin Agricultural College                                  |
|               |                                 | AS, Abraham Baldwin Agricultural College                                   |
| Diane Boldt   | Job Search/Developer Specialist V| BA, Northeastern Illinois University                                      |
| Kacy Bonavolonta | Registration Quality Specialist II | AA, University of Illinois At Urbana-Champaign                            |
| Theresa Bosteder | Office Coordinator II         | AA, University of Illinois At Urbana-Champaign                            |
| Tiffany Bruno | Academic Advisor                | BA, Northern Illinois University                                           |
|               |                                 | MS, Northern Illinois University                                          |
| Noreen Burton-Hill | Office Coordinator II        | AA, University of Illinois At Urbana-Champaign                            |
| Sarah Buzzelli | Academic Advisor                | BA, Roosevelt University                                                  |
| Jacqueline Cardoza | Apprenticeship & Compliance Coordinator | BS, Roosevelt University                                                  |
|               |                                 | MS, Kansas State University                                               |

### Emergency Services Adj Faculty

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Education</th>
</tr>
</thead>
</table>
| William Zabler| Emergency Services Adj Faculty  | Certificate: Basic Vocational Specialist, Elgin Community College  
|               |                                 | Certificate: Vocational Specialist, Elgin Community College               |
|               |                                 | License: Emergency Medical Technician, Paramedic, State of Illinois       |
|               |                                 | AAS, Elgin Community College  
|               |                                 | BS, Southern Illinois University Carbondale                               |

### Transition Academy Non-Credit Instructor

<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Susan Zagorski</td>
<td>Transition Academy Non-Credit Instructor</td>
<td>MS, Northern Illinois University</td>
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### Mathematics Unit Adjunct I Faculty

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
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<tbody>
<tr>
<td>Michael Zasada</td>
<td>Mathematics Unit Adjunct I Faculty</td>
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### Music Adjunct Faculty

<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Deborah Zelman</td>
<td>Music Adjunct Faculty</td>
<td>BA, University of Illinois At Urbana-Champaign</td>
</tr>
<tr>
<td>Susan Zelms</td>
<td>English Unit Adjunct Faculty</td>
<td>BA, DePaul University</td>
</tr>
<tr>
<td></td>
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<td>MA, DePaul University</td>
</tr>
<tr>
<td>Lori Ziemann</td>
<td>English Adjunct Faculty</td>
<td>MA, Wichita State University</td>
</tr>
<tr>
<td>Name</td>
<td>Title</td>
<td>Education/Professional Experience</td>
</tr>
<tr>
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</tbody>
</table>
| Leisa Castro       | Administrative Assistant III   | Certificate: Basic Vocational Specialist, Elgin Community College  
Certificate: Vocational Specialist, Elgin Community College |
| Katrina Chan-Larsen| Administrative Assistant III    | MED, University of Hawaii At Manoa  
Certificate: Vocational Specialist, Elgin Community College |
| Qixuan Chen        | Office Coordinator II           | BE, Shantou University  
MBA, Northern Illinois University |
| Maritza Del Real   | Student Readiness Coordinator  | BA, University of Illinois At Chicago  
Certificate: Basic Vocational Specialist, Elgin Community College |
| Elizabeth Del Rio  | Assistant Youth Coordinator II  | BS, Western Illinois University  
Certificate: Basic Vocational Specialist, Elgin Community College |
| Debra Drackley     | Office Coordinator II           |  
Certificate: Basic Vocational Specialist, Elgin Community College |
| Erik Enders        | Student Life Coordinator IV for Targeted Populations | BS, University of Indianapolis |
| Jacqueline Espinoza| Out-of-School Coordinator IV   | BSW, University of Illinois At Chicago |
| Elia Feliciano     | Registration Specialist II     |  
Certificate: Basic Vocational Specialist, Elgin Community College |
| Elena Gardea      | Adult Education Transitions Coordinator IV | MS, Roosevelt University  
Certificate: Basic Vocational Specialist, Elgin Community College |
| Valeria Garza Cordero | Student Readiness Coordinator | BS, Illinois Institute of Technology  
Certificate: Basic Vocational Specialist, Elgin Community College |
| Soynia Gilliam    | Office Assistant IV             |  
Certificate: Basic Vocational Specialist, Elgin Community College |
| Heather Glass      | Circulation Specialist I        | BGS, Brenau College  
Certificate: Basic Vocational Specialist, Elgin Community College |
| Carrie Gorr        | Academic Advisor                | BSED, Northern Illinois University  
MSED, Northern Illinois University |
| Peter Gray         | Transitions Coordinator IV      |  
Certificate: Basic Vocational Specialist, Elgin Community College |
| Valerie Hale       | Office Coordinator II           | AAS, Elgin Community College  
ALS, Elgin Community College  
BA, Columbia College Missouri  
MA, Judson University  
Certificate: Basic Vocational Specialist, Elgin Community College |
| Courtney Hamill    | Technical Enrollment Facilitator|  
Certificate: Basic Vocational Specialist, Elgin Community College |
| Janice Hare        | Administrative Assistant III    | MS, Capella University  
Certificate: Basic Vocational Specialist, Elgin Community College |
| Elizabeth Herrera  | Academic Advisor                | BA, Northern Illinois University  
MSED, Northern Illinois University |
| Li Ling Huang      | Office Coordinator II           |  
Certificate: Basic Vocational Specialist, Elgin Community College |
| Jurice Jackson     | Technical Enrollment Facilitator|  
Certificate: Basic Vocational Specialist, Elgin Community College |
| Dennece Jefferson  | Office Coordinator I            |  
Certificate: Basic Vocational Specialist, Elgin Community College |
| Thomas Johnston    | Production & Procurement Chef   | Certificate: Certified ServSafe Food Protection Mgr, Servsafe Certification  
Certificate: Food Service Sanitation Instructor, State of Illinois  
AAS, Elgin Community College  
Certificate: Basic Vocational Specialist, Elgin Community College |
| Ali-Reza Kashani   | First Year Programs Coordinator IV |  
Certificate: Basic Vocational Specialist, Elgin Community College |
| Jessica Kellenberger | Technical Specialist I         | AA, Elgin Community College  
Certificate: Basic Vocational Specialist, Elgin Community College |
| Anitra King        | Career & Veteran Specialist V   | Certificate: Certificate in Veterans Counseling, College of Dupage  
BS, National Louis University  
MS, National Louis University  
Certificate: Basic Vocational Specialist, Elgin Community College |
| Andrea Kleban      | Administrative Assistant III    | BFA, Millikin University  
Certificate: Basic Vocational Specialist, Elgin Community College |
| Michelle Knox      | Administrative Assistant I      |  
Certificate: Basic Vocational Specialist, Elgin Community College |
| Halina Kopec       | Outreach Coordinator III        | MA, Wroclaw University  
Certificate: Basic Vocational Specialist, Elgin Community College |
| Andrea Kuzniar     | Student Support Specialist SSCT | BA, University of Wisconsin-Green Bay  
MA, University of Phoenix  
Certificate: Basic Vocational Specialist, Elgin Community College |
| Sheri Lacy         | Corporate Representative       | BSBA, University of Missouri  
MBA, Webster University |
| Randy Leonard      | Student Systems Specialist      | BS, North Central College  
Certificate: Basic Vocational Specialist, Elgin Community College |
| Barbara Liebrecht  | Administrative Assistant II     |  
Certificate: Basic Vocational Specialist, Elgin Community College |
| Mary Lopez         | Office Assistant III            |  
Certificate: Basic Vocational Specialist, Elgin Community College |
| Gerald McLaughlin  | Athletic Coordinator III        |  
Certificate: Basic Vocational Specialist, Elgin Community College |
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<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Kaitlin Meno</td>
<td>Office Coordinator I</td>
<td>BA, Northeastern Illinois University</td>
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<tr>
<td>Vicki Miranda</td>
<td>Out-of-School Coordinator IV</td>
<td>MSW, Aurora University</td>
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<tr>
<td>Minerva Negron-Figueroa</td>
<td>Office Coordinator I</td>
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<tr>
<td>Tyler O'Donnell</td>
<td>Academic Advisor &amp; Coordinator</td>
<td>BA, University of Illinois At Chicago</td>
</tr>
<tr>
<td>Joseph Onesimus</td>
<td>Internship Coordinator IV</td>
<td>BA, Trinity International University MA, Trinity International University</td>
</tr>
<tr>
<td>James Perek</td>
<td>Transcript Specialist IV</td>
<td>BA, Judson University</td>
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<tr>
<td>Nancy Perez</td>
<td>Testing Specialist I</td>
<td>Certificate: Basic Vocational Specialist, Elgin Community College AAS, Elgin Community College</td>
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<tr>
<td>Mary Prystawsky</td>
<td>Administrative Assistant III</td>
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<tr>
<td>Tammy Ray</td>
<td>Instructional Technology &amp; Distance Learning Coordinator IV</td>
<td>Certificate: Basic Vocational Specialist, Elgin Community College Certificate: Vocational Specialist, Elgin Community College AAS, Elgin Community College AS, Elgin Community College BA, DePaul University MED, University of Illinois At Urbana-Champaign</td>
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<tr>
<td>Laura Riva</td>
<td>Office Coordinator I</td>
<td>AAS, Illinois Valley Community College</td>
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<tr>
<td>Claudia Rivera</td>
<td>Admissions Specialist - Bilingual</td>
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<tr>
<td>Marlen Ruiz</td>
<td>Academic Advisor-Bilingual</td>
<td>AA, Elgin Community College BA, University of Illinois At Chicago MSED, Northern Illinois University</td>
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<tr>
<td>Beth Schwarz</td>
<td>Athletic Events Center Coordinator III</td>
<td>BS, Rockford University MED, Springfield College</td>
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<tr>
<td>Taelar Scott</td>
<td>Student Readiness Coordinator</td>
<td>BA, University of Illinois At Chicago</td>
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<tr>
<td>Sheila Sebesta</td>
<td>Academic Advisor</td>
<td>MBA, University of Phoenix</td>
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<tr>
<td>Michael Segreto</td>
<td>Program Assistant</td>
<td>AA, Elgin Community College AAS, Elgin Community College BS, Northern Illinois University</td>
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<tr>
<td>Elizabeth Soderquist</td>
<td>Student Support Specialist Health Professions</td>
<td>BA, Northern Illinois University MSED, Northern Illinois University</td>
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<tr>
<td>Terrance Stanton</td>
<td>Instructional Technology &amp; Distance Learning Coordinator IV</td>
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<td>Sarah Stayner</td>
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<td>William Suppes</td>
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<tr>
<td>Olga Tarango</td>
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<tr>
<td>Tonisha Via</td>
<td>Academic Advisor</td>
<td>BA, Judson University MA, Argosy University</td>
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<td>Tracy Vittone</td>
<td>Academic Advisor</td>
<td>BS, Northwest Missouri State University MA, Ball State University</td>
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<td>Joan Wieczorek</td>
<td>Technical Enrollment Coordinator II</td>
<td>BA, Loyola University Chicago</td>
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<tr>
<td>Carolyn Williams</td>
<td>Office Coordinator I</td>
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<tr>
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<td>Annette Workman</td>
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<td>Jeremiah Wright</td>
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<tr>
<td>Carina Zamudio-Ramos</td>
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<tr>
<td>Christian Zehelein</td>
<td>Instructional Technology &amp; Distance Learning Coordinator IV</td>
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<tr>
<td>Roberto Adame</td>
<td>Event Coordinator II</td>
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<tr>
<td>Aucensio Aguilar</td>
<td>Painter</td>
<td>Certificate: Lift Truck Operator II, Safety First Training Systems</td>
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<tr>
<td>Laura Aleman Guzman</td>
<td>Student Accounts Assistant IV</td>
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<td>Rigoberto Arana</td>
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<tr>
<td>Josephine Ashpaugh</td>
<td>Senior Applications Developer II</td>
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<tr>
<td>Alan Atchison</td>
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<tr>
<td>Joel Baltazar</td>
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<tr>
<td>Irma Barajas</td>
<td>Custodian I</td>
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<tr>
<td>Kristina Brown</td>
<td>Early Childhood Lab School Teacher-Director Qualified</td>
<td>AA, Elgin Community College</td>
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<tr>
<td>Joel Brusatori</td>
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<tr>
<td>Vanessa Culberson</td>
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<td>Samantha D'Alessandro</td>
<td>Financial Aid Advisor - Veterans Certifying Official</td>
<td>BA, Northern Illinois University</td>
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<td>Mark Damrose</td>
<td>Network Architect</td>
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<td>Dennis Doherty</td>
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<td>Thomas Drennan</td>
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<td>Steven Droesch</td>
<td>Computer &amp; Technology Support Technician II</td>
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<td>Brian Duff</td>
<td>Student Accounts Technical Specialist</td>
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<td>Thomas Edwards</td>
<td>Senior Applications Architect</td>
<td>BA, University of St Thomas</td>
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<td>Norma Farfan</td>
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<td>Chelsea Fox</td>
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<td>Natalie Gagliano</td>
<td>Early Childhood Lab School Teacher</td>
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<td>Raul Gonzalez-Rodriguez</td>
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<tr>
<td>Juan Hernandez</td>
<td>Custodian I</td>
<td>Certificate: Basic Vocational Specialist, Elgin Community College, AA, Elgin Community College</td>
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<tr>
<td>Vincent Hernandez</td>
<td>Head Cook</td>
<td>License: Food Service Sanitation, State of Illinois</td>
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<tr>
<td>Jenny Huang</td>
<td>Administrative Assistant III</td>
<td>MS, Cleveland State University</td>
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<td>Abigail Hurtado</td>
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<tr>
<td>Houtie Kaing</td>
<td>Academic Computer Technician I</td>
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<td>Justin Kalusa</td>
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<td>Justin Kees</td>
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<tr>
<td>Rebecca Knoppie</td>
<td>Office Assistant III</td>
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<tr>
<td>Stephen Kolacki</td>
<td>Bookstore Specialist II</td>
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<tr>
<td>Iryna Kurant</td>
<td>Senior Applications Developer III</td>
<td>Certificate: Web Site Support Maintenance, Oakton Community College</td>
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<tr>
<td>Andrea Lang</td>
<td>Accounts Payable Coordinator I</td>
<td>AA, Northern Illinois University</td>
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<tr>
<td>Juan Lara</td>
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<tr>
<td>Aldo Leon</td>
<td>Mail Operations Clerk I</td>
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<tr>
<td>Bernard LoMonaco</td>
<td>Cook</td>
<td>License: Food Service Sanitation, State of Illinois</td>
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<tr>
<td>Adriana Mancera</td>
<td>Early Childhood Lab School Teacher-Director Qualified</td>
<td>AAA, Elgin Community College</td>
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<tr>
<td>Guyang Mao</td>
<td>Computer &amp; Technology Support Technician II</td>
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<tr>
<td>Maria Martinez</td>
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<td>Linda Mason</td>
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<tr>
<td>Keith Mayeda</td>
<td>Shipping/Receiving Assistant I</td>
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<tr>
<td>Christopher McCoy</td>
<td>Network Engineer Coordinator</td>
<td>BS, Truman State University</td>
</tr>
<tr>
<td>Daniel McElhiney</td>
<td>Network Engineer</td>
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<tr>
<td>Martin Melesio Arreguin</td>
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<tr>
<td>Billy Miller</td>
<td>Groundskeeper II</td>
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<tr>
<td>Hayley Mohr</td>
<td>Event Coordinator II</td>
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<tr>
<td>Andrew Monts</td>
<td>Academic Computer Technician II</td>
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<tr>
<td>Alma Nevarez</td>
<td>Custodian Lead</td>
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<tr>
<td>Kelly Owens</td>
<td>Financial Aid Technical Specialist IV</td>
<td>AAS, Northwestern Business College</td>
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<tr>
<td>David Prose</td>
<td>Senior Systems Architect</td>
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<td>Nick Raksinh</td>
<td>Helpdesk Technician I</td>
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<tr>
<td>David Robinson</td>
<td>Network Engineer</td>
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<td>Policarpo Rufino</td>
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<tr>
<td>Edgar Ruiz</td>
<td>Student Accounts Coordinator II</td>
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<td>Isidoro Ruiz</td>
<td>Groundskeeper I</td>
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<tr>
<td>Hilda Sanchez</td>
<td>Computer &amp; Technology Support Technician I</td>
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<tr>
<td>Michele Schoen</td>
<td>Accounts Receivable Specialist III</td>
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<tr>
<td>Allen Shearer</td>
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<tr>
<td>Brian Signorella</td>
<td>Senior Applications Architect</td>
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<tr>
<td>Guadalupe Soto</td>
<td>Cook</td>
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<tr>
<td>Jorge Soto</td>
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<tr>
<td>Maria Soto</td>
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<tr>
<td>Miguel Soto</td>
<td>Custodian Lead</td>
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<tr>
<td>James Stoltman</td>
<td>Telecommunications Technician IV</td>
<td>Certificate: Communication Journeyman Wireman, IBEW-NECA Technical Institute</td>
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<tr>
<td>Jonathon Sutkay</td>
<td>Financial Aid Advisor</td>
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<tr>
<td>Amanda Sziel</td>
<td>Early Childhood Lab School Teacher</td>
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<tr>
<td>Hemanshu Thakkar</td>
<td>Academic Computer Technician II</td>
<td>AAS, Elgin Community College</td>
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<tr>
<td>Pierre Thavong</td>
<td>Accountant II</td>
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<tr>
<td>Maria Tovar</td>
<td>Financial Aid Advisor</td>
<td>AA, Elgin Community College</td>
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<tr>
<td>Donald Valentine</td>
<td>Network Engineer</td>
<td>BS, Northern Illinois University</td>
</tr>
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<tr>
<td>Sean Varner</td>
<td>Shipping/Receiving Assistant II</td>
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<tr>
<td>Renato Villanueva</td>
<td>Mail Operations Clerk I</td>
<td>Certificate: Vocational Specialist, Elgin Community College</td>
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<tr>
<td>Lierin Voight</td>
<td>Accountant II</td>
<td>BBA, Belmont University</td>
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<tr>
<td>Gilbert Whitehead</td>
<td>Computer &amp; Technology Support Coordinator</td>
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<tr>
<td>Mark Wolff</td>
<td>Software Licensing Coordinator II</td>
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<tr>
<td>Shane Warkman</td>
<td>Senior Applications Developer/Analyst</td>
<td>BS, Ferris State University</td>
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<td>Human Resources</td>
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<tr>
<td>Beverly MacArthur</td>
<td>Office Coordinator I</td>
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<tr>
<td>Jennifer Garner</td>
<td>Foundation Coordinator</td>
<td>BS, Southern Oregon University</td>
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<td>Marketing &amp; Communications</td>
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<tr>
<td>Milo Barsanti-Gonzalez</td>
<td>Video Production Specialist</td>
<td>BFA, Northern Illinois University</td>
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<tr>
<td>Mark Carriveau</td>
<td>Electronic Imaging Specialist IV</td>
<td>AAS, College of DuPage</td>
</tr>
<tr>
<td>Jason Conglis</td>
<td>Senior Graphic Designer</td>
<td></td>
</tr>
<tr>
<td>Douglas Danley</td>
<td>Senior Web Designer and Developer</td>
<td>BA, Judson University</td>
</tr>
<tr>
<td>Sarah DeLoncker</td>
<td>Marketing Operations Specialist</td>
<td>BGS, Northern Illinois University</td>
</tr>
<tr>
<td>Ryan Klasy</td>
<td>Marketing and Public Relations Specialist VI</td>
<td>MBA, Lynn University</td>
</tr>
<tr>
<td>Elissa Kojzarek</td>
<td>Communications Specialist IV</td>
<td>MPA, Northern Illinois University</td>
</tr>
<tr>
<td>Efrain Matias</td>
<td>Print Shop Specialist I</td>
<td></td>
</tr>
<tr>
<td>Kaile Raimondi</td>
<td>Digital Print Specialist I</td>
<td>AAS, Elgin Community College</td>
</tr>
<tr>
<td>Paul Santiago</td>
<td>Web Designer</td>
<td>BFA, Illinois Institute of Art At Schaumburg</td>
</tr>
<tr>
<td>Eric Semelroth</td>
<td>Graphic Designer</td>
<td>MFA, Northwestern University</td>
</tr>
<tr>
<td>Lindsay Wheeler</td>
<td>Digital Marketing Specialist</td>
<td>MPS, George Washington University</td>
</tr>
<tr>
<td>Vickie Wiskirchen</td>
<td>Web Services Coordinator I</td>
<td>AA, Elgin Community College</td>
</tr>
<tr>
<td></td>
<td></td>
<td>AAS, Elgin Community College</td>
</tr>
<tr>
<td></td>
<td></td>
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</tr>
<tr>
<td>Planning &amp; Inst. Effectiveness</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kimberlee Hinrichs</td>
<td>Office Coordinator I</td>
<td>AA, William Rainey Harper College</td>
</tr>
<tr>
<td>Daniel Vollrath</td>
<td>Institutional Research Data Specialist</td>
<td>BS, University of Michigan-Ann Arbor</td>
</tr>
</tbody>
</table>

**IBEW**

**IBEW - Building Engineers**

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Education</th>
</tr>
</thead>
<tbody>
<tr>
<td>Francisco Alvarez</td>
<td>Building Engineer</td>
<td>Certificate: Basic Vocational Specialist, Elgin Community College</td>
</tr>
<tr>
<td>Michael Castritsis</td>
<td>Building Engineer</td>
<td>AAS, Elgin Community College</td>
</tr>
<tr>
<td>Paul Letheby</td>
<td>Building Engineer</td>
<td></td>
</tr>
<tr>
<td>William Lietzow</td>
<td>Building Engineer</td>
<td>Certificate: Lift Truck Operator II, Safety First Training Systems</td>
</tr>
<tr>
<td>John Manning</td>
<td>Lead Building Engineer</td>
<td></td>
</tr>
<tr>
<td>Federico Meza</td>
<td>Building Engineer</td>
<td></td>
</tr>
<tr>
<td>Anthony Reilly</td>
<td>Building Engineer</td>
<td>Certificate: Refrig/Air Conditioning Technician, Environmental Technical Institute</td>
</tr>
<tr>
<td>Carlos Rochel</td>
<td>Building Engineer</td>
<td>Certificate: Basic Vocational Specialist, Elgin Community College</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Certificate: Vocational Specialist, Elgin Community College</td>
</tr>
<tr>
<td></td>
<td></td>
<td>AAS, Elgin Community College</td>
</tr>
<tr>
<td>Joseph Sobol</td>
<td>Building Engineer</td>
<td></td>
</tr>
<tr>
<td>Name</td>
<td>Position</td>
<td>Education</td>
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<td>---------------------------------------------------------------------------</td>
</tr>
<tr>
<td>David Kintz</td>
<td>Chief of Police</td>
<td>BS, University of Illinois At Urbana-Champaign</td>
</tr>
<tr>
<td>Laurence Brouk</td>
<td>Police Officer</td>
<td></td>
</tr>
<tr>
<td>Craig Campbell</td>
<td>Deputy Chief of Police</td>
<td>MS, Benedictine University</td>
</tr>
<tr>
<td>Rollin Hamelberg</td>
<td>Police Officer</td>
<td>BA, Roosevelt University</td>
</tr>
<tr>
<td>Lorie Hermesdorf</td>
<td>Police Officer</td>
<td>Certificate: Law Enforcement Officer, State of Illinois</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Certificate: Respiratory Care Technician, College of Dupage</td>
</tr>
<tr>
<td></td>
<td></td>
<td>AAS, College of Dupage</td>
</tr>
<tr>
<td></td>
<td></td>
<td>BS, Champlain College</td>
</tr>
<tr>
<td>Phillip Hernandez</td>
<td>Police Officer</td>
<td></td>
</tr>
<tr>
<td>Robert Huber</td>
<td>Police Officer</td>
<td>BA, University of Wisconsin-Eau Claire</td>
</tr>
<tr>
<td>David Jannusch</td>
<td>Police Officer</td>
<td></td>
</tr>
<tr>
<td>James Jenkner</td>
<td>Police Officer</td>
<td>Certificate: Defensive Driving Course, National Safety Council</td>
</tr>
<tr>
<td>Joseph Kaczynski</td>
<td>Administrative Assistant III</td>
<td></td>
</tr>
<tr>
<td>Joseph Lullo</td>
<td>Police Officer</td>
<td></td>
</tr>
<tr>
<td>Claudio Mercado</td>
<td>Police Officer</td>
<td>AS, Irvine Valley College</td>
</tr>
<tr>
<td>Juan Morales</td>
<td>Police Officer</td>
<td></td>
</tr>
<tr>
<td>James Picardi</td>
<td>Police Officer</td>
<td>BS, Southern Illinois University Carbondale</td>
</tr>
<tr>
<td>Gary Sears</td>
<td>Police Officer</td>
<td></td>
</tr>
<tr>
<td>Tonya Stetina</td>
<td>Administrative Assistant III</td>
<td></td>
</tr>
<tr>
<td>John Sunter</td>
<td>Police Officer</td>
<td></td>
</tr>
<tr>
<td>Allen Young</td>
<td>Shift Commander</td>
<td>BA, Columbia College</td>
</tr>
</tbody>
</table>

**District 509 Professors Emeriti**

- Diane Ainsworth, Instructor of Nursing, 1999-2009
- Deloris Aleksandras, Nursing Instructor, 1967-1978
- Arlene Alwan, Nursing Instructor, 1970-1990
- Lauren Anderko, Associate Professor II of Mathematics, 1984-2014
- Dale Anderson, Reading Unit Adjunct Faculty, 1995-2015
- Barbara Backley, Professor of Biology, 1990-2007
- Ricky Bailey, Professor of Electronics, 1983-2006
- Dr. Lavoir Banks, Professor of Chemistry, 1983-1997
- Michel Barbezat, Professor of Human Services, 1973-1997
- Vernon Bashaw, Business Instructor, 1966-1975
- Dr. Alice Biggers, Professor I of English, 1989-2011
- Marilyn Binda, Professor II / Counselor, 1977-2014
- Mark Bosanac, Professor II of Culinary Arts & Hospitality (1989-2018)
- Dr. Warren Bosch, Professor of Chemistry, 1982-2002
- Joanne Bohne, Professor II of Nursing, 1991-2013
- Dr. John Bradburn, Professor of Mathematics, 1968-1999
- Brigitte Breitenbucher, Professor of Speech, 1976-2002
- Michele T. Brynelsen, Professor I of Nursing, 2003-2019
- Dr. Kathleen E. Buckner, Nursing Instructor; 1970-1975; Professor of Nursing, 1989-93
- Dr. B. David Burke, Professor II of Humanities; 1994-2017
- Joseph Cannici, Instructor of Digital Technologies, 2016-2018
- Deane Carlborg, Professor of Biological Sciences, 1973-1993
- Cecilia M Carreon, Professor II of English, 1984-2008
- David Carrillo, Associate Professor II of Human Services, 2010-2018
- Jacqueline Charles, Professor of Nursing, 1978-2006
- Gary Christenson, Professor II of English, 1979-2012
- Patrick Collins, Assistant Professor I of Criminal Justice; 1995-2017
- James Craig, Professor of Environmental Control Systems, 1985-2002
- B. David Das, Professor II of Psychology, 1988-2008
- Irma Davis, English Instructor, 1967-1984
- Laraine Davy, Professor II of Computer and Information Sciences, 1982-2014
- Marvin Dittman, Professor of Accounting, 1980-2004
- Terence Domschke, Professor of Drama, 1966-1999
- Patricia Dumoulin, Professor of Business 1971-2001
- Richard Durrant, Physical Education Instructor, 1960-1985
- Sarah Dye, Professor II of English, 1987-2014
• Ray M. Eberhardt, English Instructor, 1960-1985
• Harold Echternach, Business Instructor, 1967-1977
• Sally Edwards-Moir, Physical Education Instructor, 1975-1987
• Andrew Erbach, Professor II of HVAC; 2002-2017
• John Fialko, Professor of Welding, 1973-2000
• Sharon A. Fisher-Larson, Professor of Office Administration Technology, 1975-2000
• Janet Flynn, Professor I of Nursing; 2014-2017
• Susan Ford, Adjunct Professor of English, 1998-2016
• Joyce J. Fountain, Professor of Sociology, 1989-2019
• Douglas Fraley, Professor of Human Services, 1987-2005
• Karen W. Friedberg, Professor II of Nursing, 2010-2019
• Theodore Fuhs, English Instructor, 1962-1984
• Daniel Gardner, Professor of Mathematics, 1987-2002
• Walter F. Garrett, Professor of Humanities, 1969-1994
• Elizabeth Gerity, Professor of Biology, 1984-1999
• John S Gondek, Professor I of Industrial Manufacturing Technology, 1984-2008
• Karen Gordon, Professor of English Composition, 1989-2005
• Maureen Gramiak, Professor I of Nursing, 1989-2015
• Dr. Stephen Gray, Professor II of Theatre, 1999-2014
• Richard Green, Professor II of Automotive, 1978-2008
• LaVon Grosland, Mathematics Instructor, 1971-1989
• Roger Gustafson, Professor of Visual Arts, 1981-2004
• Dr. Robert Hanson, Professor of Music, 1977-2002
• Linda M Hartley, Professor II of Nursing, 1979-2008
• Dr. Linda Hefferin, Professor of Management 1981-2013
• Paul Hegele, Professor of Management, 1969-2000
• Sherry Hellmuth, Professor II of Accounting, 1994-2008
• E. Arthur Hill, Music Instructor, 1966-1972
• Dorothy Hines, Psychology Instructor, 1966-1984
• Donald F. Holstrom, Mathematics Instructor, 1966-1990
• Dr. Travis Houser, Professor of English, 1980-1998
• Hersh Hubbs, Human Services Instructor, 1972-1984
• Dr. Lucinda Hutman, Professor II of Psychology, 1987-2016
• Dr. Patricia Jachowicz, Professor I/Counselor, 1996-2012
• Ruth L. Jeismann, Professor of Foreign Languages, 1967-1994
• Robert Jenson, Chemistry Instructor, 1958-1983
• Barbara Juister, Professor of Mathematics, 1966-1995
• Jacquelyn Kaufmann, Professor I of Human Services, 1990-2010
• Maria Kazmi, Assistant Professor II of Surgical Technology, 1994-2014
• Dr. James A. Kichefski, Computer Aided Design & Drafting Instructor, 1985-1987
• Margaret Kienitz, Professor of Nursing, 1971-2002
• James R. Kimmey, Professor of Computer Aided Design & Drafting, 1968-1995
• Carolyn Kirk, Professor of Office Administration, 1979-1998
• Marybeth Koos, Professor II of Art History; 2000-2017
• Greil L Kramer, Professor II/ Librarian, 1990-2008
• Marvin Kuhlman, Geology/ Geography Instructor, 1966-1974
• Dr. Jane Lehmann, Professor of Reading, 1967-2002
• Karl Lehr, History Instructor, 1949-1979
• Keith Lewis, Assistant Professor II of Psychology, 1980-2018
• Loren Long, Accounting Instructor, 1967-1990
• Christopher Lozier, Counselor, 1970-2002
• Everett Ludley, Physics Instructor, 1966-1973
• Dennis Lynch, Professor II of English Composition, 1985-2018
• Daniel Maki, Professor I of Music, 1977-2015
• Timothy Malone, Associate Professor II of History, 1996-2018
• Abraham Martinez, Professor II of Spanish, 1992-2014
• Judy Mavros, Counselor, 1980-2003
• Nick Mavros, Professor of Mathematics, 1970-2002
• Dr. Glenn Mayer, Professor II of Computer and Information Sciences
• Jane McBride, Professor of Travel & Tourism, 1990-2002
• Dr. Jack McCrary, Professor of Counseling, 1976-1994
• Linda L McEwan, Professor II/ Librarian, 1970-2008
• Elizabeth E. McNulty, Associate Professor II of ESL, 2006-2019
• Julie Monterrubio, Instructor of French and Spanish, 1994-2011
• Candice Moore, Professor II of Nursing, 2009-2015
• Maurice E. Munch, Machine Tool Instructor, 1970-1986
• Edythe Nagler, Science Instructor, 1966-1984
• Dr. John Near, Psychology Professor, 1967-1998
• Duane Nelson, Professor of Humanities, 1966-1998
• Robert Nowlin, Professor of Psychology, 1972-2002
• S. Ruth Ogden, Business Instructor, 1967-1978
• Allan Olsen, Professor of Business, 1972-2002
• Connie Orbeta, Professor II of Graphic Design, 1990-2015
• Mary Bethel Olsen, Nursing Instructor, 1966-1980
• Patrick Parks, Professor II of English Composition, 1986-2012
• Henry W. Peddle, Professor of Sociology, 1960-1995
• Mark Pelczarski, Professor II of Computer and Information Science, 1991-2012
• Curtis Peterson, Professor of Anthropology, 1972-2002
• Suzanne Peterson, Professor of Visual Art, 1983-2000
• Roger Ramey, Professor I of Office of Digital Technologies, 2000-2016
• Robert L. Ramlet, Psychology Instructor, 1966-1986
• Jean Reitan, Professor of Nursing, 1980-1994
• James H Resser, Professor II of Computer Aided Design, 1974-2008
• Maynard Roberts, Professor of Computer Aided Design & Drafting, 1967-1999
• Kenneth Ronzheimer, Professor of Automotive, 1978-1999
• Nancy Rooker, Professor of Nursing, 1975-2002
• Celia Rosal, Professor II of Nursing, 1993-2015
• Howard Russo, Professor II of Visual Arts, 1988-2018
• Jewell Sammis, Nursing Instructor, 1979-1989
• Beth Santell, Professor II of Counseling, 1988-2014
• Mary Ann Schein, Nursing Instructor, 1972-1985
• Marjorie J. Schildknecht, Assistant Professor II of Public Service, 1983-2019
• Tony K. Schuls, Professor I of Industrial Manufacturing Technology, 1982-2010
• Edwin T. Schulz, Mathematics Instructor, 1960-1985
• Roger Schulz, Professor II of Office Administration, 1982-2005
• Tony J. Selby, Professor of Accounting, 1966-1980; Professor of Business, 1981-1994
• Gabrielle Serrano, Professor II of Accounting, 1991-2012
• Delvenia Gail Shadwell, Professor II of Speech, 1967-2008
• Dr. John Slauson, Professor II of Music, 1986-2016
• Imogene H. Smith-Ridge, Speech Instructor, 1966-1980
• June Soderstrom, Professor of Human Services, 1975-1998
• Brent Steel, Professor of Computer and Information Sciences, 1983-2005
• Robert Steinbach, Professor of Biological Sciences, 1966-2002
• Gus Stuart, Science Instructor, 1949-1979
• Dr. David Sujak, Professor of Psychology, 1975-2007
• Carol Szabo, Associate Professor II of English, 1996-2014
• Dr. Lester Szewczyk, Professor of Mathematics, 1987-2002
• Dr. Larry Taylor, Professor of English, 1983-1996
• Milton Taylor, Assistant Professor of Computer and Information Sciences, 1989-2005
• Harry W. Teichert, Professor II of Mathematics, 1991-2011
• Edwin Thomas, Assistant Professor II of Welding, 2000-2015
• Judith Thommes, Associate Professor II of Nursing, 2006-2016
• James Todd, Political Science Instructor, 1966-1984
• Mary Ann Tuerk, Professor II of Mathematics, 1994-2011
• Glenn Turner, Associate Professor I of English, 1991-2016
• Carmen Upchurch, Professor of Foreign Languages, 1969-2002
• Alexa Varner, Professor of Mathematics, 1980-2006
• Aaron Vessup, Professor of Speech, 1982-2002
• Dr. Laurel Vietzen, Professor II of Paralegal, 1984-2010
• E. Max von Isser, Art Instructor, 1952-1984
• Sharon Walicek, Professor II of Nursing, 1989-2013
• Linda Wallace, Assistant Professor I of Nursing; 2010-2017
• Barbara Wascher, Professor of Office Administration Technology, 1978-2002
• Dr. Loren Weaver, Professor of Physics, 1977-2001
• Marilyn Westerhoff, Professor of Dental Assisting, 1968-2002
• Dr. Dorothy Wiese, Professor of Office Administration Technology, 1978-2002
• Gretchen Wirtz, Counselor, 1978-1998
• Blossom Wohl, English Instructor, 1971-1986
• Kelly Woyach, Associate Professor II of Surgical Technology, 1992-2018
• Thomas Youngren, Professor of English, 1967-2002
• Carl Zeigler, Jr., Professor of Sociology, 1975-2002
• Michael Zema, Professor II of Culinary Management, 1984-2008
• Roland Zwerger, Instructor of Culinary Arts, 1974-1996

Chief Executive Officers

Orrin G. Thompson, 1949–1966
District U–46 Superintendent

Charles Evans, 1949–1950
Dean of ECC

Gilbert I. Renner,
Dean of ECC, 1950–1966
ECC President, 1966–1971


ECC President

Searle F. Charles, PhD, 1982–1987
ECC President

ECC President

Roy Flores, PhD, 1994–1998
ECC President

Michael S. Shirley, PhD, 1998–2006
ECC President

David Sam, PhD, JD, LLM, 2007 –
ECC President
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• 2019-20 Catalog (http://catalog.elgin.edu/archived-catalogs/2019-2020/)
• 2018-19 Catalog (http://catalog.elgin.edu/archived-catalogs/2018-19-Catalog.pdf)
• 2017-18 Catalog (http://catalog.elgin.edu/archived-catalogs/ECC-2017-18-Catalogv2.pdf)
• 2016-17 Catalog (http://catalog.elgin.edu/archived-catalogs/ECC-2016-17-Catalog20160606.pdf)
• 2015-16 Catalog (http://catalog.elgin.edu/archived-catalogs/ECC-2015-16_Catalog.pdf)
• 2013-14 Catalog (http://catalog.elgin.edu/archived-catalogs/2013-14-Catalog-Web.pdf)
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• 2012-13 Catalog (http://catalog.elgin.edu/archived-catalogs/2012-2013Catalog.pdf)
• 2010-11 Catalog (http://catalog.elgin.edu/archived-catalogs/ECC-2010-11-Catalog.pdf)
• 2009-10 Catalog
  • 2009-10 Degree pages (http://catalog.elgin.edu/archived-catalogs/Degrees09-10.pdf)
  • 2009-10 Career/technical curricula (http://catalog.elgin.edu/archived-catalogs/Career-Tech-Curricula09-10.pdf)
  • 2009-10 Course descriptions (http://catalog.elgin.edu/archived-catalogs/2009-10-Course-Descriptions.pdf)
• 2008-09 Catalog
  • 2008-09 Degree pages (http://catalog.elgin.edu/archived-catalogs/2008-09-degrees.pdf)
  • 2008-09 Career/Technical Curricula (http://catalog.elgin.edu/archived-catalogs/2008-09-Career-Tech-Curricula.pdf)
  • 2008-09 Course description section (http://catalog.elgin.edu/archived-catalogs/2009-10-Course-Descriptions.pdf)

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