TECHNOLOGY, GENERAL CORE (GET)

All GET 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.

The following courses are applicable to more than one technical area. Consult the Career and Technical Education Curricula section for individual program requirements.

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: $414 (effective 2025/26 academic year)
In-district tuition rates are subject to change based on Board approval.
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: $414 (effective 2025/26 academic year)
In-district tuition rates are subject to change based on Board approval.
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: $715 (effective 2025/26 academic year)
In-district tuition rates are subject to change based on Board approval.
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: $562 (effective 2025/26 academic year)
In-district tuition rates are subject to change based on Board approval.
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: $414 (effective 2025/26 academic year)
In-district tuition rates are subject to change based on Board approval.
Prerequisite: None
Semester(s) Offered: Varies