

# APPLIED PHYSICAL SCIENCE (APS)

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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:** \$597 (effective 2025/26 academic year)

**In-district tuition rates are subject to change based on Board approval.**

**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:** \$597 (effective 2025/26 academic year)

**In-district tuition rates are subject to change based on Board approval.**

**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:** \$414 (effective 2025/26 academic year)

**In-district tuition rates are subject to change based on Board approval.**

**Prerequisite:** None

**Semester(s) Offered:** Varies