

PHYSICAL SCIENCE (PSCI)

PSCI 101 FUND OF PHYSICAL SCIENCE	4 Credit Hours
Introduction to the basic concepts of physics, chemistry, geology, oceanography, meteorology and astronomy. Scientific data collection and analysis will be stressed in lab. (3 lecture)	
Corequisite(s): PSCI 101L	
Pre/Corequisite(s): MATH 126	
PSCI 101L FUND OF PHYSICAL SCIENCE LAB	0 Credit Hours
Co-requisite lab of PSCI 101. (2 lab)	
Corequisite(s): PSCI 101	
PSCI 107 ENERGY FUNDAMENTALS	4 Credit Hours
Course presents the knowledge and analytic tools needed to evaluate energy choices while discussing the latest energy technology innovations. The various vocational opportunities available to graduates of the EAMT and SET programs are reviewed. (3 lecture, 2 lab)	
PSCI 111 ~INTRO TO PHYSICAL SCIENCE	4 Credit Hours
An introduction to the basic concepts of science and scientific methods and the essentials of physics and chemistry. Topics covered include forces, motion, energy, heat, electricity, magnetism, light, atomic structure, chemical bonding, chemical equations, and chemical applications. Scientific data collection and analysis will be stressed in the laboratory portion of the course. (3 lecture)	
Corequisite(s): PSCI 111L	
PSCI 111L INTRO TO PHYSICAL SCI LAB	0 Credit Hours
Co-requisite lab of PSCI 111. (2 lab)	
Corequisite(s): PSCI 111	
PSCI 112 ~INTRO TO EARTH SCIENCE	4 Credit Hours
Fundamental concepts of geology, meteorology, and astronomy. Earth processes, both past and present, will be studied. Topics covered will include the origin of the Universe, solar system and earth; the structure and composition of the earth; plate tectonics; the atmosphere, weather and climate; earth's water resources, and the Earth's place in the Universe. Earth resources and environmental topics will be stressed in the course, rocks and minerals and topographic maps will be studied, and there will be a local geologic field trip. (3 lecture)	
Corequisite(s): PSCI 112L	
PSCI 112L INTRO TO EARTH SCIENCE LAB	0 Credit Hours
(2 lab)	
Corequisite(s): PSCI 112	
PSCI 114 INTRO TO METEOROLOGY	1 Credit Hour
Course covers the basic concepts of meteorology (weather and climate). The course is designed for students seeking the Bachelor of Arts degree in Elementary Education, General Science 5-9 Specialization. (1 lecture)	
PSCI 297 SPECIAL TOPICS	1-4 Credit Hours
(1-4 lecture)	