

PHYSICAL SCIENCE

Associate Degree

- General Studies with Emphasis in Astronomy - Associate in Arts

PHYSC 012 Earth Science 3 Units

This course is an introduction to the main physical processes governing earth's geosphere, atmosphere, and hydrosphere, highlighting interactions of these systems with one another, and with the sun and other solar system bodies. Main topics include formation of the solar system, the theory of plate tectonics, and the interactions of plate tectonics constantly reshaping earth's landscape. It also covers basic physical and chemical processes governing the rock cycle, the types of ocean boundaries, and the evolution of Earth's atmosphere, with special emphasis on the effects caused by climate change on the weather system all over the planet. Field trips may be required.

Lecture Hours: 2 Lab Hours: 3 Repeatable: No Grading: L

Advisory Level: Read: 3 Write: 3 Math: 3

Transfer Status: CSU/UC Degree Applicable: AA/AS

CSU GE: B1, B3 IGETC: 5A, 5C District GE: B1, B3