

ASTRONOMY

Astronomers use the principles of physics and mathematics to answer questions about the fundamental nature of the universe and about celestial bodies such as the sun, moon, planets, and stars. They may apply their knowledge to problems in navigation and space flight.

AST V01 Elementary Astronomy 3 Units

In-Class Hours: 52.5 lecture

This course is a general introduction to astronomy covering: the history of astronomy; the solar system; the evolution of stars; galaxies; and, cosmology. The course will include a descriptive analysis of the physical laws that are relevant to the dynamics of the universe. The study will address astronomical beliefs that have influenced human thinking, philosophy, and morals.

Grade Modes: Letter Graded

Field Trips: May be required

Degree Applicability: Applies to Associate Degree

AA/AS GE: A2

Transfer Credit: CSU, UC

UC Credit Limitations: None

CSU GE-Breadth: B1

IGETC: 5A

AST V01L Elementary Astronomy Laboratory 1 Unit

In-Class Hours: 52.5 laboratory

Prerequisites: AST V01 or concurrent enrollment

This is a laboratory course in introductory astronomy that teaches observations of various astronomical objects interactively through a series of computer-based projects that act as a virtual telescope.

Grade Modes: Letter Graded

Field Trips: May be required

Degree Applicability: Applies to Associate Degree

AA/AS GE: A2

Transfer Credit: CSU, UC

UC Credit Limitations: None

CSU GE-Breadth: B3

IGETC: 5C