

ASTR - ASTRONOMY

ASTR 110 Introduction to Astronomy. 3 Credits

Term Typically Offered: Spring

Surveys the historical highlights and traditional topics in classical and modern astronomy, such as the solar system, sun, planets, galaxies, and the universe.

Examines exotic objects such as quasars, pulsars, and black holes. Presents discussion of recent discoveries, modern cosmological theories, and current unsolved problems. Background in high school algebra is strongly advised.

Lecture Hours 3

Department: Sciences - Biology & Phys Sci

ASTR 111 Introduction to Astronomy Lab. 1 Credit

Term Typically Offered: Spring

Corequisite(s): ASTR 110.

Introduces students to the night sky. Illustrates the difference between real and apparent motions in the heavens. Develops useful observational techniques and an appreciation by the student of the broad range of phenomena in the Universe.

Lab Hours 1

Department: Sciences - Biology & Phys Sci

ASTR 191 Special Topics. 3 Credits

Prerequisite(s): ASTR 110.

Provides the opportunity for students who have completed the survey course to explore a number of special topics in depth. These may include the Big Bang and alternate cosmologies, the dark matter problem, the galaxy formation problem, the dark sky paradox, supernovae, black holes, and/or other topics of current interest.

Lecture Hours 3

Department: Sciences - Biology & Phys Sci