

ASTR 1101: General Astronomy II (winter)

Calendar description: This course is a continuation of ASTR 1100.1(.2) and provides a comprehensive introduction to astronomy for astrophysics majors. Topics include the origin of the solar system, the Sun as a star, stars and star clusters, nebulae, white dwarfs, stellar evolution, supernovae, pulsars, black holes, X-ray binaries, the Milky Way, galaxies and galaxy clusters, active galaxies, quasars, and cosmology. Homework consists of assignments and labs, some of which require the use of the Burke-Gaffney Observatory.

Classes 3 hrs. and lab/telescope observing 1 hr. per week; 1 semester.

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Overview

Prerequisites

[ASTR 1100](#) General Astronomy I

Dependent courses

[ASTR 2100](#) Foundations of Astrophysics

Student Outcomes

Curriculum

Suggested texts

Notes to the instructor