

ASTRONOMY (ASTR)

ASTR C100 **3 Units (54 lecture hours)**

Introduction to Astronomy

Grading Mode: Standard Letter, Pass/No Pass

Transfer Credit: CSU; UC: Credit Limitation: no credit for ASTR C100L unless ASTR C100 is taken previously or concurrently.

Origin; characteristics; and evolution of the solar system, the stars, the galaxies, and the universe. Historical milestones in the science of astronomy from ancient astronomers to current topics such as dark energy, dark matter, and cosmology. Graded or Pass/No Pass option.

ASTR C100L **1 Unit (54 lab hours)**

Astronomy Laboratory

Prerequisite(s): ASTR C100 with a grade of C or better or concurrent enrollment.

Advisory: Understanding of Beginning (Elementary) Algebra.

Grading Mode: Standard Letter, Pass/No Pass

Transfer Credit: CSU; UC: Credit Limitation: No credit for ASTR C100L unless ASTR C100 is taken previously or concurrently.

A beginning astronomy laboratory course for non-science majors. The course will include sky observations with real or virtual telescopes as well as indoor experiments that utilize astronomy-based simulations. Graded or Pass/No Pass option.