

ASTRONOMY

ASTRONOMY (ASTR)

DIVISION: Natural Sciences

ASTR 001 ELEMENTARY ASTRONOMY

3.5 unit

Transfer Credit: CSU; UC credit limitations. See counselor.

Prerequisite(s): Intermediate Algebra or placement into any Math course

numbered 001-099

Methods of investigation used by astronomers. Positional and practical astronomy, dynamical astronomy and modern astrophysics. Use of instruments, techniques of observation. Night lab occasionally substitutes for a lecture period. Total of 54 hours lecture and 36 hours laboratory.

Grade Mode: Letter Grade, Pass/No-Pass

ASTR 012 DESCRIPTIVE INTRODUCTION TO ASTRONOMY

3 unit

Transfer Credit: CSU; UC credit limitations. See counselor.

Recommended Preparation: Intermediate Algebra or placement into any

Math course numbered 001-099

Origin, characteristics and evolution of the solar system, the stars, the galaxies and the universe. No credit if taken after GEOL 016 or ASTR 001. Total of 54 hours lecture.

Grade Mode: Audit, Letter Grade

ASTR 020 INDEPENDENT STUDY

1 unit

Transfer Credit: CSU

Recommended Preparation: Enrollment in or completion of any college-level

(1-99) course in the Natural Sciences

Enrollment Limitation: Permission of Dean

Faculty-guided independent study of a topic in Astronomy. Total of 54

hours laboratory.

Grade Mode: Letter Grade, Pass/No-Pass