

# ASTRONOMY

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## **AST R101 Introduction to Astronomy 3 Units**

*In-Class Hours:* 52.5 lecture

This course is an introduction to astronomy for both science and non-science students. The intent of the course is to familiarize each student with the terms, tools, and theories of modern astronomy. Topics covered include historical events and discoveries, personalities, and tools, as well as studies of the solar system, stars, galaxies, pulsars, and blackholes.

The scientific method is defined and expounded.

**Grade Modes:** Letter Graded

**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 R101L Astronomy Laboratory 1 Unit**

*In-Class Hours:* 52.5 laboratory

*Prerequisites:* AST R101 or concurrent enrollment

This laboratory reinforces principles learned in AST R101. Students obtain hands-on experience with telescopes, star charts, and other devices used in astronomy. Observations are made of the Moon, the planets, and the stars. Field trips to observatories, planetariums, and/or dark-sky sites may be required.

**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

*For more information contact:*

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