

# COURSES

## ASTRONOMY

---

**AST-111 Descriptive Astronomy Lec 3 Lab 0 Clinic 0 Credit 3**

This course introduces an overall view of modern astronomy. Topics include an overview of the solar system, the sun, stars, galaxies, and the larger universe. Upon completion, students should be able to demonstrate an understanding of the universe around them.

**Co-Requisites:** None

**Pre-Requisites:** None

**AST-111A Descriptive Astronomy Lab Lec 0 Lab 2 Clinic 0 Credit 1**

The course is a laboratory to accompany AST 111. Emphasis is placed on laboratory experiences which enhance the materials presented in AST 111 and which provide practical experience. Upon completion, students should be able to demonstrate an understanding of the universe around them.

**Co-Requisites:** AST-111

**Pre-Requisites:** None

**AST-151 General Astronomy I Lec 3 Lab 0 Clinic 0 Credit 3**

This course introduces the science of modern astronomy with a concentration on the solar system. Emphasis is placed on the history and physics of astronomy and an introduction to the solar system, including the planets, comets, and meteors. Upon completion, students should be able to demonstrate a general understanding of the solar system.

**Co-Requisites:** None

**Pre-Requisites:** None

**AST-151A General Astronomy I Lab Lec 0 Lab 2 Clinic 0 Credit 1**

The course is a laboratory to accompany AST 151. Emphasis is placed on laboratory experiences which enhance the materials presented in AST 151 and which provide practical experience. Upon completion, students should be able to demonstrate a general understanding of the solar system.

**Co-Requisites:** AST-151

**Pre-Requisites:** None

**AST-152 General Astronomy II Lec 3 Lab 0 Clinic 0 Credit 3**

This course is a continuation of AST 151 with primary emphasis beyond the solar system. Topics include the sun, stars, galaxies, and the larger universe, including cosmology. Upon completion, students should be able to demonstrate a working knowledge of astronomy.

**Co-Requisites:** None

**Pre-Requisites:** AST-151

**AST-152A General Astronomy II Lab Lec 0 Lab 2 Clinic 0 Credit 1**

The course is a laboratory to accompany AST 152. Emphasis is placed on laboratory experiences which enhance the materials presented in AST 152 and which provide practical experience. Upon completion, students should be able to demonstrate a working knowledge of astronomy.

**Co-Requisites:** AST-152

**Pre-Requisites:** AST-151