ASTRONOMY (AST)

AST-111 Descriptive Astronomy (3 Credits)
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.
Class: 3 Lab: 0 Clinical: 0 Work: 0

AST-111A Descriptive Astronomy Lab (1 Credits)
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.
Class: 0 Lab: 2 Clinical: 0 Work: 0
State Corequisite(s): AST-111

AST-151 General Astronomy I (3 Credits)
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.
Class: 3 Lab: 0 Clinical: 0 Work: 0

AST-151A General Astronomy I Lab (1 Credits)
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.
Class: 0 Lab: 2 Clinical: 0 Work: 0
State Corequisite(s): AST-151

AST-152 General Astronomy II (3 Credits)
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.
Class: 3 Lab: 0 Clinical: 0 Work: 0
State Prerequisite(s): AST-151

AST-152A General Astronomy II Lab (1 Credits)
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.
Class: 0 Lab: 2 Clinical: 0 Work: 0
State Prerequisite(s): AST-151
State Corequisite(s): AST-152