

ASTRONOMY

*Effective Term – Summer 1997 [1997*02]*

AST 111	Descriptive Astronomy	3	0	3
Prerequisites:	None			
Corequisites:	None			

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. *This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in natural sciences/mathematics.*

*Effective Term – Summer 1997 [1997*02]*

AST 111A	Descriptive Astronomy Lab	0	2	1
Prerequisites:	None			
Corequisites:	AST 111			

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. *This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in natural sciences/mathematics.*

*Effective Term – Summer 1997 [1997*02]*

AST 151	General Astronomy I	3	0	3
Prerequisites:	None			
Corequisites:	None			

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. *This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in natural sciences/mathematics.*

*Effective Term – Summer 1997 [1997*02]*

AST 151A	General Astronomy I Lab	0	2	1
Prerequisites:	None			
Corequisites:	AST 151			

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. *This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in natural sciences/mathematics.*

*Effective Term – Summer 1997 [1997*02]*

AST 152	General Astronomy II	3	0	3
Prerequisites:	AST 151			
Corequisites:	None			

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. *This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in natural sciences/mathematics.*

*Effective Term – Summer 1997 [1997*02]*

AST 152A General Astronomy II Lab

0 2 1

Prerequisites: AST 151

Corequisites: AST 152

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. *This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in natural sciences/mathematics.*

*Effective Term – Summer 1997 [1997*02]*

AST 251 Observational Astronomy

1 3 2

Prerequisites: AST 111 or AST 152

Corequisites: None

This course covers the operation of the telescope and related observatory equipment. Emphasis is placed on the use of the telescope and related observatory equipment, including techniques of data collection, measurements, and data analysis. Upon completion, students should be able to set up a telescope and use the coordinate system to locate objects, collect data, and make measurements with the telescope. *This course has been approved to satisfy the Comprehensive Articulation Agreement for transferability as a premajor and/or elective course requirement.*

See the SEL and SEM prefixes for generic Selected Topics and Seminar course descriptions.