



COURSE SYLLABUS

PO Box 1189
1042 W. Hamlet Avenue
Hamlet, NC 28345
(910) 410-1700
www.richmondcc.edu

COURSE: **AST 111** **DESCRIPTIVE ASTRONOMY**

HOURS: Lecture: **3** Lab/Shop: **0** Work Exp/Clinical: **0** Credits: **3**

COURSE DESCRIPTION:

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.

Note: In accordance with the Comprehensive Articulation Agreement, this course has been approved to satisfy the Universal General Education Transfer Component requirement for natural sciences in the A.A. degree program. This course has been approved to meet the natural sciences requirement in A.A.S. degree programs.

PREREQUISITE(S): None

COREQUISITE(S): AST 111A

TEXTBOOK(S) & OTHER SPECIAL REQUIREMENTS:

Open Educational Resources (OER) are listed in the course Moodle.

STUDENT LEARNING OUTCOMES:

Upon successful completion of this course, the student will be able to:

1. Distinguish different units of measure.
2. Describe the Earth/Moon relationship.
3. Describe the properties of light and atomic interactions.
4. Describe our solar system.
5. Describe the properties of the planets.
6. Describe the structure and properties of other minor bodies in the solar system.
7. Describe the structure, properties and phenomena associated with the Sun and other stars.
8. Describe the properties of the Milky Way and other galaxies.
9. Describe the properties of the larger universe.

*****Please refer to the online version of the Richmond Community College Program & Course Catalog and the Student Handbook for current academic and general policies.**