AST 130 THE PLANETS

Credit Hours: 4  Lec 3  Rec 1  Lab 2

General Education Course:  W (critical inquiry, writing intensive)
G (Global Awareness)

PREREQUISITE: ENG 101 eligibility or appropriate reading score

THIS COURSE IS DESIGNATED AS WRITING INTENSIVE: Arizona Western College, in accordance with the Arizona General Education Curriculum (AGEC), expects the kind of intensive writing and critical inquiry skills which all undergraduate students shall develop as a part of or as an extension of literacy – the ability to reason and communicate through the medium of language. Intensive writing involves the development of communicative competence in written discourse, while critical inquiry involves the gathering, interpretation, and evaluation of evidence. Intensive writing and critical inquiry must be sustained in the required Freshman Composition courses as well as in other General Education courses as part of the Transfer General Education Core Curriculum.

COURSE DESCRIPTION

Introduction to astronomy with emphasis on our solar system, origin of life on Earth, and the search for life elsewhere.

1. COURSE GOALS
   1.1. Student is knowledgeable about our solar system.
   1.2. Student is knowledgeable about the scientific search for the origin of life in our solar system.
   1.3. Student is knowledgeable about the scientific method.

2. COMPETENCIES
   Upon satisfactory completion of this course, students will be able to:
   2.1. Describe the history of the quest to understand our place in the universe.
   2.2. Describe the scientific ideas about the origin of the universe and the objects in our solar system.
   2.3. Describe the similarities and differences between solar system objects.
   2.4. Describe the processes that change solar system objects.
   2.5. Describe the present scientific ideas about the origin of life in our solar system.
   2.6. Describe the scientific method and its role in improving knowledge.
   2.7. Generate appropriate writing discourse according to the AWC Writing Intensive Courses: General Education guidelines.

3. STUDENT RESPONSIBILITIES
   3.1. Under AWC Policy, students are expected to attend every session of class in which they are enrolled.
3.2. If a student is unable to attend the course or must drop the course for any reason, it will be the responsibility of the student to withdraw from the course. Students who are not attending as of the 45th day of the course will be withdrawn by the instructor. If the student does not withdraw from the course and fails to complete the requirements of the course, the student will receive a failing grade.

3.3. Americans with Disabilities Act Accommodations: Arizona Western College provides academic accommodations to students with disabilities through AccessABILITY Resource Services (ARS). ARS provides reasonable and appropriate accommodations to students who have documented disabilities. It is the responsibility of the student to make the ARS Coordinator aware of the need for accommodations in the classroom prior to the beginning of the semester. Students should follow up with their instructors once the semester begins. To make an appointment call the ARS front desk at (928) 344-7674 or ARS Coordinator at (928) 344-7629, in the College Community Center (3C) building, next to Advising.

3.4. Academic Integrity: Any student participating in acts of academic dishonesty — including, but not limited to, copying the work of other students, using unauthorized “crib notes”, plagiarism, stealing tests, or forging an instructor’s signature — will be subject to the procedures and consequences outlined in AWC’s Student Code of Conduct.

3.5. Texts and Notebooks: Students are required to obtain the class materials for the course.

4. METHODS OF INSTRUCTION
   4.1. Lectures
   4.2. Laboratory activities

5. LEARNING ACTIVITIES
   5.1. Lectures
   5.2. Laboratory activities
   5.3. Reading
   5.4. Writing

6. EVALUATION
   6.1. Tests
   6.2. Activities
   6.3. At least 15% of the student’s grade in the course will be based on written discourse.