Course Outline

Course Title: Astronomy: The Solar System
Submitted By: M. Threapleton

Semester Course Prefix and Number: PHYS 1565
Old Quarter Course Prefix and Number: PHYS 131

Number of Credits: 2
Number of Lecture Credits: 2
Number of Lab Credits: 2
Number of Lab Hours: 2

Catalog Description:
This course is a non-mathematical study of the Solar System: the sun, the planets, the asteroids, and the comets. This is a study of their present structure and origin.

Prerequisites and/or recommended entry skills/knowledge:
Course Prerequisite(s): None
Reading Prerequisite: None
Composition Prerequisite: None
Mathematics Prerequisite: None

Career Programs and Transfer Majors Accessing this Course:

Minnesota Transfer Curriculum Goal(s) partially met by this course if applicable: Notes: No more than two goals may be met by any one course. (Curriculum Committee review and the Chief Academic Officer’s approval are required).

0. None
1. Communications
2. Critical Thinking
3. Natural Sciences
4. Mathematical/Logical Reasoning
5. History and the Social and Behavioral Sciences
6. The Humanities and Fine Arts
7. Human Diversity
8. Global Perspectives
9. Ethical and Civic Responsibility
10. People and the Environment
Learning outcomes, including any relevant competencies listed in the Minnesota Transfer Curriculum:
- Learn how the solar system behaves
- Trace the history of development of solar system from beginnings of history to present
- See how scientific theories are developed and changed
- Designed to satisfy the non-lab science requirements

Student assessment methods:
Two multiple-choice tests

Use of instructional technology (includes software, interactive video and other instructional technologies):
Astronomy videos

Outline of the major course content:
- A nonmathematical study of the Solar System: the sun, the planets, the asteroids, & the comets
- A study of their present structure and origin

Additional special information (special fees, directives on hazardous materials, etc.)

Transfer Information: (Please list colleges/majors that accept this course in transfer.)

Approvals:

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