

El Paso Community College

Syllabus

Part II

Official Course Description

SUBJECT AREA	<u>Physics</u>
COURSE RUBRIC AND NUMBER	<u>ASTR 1104</u>
COURSE TITLE	<u>Astronomy Laboratory Solar System</u>
COURSE CREDIT HOURS	<u>1 0: 2</u> Credits Lec Lab

I. Catalog Description

Continues exercises of ASTR 1103. Provides basic laboratory activities in solar system astronomy. Uses laboratory experiments and exercises to provide the students with an introduction to the concepts and methods used in studying the solar system. Emphasizes naked-eyed observations. **Corequisite: ASTR 1304. (0:2). Lab fee.**

II. Course Objectives

Upon completing this course, the student will be able to:

- A. Define various astronomical terms.
- B. Identify various types of telescopes and their components.
- C. Calculate various mathematical and astronomical activities, including scientific motion, significant figures, time for interplanetary travel, temperatures of the planets, systems of time, optics in astronomy.
- D. Observe and record various astronomical events, including solstice and equinox sunrises and sunsets, motion of planets on the celestial sphere, motion and phase change of Moon on the celestial sphere, and meteors.
- E. Describe the physical properties of solar system objects and correctly answer question about them.

III. Evaluation

- A. Preassessment
There is no reassessment for this course.
- B. Postassessment
The scheduling of assignments, such as examinations, homework, quizzes and laboratory exercises, will be the sole prerogative of the instructor. The manner, frequency and extent of these instruments will be indicated to the student in the course syllabus that is distributed at the beginning of the semester. The philosophy of the college endorses frequent evaluation.
- C. Remediation
The Instructor may provide a student with a means of improving a grade. The timing, form and method of remediation will be determined by the instructor and included in the course syllabus.

D. Grading

All grading will follow current EPCC catalog standards. The assignment of letter grades to percent scores obtained in various class activities will be determined by the instructor and included in the course syllabus.

IV. Disability Statement (American with/Disabilities Act [ADA])

EPCC offers a variety of services to persons with documented sensory, mental, physical, or temporary disabling conditions to promote success in classes. If you have a disability and believe you may need services, you are encouraged to contact the Center for Students with Disabilities to discuss your needs with a counselor. All discussions and documentation are kept confidential. Offices located: VV Rm C-112 (831-2426); TM Rm 1400 (831-5808); RG Rm B-201 (831-4198); NWC Rm M-54 (831-8815); and MDP Rm A-125 (831-7024).

V. 6 Drop Rule

Students who began attending Texas public institutions of higher education for the first time during the Fall 2007 semester or later are subject to a 6-Drop limit for all undergraduate classes. Developmental, ESL, Dual Credit and Early College High School classes are exempt from this rule. All students should consult with their instructor before dropping a class. Academic assistance is available. Students are encouraged to see Counseling Services if dropping because exemptions may apply. Refer to the EPCC catalog and website for additional information.