

El Paso Community College

Syllabus

Part II

Official Course Description

SUBJECT AREA	<u>Physics</u>
COURSE RUBRIC AND NUMBER	<u>ASTR 1103</u>
COURSE TITLE	<u>Astronomy Laboratory Stars and Galaxies</u>
COURSE CREDIT HOURS	<u>1 0 :<!-- 2</u--> Credits Lec Lab</u>

I. Catalog Description

Laboratory activities applied to stellar systems. **Corequisite: ASTR 1303. (0:2). Lab fee.**

II. Course Objectives

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

- A. Identify various constellation and locate them on the celestial sphere.
- B. Solve problems and application dealing with various stellar properties, including distance calculations, orbital element calculations, spectral classifications of stars, and stellar temperatures and sizes.
- C. Draw the Hertz spring Russell Diagram and place stars on it.
- D. Identify and classify clusters and galaxies of stars.
- E. Express the Hubble Law, relate it to radial velocities, and solve problems about it.

III. Evaluation

- A. Preassessment
There is no preassessment 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 instructors may provide a student with a means of improving a grade. The timing, form, and method of remediation will be determined by the instructors 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.