

El Paso Community College

Syllabus

Part II

Official Course Description

SUBJECT AREA	<u>Geology</u>
COURSE RUBRIC AND NUMBER	<u>GEOL 1302</u>
COURSE TITLE	<u>Principles of Geology</u>
COURSE CREDIT HOURS	<u>3 3 : 0</u> Credits Lec Lab

I. **Catalog Description**

Studies the earth as a planet, including an introduction to astronomy and oceanography. Provides a survey of the history of the earth through time, as evidenced by plants, animals, rocks and minerals. NOT OPEN TO STUDENTS WHO HAVE COMPLETED GEOL 1303 and 1103 AND/OR GEOL 1304 and 1104. **Prerequisite: GEOL 1301 and 1101. Corequisite: GEOL 1102. (3:0).**

II. **Course Objectives**

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

- A. Identify the influence of geologic and hydrologic processes on Earth's surface
- B. Describe the causes and effects of tectonic, meteorological, oceanographic, and astronomical hazards
- C. Relate climate change to changes in tectonic configurations, astronomical relationships, and atmospheric composition
- D. Discuss potential effects of climate variability on Earth systems, including biological systems
- E. Recognize how scientific models represent an abstraction of complex systems, such as ocean circulation and climate variability
- F. Describe natural resources used by humans and their occurrence and extraction
- G. Discuss the effects of renewable and nonrenewable resource development and sustainability

III. **Evaluation**

The procedure for determining the final grade will be decided by the instructor and presented to the student in the syllabus.

Possible grading procedures may include:

- A. Lecture exams and quizzes
- B. Homework
- C. Individual and/or group projects
- D. Written work, including research papers

Grading: 90 and above = A; 80-89.9 = B; 70-79.9 = C; 60-69.9 = D; below 60 =F

IV. Disability Statement (Americans 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 Room C-112 (831-2426); TM Room 1400 (831-5808); RG Room B-201 (831-4198); NWC Room M-54 (831-8815); and MDP Room 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.