El Paso Community College
Syllabus
Part II
Official Course Description

SUBJECT AREA	**Geology**
COURSE RUBRIC AND NUMBER	**GEOL 1302**
COURSE TITLE	**Principles of Geology**
COURSE CREDIT HOURS	**3 3 0** **Credits Lec Lab**

I. Catalog Description

Continues the study of geology, astronomy, meteorology, and oceanography, focusing on natural hazards and climate variability. **Prerequisite: GEOL 1301 and 1101 or GEOL 1303 and 1103. 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. THECB Learning Outcomes (ACGM)

Upon successful completion of this course, students will:

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

IV. 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

V. 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).

VI. 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.