El Paso Community College
Syllabus
Part II
Official Course Description

SUBJECT AREA	**Geology**
COURSE RUBRIC AND NUMBER	**GEOL 1304**
COURSE TITLE	**Historical Geology**
COURSE CREDIT HOURS	**3 3 0** **Credits Lec Lab**

I. Catalog Description

A comprehensive survey of the history of life and major events in the physical development of Earth as interpreted from rocks and fossils. **Prerequisite: GEOL 1303 and 1103. Corequisite: GEOL 1104. (3:0).**

II. Course Objectives

By the end of the course the student will be able to:

A. Describe how the application of the scientific method has led to our current understanding of Earth history.
B. Explain the historical development of Geology as a science and how it was influenced by early interpretation of fossils and the theory of evolution.
C. Communicate how principles of relative and numerical age dating have been used to develop the Geologic Time Scale.
D. Describe the processes involved in the formation and differentiation of the Earth and identify major milestones in the physical evolution of the planet.
E. Identify the major milestones in the evolution of life from its initial inorganic stages, through development of the major animal and plant groups, to mass extinctions.
F. Explain how rocks and fossils are used to interpret ancient environments.
G. Identify the major tectonic events in the geologic evolution of North America.

III. THECB Learning Outcomes (ACGM)

Upon successful completion of this course, students will:

1. Describe how the application of the scientific method has led to our current understanding of Earth history.
2. Explain the historical development of Geology as a science and how it was influenced by early interpretations of fossils and the theory of evolution.
3. Communicate how principles of relative and numerical age dating have been used to develop the Geologic Time Scale.
4. Describe the processes involved in the formation and differentiation of the Earth and identify major milestones in the physical evolution of the planet.
5. Identify the major milestones in the evolution of life from its initial inorganic stages, through development of the major animal and plant groups, to mass extinctions.
6. Explain how rocks and fossils are used to interpret ancient environments.
7. Identify the major tectonic events in the geologic evolution of North America.

Revised by Discipline: Fall 2015 (next revision in 3 years)

IV. Evaluation

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

LECTURE

A. Exams and Quizzes. The number, frequency and type of quizzes and exams are left to the discretion of the instructor.

B. Grading:

Above 90	=**A**
80-89.9	=**B**
70-79.9	=**C**
60-69.9	=**D**
Below 60	=**F**

V. 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 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.