

Esci 101 — Geology and Man

Instructor: Dr. Chip Fox
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Office: SCI 262

Class Meets: Lecture 9:30 — 10:45 Tue, Thur, BA 106

Required Text: Chernicoff, Fox (2003) Essentials of Geology, 3rd ed., Boston: Houghton–Mifflin

Catalog Description: A systematic study of minerals, rocks, and the processes which shape and modify the surface features of the earth. Energy, plate tectonics, volcanoes, earthquakes, and the practical aspects of geology are studied as they relate to man's adjustments to the geologic environment.

Expectations:

- Attend all sessions. More than four unexcused absences may result in a drop of one letter grade. Five or more absences may result in being dropped from the course.
- Actively participate in and complete all lab assignments and exercises and all homework assignments.
- Successfully pass two mid-term exams and a comprehensive final.
- Complete two research papers on some aspect of Geology. Each paper is to consist of 3 pages minimum plus a reference page. The papers must use standard margins & font, be well referenced, typed, and stapled together. DO NOT USE REPORT COVERS. Each paper is worth 25 points divided as follows

- (1) Properly referenced (10)
- (2) Topic well researched (5)
- (3) Mechanics (grammar, spelling, length, normal font, etc) (5)
- (4) Paper in on time (5)

Evaluation:	2 Mid-term Exams	200 Points
	Comprehensive Final Exam	100
	2 Papers @ 25 each	50
	Lab	50
	Total	400 Points

Topical Syllabus:

Week	Topic	Chapter
1	Introduction to Geology	1
2	Introduction to Geology — Minerals	1,2
3	Minerals	2
4	Igneous Processes	3
5	Igneous Rocks, Exam I	3
6	Volcanoes	4
7	Weathering	5
8	Sedimentary Rocks	6
9	Metamorphic Rocks	7
10	Historical Geology, Exam II	8
11	Folds, Faults, & Mountains	9
12	Earthquakes	10
13	Earth's Interior	10
14	Plate Tectonics	11
15	Plate Tectonics	11
16	Final Exam	

Caveats Box

Disabilities — Requests from students with disabilities for reasonable accommodations must go through the Academic Support Committee. For more information, please contact the office of Advisement Services, BA 314, 903-886-5133.

Behavior — All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. Students who are disruptive to class activities will be dropped from the class and may face further disciplinary action.

Plagiarism — Plagiarism is a criminal activity. You must cite all sources of information. Unreferenced copying of material, whether parts of sentences, whole sentences, paragraphs, or entire articles can result in a score of zero for your assignment