

COURSE INFORMATION DOCUMENT

Department of Geography
University of North Texas
Fall 2006
<http://www.geog.unt.edu/~sallee/>

Instructor: David Sallee
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TR 5:00-6:30

GEOL 1610 PHYSICAL GEOLOGY

Course Description

This course covers the study of the Earth, its atmosphere, hydrosphere, and lithosphere as well as the biosphere. It includes the nature and properties of earth materials; their distribution, how they are formed, changed, transported and distorted and the development of landscapes.

Course Focus

The instructor will use lecture, discussion, demonstration, multimedia (including computers), world-wide web, and experiments to familiarize students with the nature and properties of earth materials, geological processes and the development of landscapes. This course is designed for college level introductory physical geology and is intended for geology science majors and non-major students who have not had previous science courses.

Course Goals

By the end of this course, you will: comprehend the basic tenets of geology and how geologists work; understand plate tectonics, appreciate the geology and geologic processes surrounding you; have a greater understanding of the relationship between human beings and their surrounding environment, be able to apply your knowledge by solving problems, and evaluate the factors affecting the earth's past, present, and future.

Student Contributions

Each student should spend at least 6 hours per week preparing for class. Attendance is critical in this class. Each student is expected to attend class and participate in all class activities. Arriving late, leaving early, or talking during class is distracting and discourteous to your fellow students.

Note: The instructor reserves the right to change any information contained in this document, when necessary, with adequate notice given to the student.

Academic Dishonesty

Cheating

The term "cheating" includes, but is not limited to:

- a. use of any unauthorized assistance in taking quizzes, tests, or examinations;
- b. dependence upon the aid of sources beyond those authorized by the instructor in writing papers, preparing reports, solving problems, or carrying out other assignments;
- c. the acquisition, without permission, of tests, notes or other academic material belonging to a faculty or staff member of the university;
- d. dual submission of a paper or project, or resubmission of a paper or project to a different class without express permission from the instructor(s); or
- e. any other act designed to give a student an unfair advantage.

Plagiarism

The term "plagiarism" includes, but is not limited to:

- a. the knowing or negligent use by paraphrase or direct quotation of the published or unpublished work of another person without full and clear acknowledgment, and/or
- b. the knowing or negligent unacknowledged use of materials prepared by another person or by an agency engaged in the selling of term papers or other academic materials.

Students found guilty of any form of academic dishonesty, including but not limited to cheating, fabrication, facilitating academic dishonesty, plagiarism, and collusion may receive an F on the assignment and/or the course from the instructor and may be suspended from college by administrative action.

Religious Holidays

In accordance with State law, students absent due to the observance of a religious holiday may take examinations or complete assignments scheduled for the day missed within a reasonable time after the absence, at the discretion of the instructor. Students who will be absent from class for the observance of a religious holiday must notify the instructor by written document in advance.

Disability Accommodation

It is the policy of University of North Texas and this instructor to provide reasonable accommodations for qualified individuals who are students with disabilities. Students who qualify for accommodations are responsible for presenting to their instructor an Accommodation Request Form, which is generated on ODA letterhead and signed by a department official. This form verifies that the student has a disability and summarizes the recommended accommodations.

Course Evaluation

The course grade is determined by:

lecture exams 60%
online quizzes 10%
laboratory 30%
100%

The course grade scale is determined as follows:

A = 90-100%; B = 80-89%;
C = 70-79%; D = 60-69%;
F = 59% and below

Note: There is **no extra credit**. Note: There is **no extra credit**. Note: There is **no extra credit**.

Required Textbook

Lutgens, F., Tarbuck, E. 2006. *Essentials of Geology 9E*. Pearson Prentice Hall ISBN 0-13-149749-9
<http://www.prenhall.com/lutgens>

Tentative Course Schedule

Week	Lecture Topic
1	Chapter 1, Introduction and chapter 2, Minerals .
2	Continue Minerals and chapter 3, Igneous Rocks and Processes .
3	Continue chapter 3 and chapter 4, Volcanoes .
4	**EXAM 1: chapters 1-4**
5	Chapter 5, Weathering and Soil .
6	Chapter 6 Sedimentary Rocks
7	Chapter 7, Metamorphic Rocks .
8	Chapter 8, Mass Wasting Chapter 9, Running Water
9	Continue Chapter 9, Running Water and Chapter 10, Groundwater
10	**EXAM 2: chapters 5-9**
11	Chapter 12, Deserts and Wind and Chapter 13, Shorelines
12	Chapter 14, Earthquakes and Earth's Interior
13	**EXAM 3: chapters 10, 12-13**
14	Chapter 15, Plate Tectonics THANKSGIVING HOLIDAY – NO CLASS
15	Continue Chapter 15, Plate Tectonics and Chapter 17, Crustal Deformation and Mountain Building
16	Continue chapter 17, Review for Final Exam **EXAM 4, FINAL: chapters 14-15, 17**

NOTE: This is a tentative schedule, expect changes.

All cell phones, beepers, messaging systems, etc. should be set to the silent setting during class or lab.

Scantron(s) will be provided for all exams, and under NO circumstances will corrections be made for incorrect erasure marks or intentional/unintentional blanks.

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