

# COURSE INFORMATION DOCUMENT

Department of Geography  
University of North Texas  
Spring 2007  
<http://www.geog.unt.edu/~sallee/>

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TR 8:30-9:00

## GEOG 1710 EARTH SCIENCE

**Spring 2007**

### **Course Description**

This course covers the study of the Earth, its atmosphere, hydrosphere, and lithosphere as well as the biosphere. The first part consists mainly with weather and climate and the second part is mostly geology and landforms. Due to the wide range of Earth science topics, only selected chapters and partial chapters from the text will be covered.

### **Course Focus**

The instructor will use lecture, discussion, demonstration, multimedia (including computers), and world-wide-web 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 Earth science students and is intended for geography 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 Earth science including features, processes, and interactions of the physical environment of the Earth.

### **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.

## **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- a. the knowing or negligent use by paraphrase or direct quotation of the published or unpublished work of another person without full and clear acknowledgment, and/or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                    50%  
 lecture homework                20%  
 laboratory                         30%  
    100%

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

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: You must pass the lab to pass the course.\*\*\*\***  
**\*\*\*\*NOTE: Do NOT email me requesting grades. Come see me.\*\*\*\***

## Required Textbook

Christopherson, R.W. *Geosystems 6 ed.* Pearson Prentice Hall

[http://wps.prenhall.com/esm\\_christopherson\\_geosystems\\_6](http://wps.prenhall.com/esm_christopherson_geosystems_6)

## Tentative Course Schedule

Week	Topic	Approx. Date	Text
1	Foundations of Geography		Chapter 1
2	Atmosphere/Energy Balance		Chapters 2-4
3	Atmospheric and Oceanic Circulation		Chapter 6
	Water and Atmospheric Moisture	EX 1, Quiz 1-4, 6-7, Case Study 1-3 Due	Chapter 7
4	Weather		Chapter 8
5	Weather		Chapter 8
6	Water Resources and Climate		Chapter 9, 10
7	Dynamic Planet		Chapter 11
8	Tectonics, Earthquakes, & Volcanism	EX 2, Quiz 8-11, Case Study 4-5 Due	Chapter 12
9	Tectonics, Earthquakes, & Volcanism		Chapter 12
10	<b>Spring Break</b>		
11	Weathering, Karst Landscapes, and Mass Movement		Chapter 13
11	River Systems and Landforms		Chapter 14
12	Eolian Processes and Arid Landscapes	EX 3, Quiz 12-15, Case Study 6-9 Due	Chapter 15
13	Shorelines and Shoreline Processes		Chapter 16
14	Geography of Soils		Chapter 18
15	Ecosystems and Biomes		Chapter 19, 20
16	Flora and Fauna		Chapter 19, 20
17	<b>Final Exam</b>	EX 4, Quiz 16-20 Due	

