

UNIVERSITY OF NORTH TEXAS
Department of Geography

GEOG 1710-003: Earth Science (Spring, 2011)

Location: ENV 110

Class: Tuesday/Thursday, 3:00 to 4:20 pm

Office Hours: M 10:30 am to 12:00 pm & Th 9:30 to 10:30 am or by appointment

Instructor

Steve Wolverton

ENV 310H

(940) 565-4987

wolverton@unt.edu

Course Description and Objective: This course is an introduction to mapping, weather and climate, soil and vegetation, and the landforms of rivers, coasts and deserts. The goal of this course is to provide you with a basic, yet comprehensive, understanding of your physical environment.

Required Text: *Geosystems: Seventh Edition*, 2008, by Robert W. Christopherson

Grading: You must be registered for the Earth Science lab. The lab is worth 30% of your final grade and you must pass the lab to pass the course. Your lecture grade is the other 70% of your final grade. It will be based on the following:

Quiz:	Three Sets (multiple choice questions)	15 % each
Exam:	Final Exam (mix of short answer and multiple choice)	25 %

Accommodations: The Department of Geography, in cooperation with the Office of Disability Accommodation, complies with the Americans with Disabilities Act in making reasonable accommodations for qualified students with disabilities. Please present your written accommodation request before the 12th class day.

Extra Credit: The Department of Geography does not allow extra credit assignments (work not specified on a course syllabus).

Academic Dishonesty: Students caught cheating or plagiarizing will receive a "0" for that particular assignment or exam. Additionally, the incident will be reported to the Office of Student Rights and Responsibilities for further penalty. According to the UNT catalog, 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 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. Altering a returned test and claiming a grader or scanning machine made an error is also considered cheating. 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 (b) the knowing or

negligent unacknowledged use of materials prepared by another person or agency engaged in the selling of term papers or other academic materials.

Classroom Courtesy: Please follow these guidelines to avoid disrupting the class:

- (1) Turn off cell phones before arriving.
- (2) Do not arrive late or leave early (except for a bathroom break or emergency).
- (3) Do not sleep during class.
- (4) Do not work on other assignments during class.
- (5) Do not talk or whisper to neighbors (except for formal class interaction).

Course Schedule:

Date	Chapter	Title
Jan. 18	Chapter 1	Essentials of Geography
Jan. 20	Chapter 2	Solar Energy to Earth and the Seasons
Jan. 27	Chapter 3	Earth's Modern Atmosphere
Jan. 29	Chapter 4	Atmosphere and Surface Energy Balances
Feb. 01	Chapter 5	Global Temperatures
Feb. 03	Chapter 6	Atmospheric and Oceanic Circulations
Feb. 08	----- Exam 1 -----	
Feb. 10	Chapter 7	Water and Atmospheric Moisture
Feb. 15	Chapter 7	Water and Atmospheric Moisture
Feb. 17	Chapter 8	Weather
Feb. 22	Chapter 8	Weather
Feb. 24	Chapter 9	Water Resources
Mar. 01	Chapter 10	Global Climate systems
Mar. 03	----- Exam 2 -----	
Mar. 08	Chapter 11	The Dynamic Planet
Mar. 10	Chapter 12	Tectonics, Earthquakes, and Volcanism
<i>Mar. 12 to 20 Spring Break</i>		
Mar. 22	Chapter 12	Tectonics, Earthquakes, and Volcanism
Mar. 24	Chapter 13	Weathering, Karst Landscapes, and Mass Movement
Mar. 29	Chapter 14	River Systems and Landforms
Mar. 31	----- Exam 3 -----	
Apr. 05	Chapter 16	The Oceans, Coastal Processes, and Landforms
Apr. 07	Chapter 16	The Oceans, Coastal Processes, and Landforms

Apr. 12	Chapter 18	The Geography of Soils
Apr. 14	Chapter 19	Ecosystem Essentials
Apr. 19	Chapter 19	Ecosystem Essentials
Apr. 21	Chapter 20	Terrestrial Biomes
Apr. 26	Chapter 20	Terrestrial Biomes
Apr. 28	Chapter 21	Earth and the Human Denominator
May 03	----- Review -----	
May 05	Reading day	
May 12	FINAL 1:30 to 33:30	