

GEOS 1303-001 - PHYSICAL GEOLOGY, Fall 2005

Course Outline

<u>Date</u>		<u>Topic</u>
08/18	Chapter 1	Introduction
08/23; 08/25	Chapter 2	Atoms, Elements, and Minerals
08/30; 09/01	Chapter 3	Igneous Rocks, Intrusive Activity, Origins
09/06; 09/08	Chapter 4	Volcanism and Extrusive Rocks
09/13; 09/15	Chapter 5; Chapter 6	Weathering Soil; Mass Wasting
09/20; 09/22	Chapter 7	Metamorphism, Metamorphic Rocks
09/27; 09/29	Chapter 8; Chapter 9	Time and Geology; Mass Wasting
10/04; 10/06	Chapter 10; Chapter 11	Streams and Floods; Ground Water
10/11; 10/13	Chapter 12; Mid-term	Glaciers and Glaciation
10/18; 10/20	Chapter 13; Chapter 14	Deserts and Wind Action
10/25; 10/27	Chapter 15; Chapter 16	Geologic Structures; Earthquakes
11/01; 11/03	Chapter 16; Chapter 17	Earth's Interior and Geophysical Properties
11/08; 11/10	Chapter 18; Chapter 19	The Sea Floor; Plate Tectonics
11/15; 11/17	Chapter 20; Chapter 21	Mountain Belts, Crust; Geologic Resources
11/22; 11/24	Chapters 1-21	Review; Thanksgiving Holiday
11/29	FINAL Exam	

Grading Procedure

Pop tests (3 minimum)	30%
Mid-term	20%
Final	50%

Instructor: Dr. James L. Carter (FO 2.218A; 972-883-2455; jcarter@utdallas.edu)

Office Hours: 1:30 a.m. to 1:55 a.m., and by appointment

Text: Physical Geology, Plummer, McGeary, & Carlson

Lecture/Lab Room: JO 3.516

Lecture/Lab Time: Tuesday/Thursday - 2:00 p.m. to 3:15 p.m.

Pre-requisites: None

This course focuses on the basic concepts of physical geology, which will provide a framework for the understanding of the importance of geologic processes that may effect your every day life.

You may purchase the new eBook format of Plummer et al. direct from the publisher at a reduced price. Go to <http://textbooks.zinio.com>