

Geology 1212 - Principles of Earth Science (2 credits) – CRN 14989

Fall 2014

W 3:30-5:20 Room 123 Geology

Laboratory - W 11:30-1:20 or W 1:30–3:20

Instructor:

Prof. Nicholas E. Pingitore
206/205 Geology
747-5754
npingitore@utep.edu

Office Hours:

W 11:00-11:50; 3:20-4:10
or, usually, right after class
or, any time you can find me in Rooms 206/205
or, call or e-mail about the problem

Text:

Earth Science and the Environment, Thompson and Turk, Third or Fourth Edition
Geology 1312 Laboratory Manual - Earth Science 2 (Posted on Internet)
<http://www.geo.utep.edu/pub/avila/web/1312%20manuall.pdf>

Course Synopsis:

Study of the earth as a planet. Includes an introduction to historical geology, astronomy, physiography, and oceanography.

Laboratories:

You **MUST, MUST, MUST** be enrolled in a laboratory!
Make sure it is a Geology 1112 laboratory!
Labs begin this week, Room 216, this building.

Grades:

Lecture examinations account for course grade. Typically 2/3 lecture, 1/3 textbook. Extra credit assignments will be added to the overall course average.
Laboratory is a separate grade on your transcript.

Other:

There will be several voluntary assignments for extra credit, such as a field trip to a location of interest or a library project. Each will be worth up to 2 1/2 points on your final course average.

The fine print:

Please inform me as soon as possible about any classes which you anticipate you will be unable to attend.

If you have any physical, mental, or emotional condition that prevents your full participation in the course, or that might affect your ability to perform on examinations, homework, laboratory, etc., please see me privately as soon as possible so that we can work out appropriate arrangements to accommodate your special needs. **If you have a disability and need classroom accommodations, please contact The Center for Accommodations and Support Services (CASS) at 747-5148, or by email to cass@utep.edu, or visit their office located in UTEP Union East, Room 106. For additional information, please visit the CASS website at www.sa.utep.edu/cass.**

The use of any electronic or other recording device in class is not allowed without the written permission of the instructor. Student ethical and overall behavior during this course is expected to conform to current standards for students at UTEP, as outlined in the Undergraduate Catalog. Full details are found in the *Handbook of Operating Principles*, available in the Office of the Dean of Students and on the Dean's homepage.

TENTATIVE COURSE SCHEDULE
Geology 1212 - Fall 2014

WEEK	TOPIC	TEXT CHAPTER
August		
1 W 8-27	Course organization Review basic science & geology	Ch. 7 mostly skim figures; 7.6
September		
2 W 9-3	Elements, minerals, and rocks	Ch. 2 & 3; skip 3.3 for now
3 W 9-10	Weathering and erosion	Ch. 10; 11.2; 13.1; 13.2; 13.3; 14.4
4 W 9-17	Weathering and erosion (continued)	continue above
5 W 9-24	Sedimentary rocks Review for Exam 1	Ch. 3.3
October		
6 W 10-1	EXAM # 1	
7 W 10-8	Surface water	Ch. 11; skip 11.6 & 11.7 (11.7, 11.8 4 th edition)
8 W 10-15	Ground water	Ch. 11.6; 11.7 (11.7, 11.8 4 th edition); 12
9 W 10-22	Fossils	Ch. 4
	(Friday, Oct. 31 – Drop Deadline!)	
10 W 10-29	Oceanography, currents, and waves Review session for exam	Ch. 15, 16
November		
11 W 11-5	EXAM # 2	
12 W 11-12	Beaches and tides	Ch. 16
13 W 11-19	History of astronomy; solar system	Ch. 22
14 W 11-26	Open – topic to be determined Review session for exam	
December		
15 W 12-3	EXAM # 3 Extra-credit assignments due	