

Geology 1212 – Principles of Earth Science II (2 credits) – CRN 24426

Spring 2019

Lecture:	M	1:30 – 3:20	Geology 123	
Laboratory:	M	3:30 – 5:20	Geology 222	[CRN 24424]
	W	1:30 – 3:20	Geology 222	[CRN 24425]

Instructor:

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

Office Hours:

M 10:30-11:20; 12:30-1:20
or, usually, right after class
or, any time you can find me in Rooms 206/205
or, call or e-mail about the problem

Texts:

Earth Science and the Environment, Thompson and Turk, Third or Fourth Edition
Geology 1312 Laboratory Manual - Earth Science 2 (Posted on Internet)
Available at <http://studylib.net/doc/18515691/laboratory-manual---utep---geological-sciences>

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!

Grades:

Lecture examinations account for course grade. Typically 3/4 lecture, 1/4 textbook. There will be several voluntary assignments for extra credit, such as a field trip or a library project. Each will be worth up to 2 1/2 points on your final course average. Attendance will not be included as a grade determinant. Laboratory is a separate grade on your transcript.

Goals:

This course is intended to increase your understanding of the materials of the earth, the oceans, and our neighborhood in space; the processes that change the earth over time; and the role of the earth in our economy.

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 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. See also <http://ddce.utexas.edu/disability/>.

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.

All grades of Incomplete must be accompanied by an Incomplete Contract that has been signed by the instructor of record, student, departmental chair, and the dean. Although UTEP will allow a maximum of one year to complete this contract, the College of Science requests it be limited to one month based upon completion data. A grade of Incomplete is only used in extraordinary circumstances confined to a limited event such as a missed exam, project, or lab. If the student has missed a significant amount of work (e.g. multiple assignments or tasks), a grade of Incomplete is not appropriate or warranted.

TENTATIVE COURSE SCHEDULE

Geology 1212 - Spring 2019

WEEK	TOPIC	TEXT CHAPTER
<u>January</u>		
1 M 1-21	Martin Luther King Jr. Holiday - No Class	
2 M 1-28	Course organization Review basic science & geology	Ch. 7 mostly skim figures; 7.6
<u>February</u>		
3 M 2-4	Elements, minerals, and rocks	Ch. 2 & 3; skip 3.3 for now
4 M 2-11	Weathering and erosion	Ch.10; Chap 11.2,3,4; 13.1,2;3; 14.4 11.5 (4th Ed. only)
5 M 2-18	Weathering and erosion (continued) Review session for exam	continue above
6 M 2-25	EXAM # 1	
<u>March</u>		
7 M 3-4	Sedimentary rocks	Ch. 3.3
8 M 3-11	Surface water	Ch. 11; skip 11.6 &11.7 for now
9 M 3-18	Spring Break – No Class	
10 M 3-25	Ground water	Ch. 11.6; 11.7; 12
<u>April</u>		
11 M 4-1	Fossils Review session for exam (Friday, April 5: Drop Deadline!)	Ch. 4
12 M 4-8	EXAM # 2	
13 M 4-15	Oceanography, currents, and waves	Ch. 15, 16
14 M 4-22	Beaches and tides	Ch. 16
15 M 4-29	History of astronomy; solar system Review session for exam	Ch. 22
<u>May</u>		
16 M 5-6	EXAM # 3 Extra-credit assignments due	

COURSE SUGGESTIONS

Attend class!

Read your textbook. Read in small doses - don't plan one massive reading session the night before the exam.

At least look at the pictures and diagrams.

Review your notes weekly. That makes studying for the exams a lot easier.

Get to know your classmates. It is easy to meet people in class or in your lab. They can help if you must miss a class.

Form a study group if that helps you.

Ask me and the lab instructor questions. There is no such thing as a stupid question.

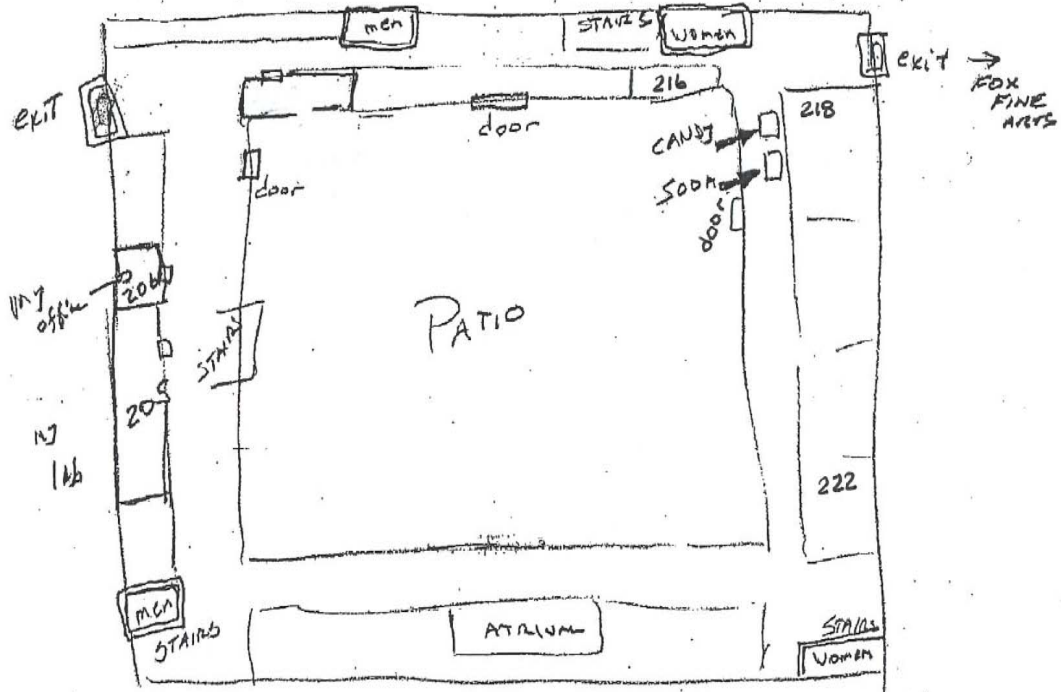
Never give up on the course. If you fall behind, there usually is a way to get back. See me.

Bring earth science into your day-to-day life. Be aware of geology in the news and in the world around you.

Enjoy the course.

UGLICH MUSEUM

2nd



1st

