

GEOL 1111: Principles of Earth Science Lab Syllabus – CRN

Instructor

Dr. Annette Veilleux

Email

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Office Location

Geology Room 101C

Office Hours

TBD

Teaching Assistant

TBD

Email

Office Hours

TBD

Course Overview

This laboratory course will serve as an introduction to topics in Earth Science and help promote a basic understanding of the processes related to the study of minerals, rocks, plate tectonics, earthquakes, geologic structures, volcanoes, the atmosphere and climate change.

Students will learn by observation and application of principles of Earth Science to understand how to apply their knowledge in a laboratory environment to further understand principles related to their physical environment.

Required Text

To be determined by instructor.

Attendance

In – class quizzes will be given that require your attendance. Failure to attend 3 labs will result in potentially being dropped from the class or a failing grade. Every effort will be made to align the lab course material with the associated lecture course, however at times will be covered out of sync with the lecture course.

Grading

Grades will be based on the following criteria and will be assigned using the scale:

In-class assignments	60%
Quizzes	20%
Active learning grade	10%
Final Exam	10%

Grading Scale:

A=90-100%, B=80-89%, C=70-79%, D=60-69%, F=<60%

Course Schedule: Subject to Change

Week 1: Aug 28 – Sept 1	What is Geology?	NO QUIZ
Week 2: Sept 4 – Sept 8	Plate Tectonics (SEPT 4: UNIVERSITY HOLIDAY, NO CLASS, MONDAY ONLY)	QUIZ 1
Week 3: Sept 11 – Sept 15	Geologic Structures	QUIZ 2
Week 4: Sept 18 – Sept 22	Earthquakes	QUIZ 3
Week 5: Sept 25 – Sept 29	Volcanoes	QUIZ 4
Week 6: Oct 2 – Oct 6	Study of Minerals	QUIZ 5
Week 7: Oct 9 – Oct 13	The Rock Cycle	QUIZ 6
Week 8: Oct 16 – Oct 20	Desert Landforms and Hazards	QUIZ 7
Week 9: Oct 23 – Oct 27	Running Water or Freshwater	QUIZ 8
Week 10: Oct 30 – Nov 3	Heating the Atmosphere (COURSE DROP DEADLINE: NOV 3)	QUIZ 9
Week 11: Nov 6 – Nov 10	Moisture, Pressure and Wind	QUIZ 10
Week 12: Nov 13 – Nov 17	Locating the Planets: Solar System	QUIZ 11
Week 13: Nov 20 – Nov 24	Earth-Sun-Moon Positions (NO CLASS ON NOV 23-24 ONLY)	QUIZ 12
Week 14: Nov 27 – Dec 1	Weather Variability and Climate Change	QUIZ 13
Week 15: Dec 4 – Dec 8	Make-Up Labs, Final Exam Review (DEC 7 LAST DAY OF CLASSES, DEC 8 DEAD DAY)	QUIZ 14
Week 16: Dec 11 – Dec 15	Final Exam Week	

Homework Policy

Homework assignments are at the discretion of the teaching assistant and will be assigned in class or posted in the class blackboard page. Homework must be turned in at the beginning of class on the due date. No late homework will be

accepted. No homework may be submitted through email unless prior arrangements have been made (with an excused absence).

Student Conduct and Plagiarism

University guidelines for acceptable student conduct are very specific and will be strictly followed. Blind copying of intellectual material (text) from resources such as books, journals, and the internet is plagiarism and is illegal. Instead, you should write things in your own words with a proper reference to the source. If any exercises or labs require you to look up an answer in something else than the class textbook, we will expect you to reference the source and write it in your own words. Plagiarized work will receive a "0" for the whole assignment and cannot be redone or made up.

Drop Policy

The course drop deadline is Nov 3, 2017. Non-attendance will not result in being dropped, but you will get zeros for the remaining work and likely fail the class. It is your responsibility to initiate withdrawal from the class.

Students with Disabilities

If you think you may have a disability or if you are experiencing learning difficulties, please contact the Center for Accommodation and Support Services (CASS) at: <http://sa.utep.edu/cass/>