

GEOL 1104: Historical Geology 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 Historical Geology and help promote a basic understanding of elements of Geologic time and principles of relative age dating of geologic events and the relation to ancient environments. The major geologic eras, periods and epochs are discussed and related to ancient tectonic events and fossil occurrences.

Students will learn by observation and application of principles of Historical Geology to understand how to apply their knowledge in a laboratory environment to further understand principles related to the history of life and events that shaped the Earth.

Required Text

Investigations in Historical Geology: Lab Manual by Deborah Caskey and Vicki Harder or 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	Review of Physical Geology	NO QUIZ
Week 2: Sept 4 – Sept 8	Science and Geology (SEPT 4: UNIVERSITY HOLIDAY, NO CLASS, MONDAY ONLY)	QUIZ 1
Week 3: Sept 11 – Sept 15	Geologic Time	QUIZ 2
Week 4: Sept 18 – Sept 22	Interpreting Ancient Environments	QUIZ 3
Week 5: Sept 25 – Sept 29	Fossil Preservation	QUIZ 4
Week 6: Oct 2 – Oct 6	Organic Evolution	QUIZ 5
Week 7: Oct 9 – Oct 13	Interpreting Ancient Tectonic Settings	QUIZ 6
Week 8: Oct 16 – Oct 20	Origin of the Solar System and Earth-Moon System	QUIZ 7
Week 9: Oct 23 – Oct 27	Precambrian	QUIZ 8
Week 10: Oct 30 – Nov 3	Paleozoic	QUIZ 9
Week 11: Nov 6 – Nov 10	Mesozoic	QUIZ 10
Week 12: Nov 13 – Nov 17	Cenozoic	QUIZ 11
Week 13: Nov 20 – Nov 24	Anthropology (NO CLASS ON NOV 23-24 ONLY)	QUIZ 12
Week 14: Nov 27 – Dec 1	Climate and Climatic Change	QUIZ 13
Week 15: Dec 4 – Dec 8	Make-Up Labs, Review for Final Exam (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/>