

Syllabus for GEOL 1103 Laboratory for Physical Geology Preliminary Draft

Instructor Name

Email

Office:

Office hours:

Lab Manual: Laboratory Manual for GEOL 1103, available in the UTEP Bookstore

Course Description: Laboratory to accompany (GEOL 1301) the study of the earth's composition, structure, and internal/external processes. Prerequisites: none

Class objectives: Upon successful completion of this course, you will be able to:

- 1) identify rocks and minerals;
- 2) explain rock formation in terms of plate tectonics;
- 3) describe earthquake processes and locate an earthquake epicenter;
- 4) make geological observations in the field;
- 5) identify weather processes; and
- 6) read topographic and geologic maps.

Attendance: In order to pass this course, you are expected to attend the lab meetings. If you miss more than two labs and did not make them up within one week of the absences, you may be withdrawn, with a grade of either W or F.

Lab Make-up Policy: you can attend another lab section during the week you missed class to make up your absence. Tell the instructor who you are, and ask for a Lab Make-up Form to be filled out. Please note that you may be turned away if the class has a large number of people in it. If you miss a lab, it is your responsibility to learn the material, since it will be on the quiz the following week. After the start of the next lab week, labs MAY NOT be made up.

Grading: A separate grade is given for this class and will be determined as follows. Each of the ten lab sessions except the mandatory field trip is worth 10 points, for a total of 100 points. The field trip is worth 20 points. Each of the eight weekly quizzes is worth ten points for a total of 80 points. The Final Exam is worth 50 points.

Lab Sessions = 100 points

Field trip = 20 points

Quizzes = 80 points

Final Exam = 50 points

Total = 250 points

Students with Disabilities: If you think you may have a disability or if you are experiencing learning difficulties, please contact the [Disabled Student Services Office \(DSSO\)](#) at (915) 747-5148 (voice or TTY), in Union East Room 106, or by E-Mail at dss@utep.edu. They will provide any necessary accommodations. You should also meet with your instructor in order to facilitate your needs. You are expected to provide documentation of your disability in order to make special arrangements in this class.

Academic Honesty and other issues: The Geological Sciences Department has gone to great lengths in order to make learning the material easier than engaging in scholastic dishonesty, which is defined in the UTEP Student Handbook and also at <http://www.utep.edu/dos>. Proven violations of these detailed regulations may result in any of the consequences outlined in the Student Handbook. Cellular phones and pagers are to be turned off or placed in silent mode during class. Conducting telephone conversations during class time may result in referral for disciplinary action.

Tentative Lab Schedule: The schedule may change without notice

Lab weeks begin on Tuesdays and end on Mondays!

- 1)No lab
 - 2) Making observations using Google Earth
 - 3)Google Earth lab on Plate Tectonics
 - 4)Earthquake Station
 - 5)Properties of Minerals
 - 6)Igneous Rocks and Volcanoes
 - 7)Sedimentary Rocks
 - 8)Metamorphic Rocks
 - 9)Topographic Maps
 - 10)Geologic Maps/Structures
 - 11)Sequence of Events
 - 12)Hydrology lab
 - 13)Hydrology and Groundwater
 - 14)Field Trip
 - 15)Lab Final
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