

# GEOL 1103: Intro to Physical Geology

## Lab Syllabus – CRN

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### Instructor

Dr. Annette Veilleux

### Email

amveilleux@utep.edu

### 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 the topics of Physical Geology and activities related to the study of minerals, rocks, plate tectonics, earthquakes, geologic structures, stream processes, groundwater processes, and natural hazards.

Students will learn by observation and application of principles of geology to understand how to think like a geologist and apply their knowledge in a laboratory environment to further understand geologic processes and topics that cover a range of areas from uses of minerals and rocks to identifying plate tectonic boundaries and types of faults associated with earthquakes.

### 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**

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<b>Week 1: Jan 16 – Jan 19</b>	<b>Thinking Like a Geologist: An Introduction to Geology</b>	<b>NO QUIZ</b>
<b>Week 2: Jan 22 – Jan 26</b>	<b>Plate Tectonics</b>	<b>QUIZ 1</b>
<b>Week 3: Jan 29 – Feb 2</b>	<b>Matter and Minerals</b>	<b>QUIZ 2</b>
<b>Week 4: Feb 5 – Feb 9</b>	<b>Magma, Igneous Rocks and Intrusive Activity</b>	<b>QUIZ 3</b>
<b>Week 5: Feb 12 – Feb 16</b>	<b>Volcanoes and Volcanic Hazards</b>	<b>QUIZ 4</b>
<b>Week 6: Feb 19 – Feb 23</b>	<b>Sedimentary Rocks/Metamorphism and Metamorphic Rocks</b>	<b>QUIZ 5</b>
<b>Week 7: Feb 26 – Mar 2</b>	<b>Geologic Time</b>	<b>QUIZ 6</b>
<b>Week 8: Mar 5 – Mar 9</b>	<b>Crustal Deformation</b>	<b>QUIZ 7</b>
<b>Week 9: Mar 12 – Mar 16</b>	<b>SPRING BREAK: NO CLASSES</b>	
<b>Week 10: Mar 19 – Mar 23</b>	<b>Earthquakes and Earthquake Hazards</b>	<b>QUIZ 8</b>
<b>Week 11: Mar 26 – Mar 30</b>	<b>Earth's Interior (COURSE DROP DEADLINE: MAR 29) MAR 30 UNIVERSITY HOLIDAY, NO CLASSES</b>	<b>QUIZ 9</b>
<b>Week 12: April 2 – April 6</b>	<b>Running Water (Surface Water)</b>	<b>QUIZ 10</b>
<b>Week 13: April 9 – April 13</b>	<b>Groundwater</b>	<b>QUIZ 11</b>
<b>Week 14: April 16 – April 20</b>	<b>Deserts and Wind</b>	<b>QUIZ 12</b>
<b>Week 15: April 23 – April 27</b>	<b>Global Climate Change</b>	<b>QUIZ 13</b>
<b>Week 16: April 30 – May 4</b>	<b>Energy and Mineral Resources (MAY 4: DEAD DAY)</b>	<b>QUIZ 14</b>
<b>Week 17: May 7 – May 11</b>	<b>Final Exam Week</b>	

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## **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 March 29, 2018. 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/>