GEOL 1103 (Lab for GEOL 1313): Intro to Physical Geology Lab Syllabus
Instructor/Lab Coordinator: Dr. Annette Veilleux, amveilleux@utep.edu, Geology Rm 101-C
Teaching Assistant: To be Assigned

Course Schedule: Subject to change!

<table>
<thead>
<tr>
<th>Week</th>
<th>Dates</th>
<th>Topic</th>
<th>Quiz</th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td>Jan 21 – Jan 24</td>
<td>NO LAB</td>
<td>NO QUIZ</td>
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<tr>
<td>2</td>
<td>Jan 27 – Jan 31</td>
<td>Earth’s Systems</td>
<td>NO QUIZ</td>
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<tr>
<td>3</td>
<td>Feb 3 – Feb 7</td>
<td>Plate Tectonics</td>
<td>Quiz 1</td>
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<td>4</td>
<td>Feb 10 – Feb 14</td>
<td>Matter and Minerals</td>
<td>Quiz 2</td>
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<td>5</td>
<td>Feb 17 – Feb 21</td>
<td>Magma and Igneous Rocks</td>
<td>Quiz 3</td>
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<td>6</td>
<td>Feb 24 – Feb 28</td>
<td>Volcanic Hazards</td>
<td>Quiz 4</td>
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<td>7</td>
<td>Mar 2 – Mar 6</td>
<td>Sedimentary Rocks/Metamorphic Rocks</td>
<td>Quiz 5</td>
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<tr>
<td>8</td>
<td>Mar 9 – Mar 13</td>
<td>Crustal Deformation/Geologic Time</td>
<td>Quiz 6</td>
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<tr>
<td>9</td>
<td>Mar 16 – Mar 20</td>
<td>Spring Break – no classes</td>
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<tr>
<td>10</td>
<td>Mar 23 – Mar 27</td>
<td>NO CLASSES, SPRING BREAK</td>
<td>NO QUIZ</td>
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<tr>
<td>11</td>
<td>Mar 30 – Apr 3</td>
<td>Earth’s Interior</td>
<td>Quiz 7</td>
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<tr>
<td>12</td>
<td>Apr 6 – Apr 10</td>
<td>Running Water (no lab on Apr 10 only)</td>
<td>Quiz 8</td>
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<tr>
<td>13</td>
<td>Apr 13 – Apr 17</td>
<td>Groundwater</td>
<td>Quiz 9</td>
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<tr>
<td>14</td>
<td>Apr 20 – Apr 24</td>
<td>Deserts and Wind</td>
<td>Quiz 10</td>
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<td>15</td>
<td>Apr 27 – May 1</td>
<td>Global Climate Change</td>
<td>Quiz 11</td>
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<td>16</td>
<td>May 4 – May 8</td>
<td>Energy and Mineral Resources</td>
<td>Quiz 12</td>
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<td>(May 7 last day of classes; May 8 – Dead Day)</td>
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Required Text: To be determined by instructor.

ATTENDANCE   Quizzes will be given, so you must attend each lab! Attendance is mandatory every week. If you miss a lab, you will have one week to turn in the make-up lab with an excused absence. Unexcused absences are not accepted. 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.

All labs will be turned in at the end of the lab period, makeups are at the discretion of the teaching assistant.

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

- In-class assignments: 40%
- Active learning grade: 10%
- Quizzes: 50%

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

LEARN AND USE BLACKBOARD
All labs are on blackboard and a copy should be printed out and brought to class every week.

CELL PHONE USE: Turn off your phone ringer while in class.
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 27, 2020. 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/

MILITARY STATEMENT
If you are a military student with the potential of being called to military service and/or training during the course of the semester, you are encouraged to let me know well in advance.

POLICY ON MAKEUP LABS
In class lab assignments are due in class after the lab session has completed. If an absence is excused, students will have one week to make up the lab. NO makeup labs will be given for reasons other than illness (doctor's note required), absence with the instructor's prior approval, or when a student is on official University business (documentation required). If you arrive late and miss something, it is your responsibility to get the information or assignment on your own.

CONTACT INFORMATION
When emailing the instructor or TA you must include the section you are enrolled in as well as the time/date of your class along with your name.

INSTRUCTOR EMAIL amveilleux@utep.edu

OFFICE HOURS BY APPOINTMENT ONLY (915) 747- 5501
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Teaching Assistant: To be Assigned

The teaching assistant is responsible for the class instruction, for questions contact:
TEACHING ASSISTANT EMAIL

____________________________________________________

TEACHING ASSISTANT OFFICE HOURS

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Learning Outcomes
1. Students will be able to articulate the benefits and responsibilities of working as a member of a team within the context of the course and its relevance in a professional environment. This will be accomplished through peer learning and group work within the lab environment demonstrated by active learning methods in each weekly lab assignment.

2. Students will be able to evaluate critically fundamental Earth science literature and spatial data (e.g., photographs, maps, remotely sensed images) through verbal and written analysis of the weekly lab topic by maintaining a journal of reflective summaries.

3. Students will be able to use specific skills (e.g., map reading, field methods, observations, laboratory methods for analysis, image processing, geophysical data and computer modeling) to interpret geological materials, history, and features in each weekly lab assignment.

4. Students will be able to describe the processes operating at and beneath the Earth’s surface, how those processes create the Earth’s landscape, and how humans affect and are affected by the processes. This will be measured through the use of a weekly journal entry of a concept sketch.

5. Students will be able to identify common Earth materials and interpret their composition, origin, uses and relationship. This will be measured through a lab assignment on application of Earth materials and minerals.

6. Students will be able to present geological information clearly in written, graphic, and oral forms through participation in class discussion through gallery walks.

7. Students will be able to communicate their research and geological concepts with the general public by attending the annual geological departmental colloquium.

8. Students will understand the responsibilities, qualities and ethics of leadership based on the participation in a final project to be presented orally in class.