Physical Geology Lab Syllabus
Geol 102

Instructor: Dr. Andy Breckenridge
Office: Zurn 11
Office Hours: 2:00-4:00 MW and Tu 1:00-2:00, & by appointment
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Textbook: Essentials of Geology (2nd ed), Marshak
Lab Manual: Download chapters each week from Blackboard

Lab Schedule
Week Subject
1 Minerals (indoor)
2 Rock Pile (indoor)
3 Mercyhurst Rocks (outdoor)
4 Maps (indoor/outdoor)
5 Rivers (outdoor)
6 Midterm Exam and Google Earth Primer (computer lab)
7 Structural geology (indoor)
8 Glaciers & Ancestral Lakes of Lake Erie (outdoor)
9 World Landforms and Landscapes (computer lab)
10 Final Exam

Grading and Coursework

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<thead>
<tr>
<th>Lab</th>
<th>Points (100 possible)</th>
<th>Total Points</th>
<th>Grade</th>
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<tbody>
<tr>
<td>Labs × 9</td>
<td>45</td>
<td>90+</td>
<td>A</td>
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<tr>
<td>Lab Midterm</td>
<td>25</td>
<td>87-89</td>
<td>B+</td>
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<tr>
<td>Lab Final</td>
<td>30</td>
<td>80-86</td>
<td>B</td>
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<td>Total:</td>
<td>100</td>
<td>77-79</td>
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<td>67-69</td>
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<td>60-66</td>
<td>D</td>
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<td>&lt;60</td>
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NOTE THAT LECTURE AND LABS ARE GRADED SEPARATELY.
Lecture (Geol 100) is a 3-credit course, and lab (Geol 102) is a 1-credit course.

Labs: Prior to every lab I will upload a chapter of the lab manual to Blackboard that you will be able to download and print from the class Blackboard site. EVERYONE MUST COME TO CLASS WITH THEIR OWN COPY OF THIS LAB MANUAL. We’ll have nine labs, every lab will be completed and turned in at the end of the lab. Occasionally part of the lab will need to be completed prior to lab. Some of the labs will be outdoors (weather permitting). For these outdoor labs, YOU MUST WEAR APPROPRIATE FOOTWEAR: WEAR SNEAKERS OR BOOTS, NO HIGH HEELS OR OPEN TOE SANDALS OR FLIP FLOPS. I also need someone who is at least 21 who can drive a 15 passenger van – or we won’t be able to do a few of these outdoor field trips and we’ll do indoor labs instead.
**Required Lab Materials:**
- Pen
- Pencil
- Calculator
- at least one Colored Pencil, dark and bright colors work best
- Clipboard for outdoor labs
- Three ring binder

**Tests:** There will be a midterm and a final exam. There will be a regular lab after the midterm – but if you wish, you may complete this particular lab on your own prior to lab. The lab exams will be primarily practical and similar to exercises completed in lab. They will be open note, but not open book. The final lab exam will be cumulative. Any missed exam due to illness will require a doctor’s note.

**Attendance:** Attending lab is essential to this course and cannot be accessed by other means. I understand an emergency may arise that necessitates that you miss a lab, but there will be no make-up labs. Missed labs due to family emergencies and illness may be accomplished independently. Note that some of the labs are field trips. It is imperative that you show up on time to lab and take note of whether or not we are driving somewhere. If we are driving to a site, you must arrive on time (or better yet – arrive early), at the main doors to the Mary D’Angelo Performing Arts Center – this is where the large parking lot is located for the football stadium, Zurn Hall, and the Mary D’Angelo building. WE WILL NOT WAIT FOR YOU IF YOU ARE LATE AND YOU WILL RECEIVE NO CREDIT FOR THE LAB. (Also don’t forget to wear sneakers or boots.)

**Students with a disability,** who may require accommodations to actively participate in this class should contact the Learning Differences Program on campus: 4th floor Main, 814-824-2450, M-F 8:30-4:30