

## Physical Geology Lab Spring 2004

Instructor: **Dr. Schmidt**

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Office Hours: W 12:00-1:50 PM, 5:00-5:50 PM;Th 3:00-4-50 PM or by appointment

**Geol 111L-001**

**T 2:00-5:00 PM**

**CH 121**

**Text (required):** *Laboratory Manual for Physical Geology, Eleventh Edition;*  
Zumberge, Rutherford, and Carter

**Supplies:** Pencil and eraser (all labs are to be done **in pencil!**)

Some labs will require (1) a ruler with small divisions (metric or tenths of an inch), (2) colored pencils, and (3) a scientific calculator. You are required to have a scientific calculator capable of handling numbers in scientific notation.

### **Objectives:**

The intention of this course is to deepen the student's understanding of geology via problem-solving exercises involving real-world examples. It is also intended to sharpen the student's observational, analytical, and critical thinking skills.

Educational goals for the class are for the student to be able to identify the important rocks and minerals, locate different types of information on a topographic map, and use topographic maps and aerial photos to interpret geologic processes.

**Prerequisite:** Geol. 111 (lecture), may be taken prior to this lab OR concurrently.

**Access:** Any student with a documented disability who would like to request accommodation should contact the University Disability Services Office at 933-0816(V), 933-3334(TTY), Campus Center Room 311, as early in the semester as possible.

### ***Class Format & Major Policies:***

1. Food and drinks are not permitted in the lab room. Do not bring them into the lab room.
2. Students are expected to attend each laboratory session, stay for the full 3 hours, and turn in their assignments at the end of the lab session. Late assignments are subject to a 50% penalty.
3. Students are expected to prepare for each laboratory exercise by doing the assigned reading and pre-lab homework assignment.

4. No provisions are made for make-up labs. Given extenuating circumstances, however, there may be some flexibility provided that the student speaks with the instructor as soon as possible.
5. Working in groups is encouraged. The following guidelines are intended to show where the line is drawn between productive group learning and cheating. Clear-cut cases of cheating by copying will result in a zero grade for the lab.
  - (a) Please DO discuss possible answers with other students.
  - (b) Please DO compare your answers with the answers of other students.
  - (c) Please DO make an effort to use your own wording when composing essay-like answers.
  - (d) Do NOT copy the answers from another student's answer sheet.
  - (e) Do NOT knowingly allow another student to copy answers from your sheet.
  - (f) Do NOT write down what another student is saying as they say out loud the answer to a question.
  - (g) When doing calculations, each person in a group MUST independently punch the numbers into a calculator to get their own result. Watching someone else punch in the numbers and then writing down their result is NOT acceptable.

**Grading:**

10 % Pre-lab home-work (lowest score will be dropped)  
90 % In-class exercises and field trip reports (lowest score will be dropped)

91-100 %	A
90 %	A-
89 %	B+
81-88 %	B
80 %	B-
79 %	C+
70-78 %	C
60-69 %	C-
50-59 %	D
< 50 %	F