

LAB SCHEDULE
GEOL 2100 – Stratigraphy and Sedimentation
Spring 2017

Instructor Information:

Instructor: Brandon McElroy

Phone: 766-3601

Office: GEO 309

E-mail: bmcelroy@uywo.edu

Office Hours: Wed 9-10 AM

Wed 3-4 PM

Thu 1-2 PM

Course Information:

Meetings: GEO 216, MWF, 10-11

Lab Meetings: GEO 311G, Thu, 11-12:50

1:20-3:10

4:10-6

Website: <http://geoweb.uwyo.edu/geol2100>

Syllabus: <http://geoweb.uwyo.edu/geol2100/Syllabus.pdf>

Lab Topics:

1/26 *Siliciclastic Materials*

2/2 *Siliciclastic Rocks I*

2/9 *Siliciclastic Rocks II*

2/16 *Invertebrate Fossils*

2/23 *Carbonate Constituents*

3/2 *Carbonate Rocks*

3/23 *Bed Forms*

3/30 *Deltas*

4/6 *Turbidites*

4/8 *Measuring Strata (Saturday, April 8 – Mandatory Field Trip)*

4/13 *Stratigraphic Columns*

4/20 *Interpreting Strata I*

4/27 *Interpreting Strata II*

Lab Exams:

Lab Exam 1 Thursday, March 9

Lab Exam 2 Thursday, May 4

ADDITIONAL LAB INFORMATION

Required Materials: See the list of required materials on the syllabus. You will be expected to bring these to lab each week, and they will be necessary to complete lab exercises. Your hammer will be needed for the field trip but is not needed in the lab.

Assignment Due Dates:

All lab assignments will be due one week from the assigned date at the beginning of lab unless otherwise stated by the instructor. Late lab assignments will not be accepted beyond those

exceptions allowed by university policy. Students will have access to the laboratory room and materials outside of course hours when the Geology Building is open and as long as no other course/group has reserved the room. If the lab room is locked, please contact the instructor for access. The lab room will not be open or available on the days of lab exams.

Absences from Lab:

Attendance in lab is mandatory. If you must be absent, have a university-sponsored absence cleared through the Office of Student Life and contact me **BEFORE** the lab that you will miss. If you are cleared to miss a lab, please try to attend the other lab section that day otherwise come in on your own time to complete the lab assignment.

Assignments must be handed in by the beginning of lab meeting on the due date to receive credit. I will work with students who have university sponsored absences regarding due dates for missed labs, however, labs must be made up in a timely manner and no labs will be accepted more than one week after the normal due date.

Lab Grading Policy:

Each lab will be weighted evenly, with the exception of two-part labs, which will each receive double point values. If you feel your grade on any assignment was incorrectly determined, bring it to my attention in the lab period when the assignment was returned to you. No consideration will be given after that time.

Lab Exams:

There will be two lab exams in this class. The first exam will focus on descriptions of sedimentary materials and rocks. The second exam will focus on sediment transport systems and stratigraphic interpretation. **Exam #2 will be cumulative;** it will include material from the first section of lab but will have a focus on the second section.

Academic Honesty:

This section is taught in a laboratory setting and as such, students are encouraged to discuss what they are observing and interpreting. However, each student **must** turn in their **own lab assignments** in their **own words**. Students will not be permitted to work together on any of the laboratory exams. Please do not allow someone to copy your assignment. It is not possible to discern who copied and who did the copying. As a result, all copies will receive no points and will be subject to appropriate actions as laid out by the University's academic honesty policy. Complete details can be found at http://www.uwyo.edu/generalcounsel/_files/docs/uw-reg-6-802.pdf