

GEOLOGICAL SCIENCES 201: THE DYNAMIC EARTH- SPRING 2018

Lab Policies and Schedule

Welcome to the lab associated with GLG201: The Dynamic Earth! In lab, we'll try to advance your understanding of textbook readings and lectures by touching rocks, using maps, and applying our academic knowledge to real-world situations.

Instructors:

Lindsay Putman

Email: will3129@msu.edu

Office Hours: Wed. 11AM-1PM in Rm 316 NatSci

Alex Steiner

Email: steine84@msu.edu

Office Hours: Thurs. 1-3PM in Rm 316 NatSci

Sec	Day	Time	Room	Instructor
001	M	10:20-12:10	316 NS	Lindsay
002	M	12:40-2:30	316 NS	Lindsay
003	M	3:00-4:50	316 NS	Lindsay
004	Tu	10:20-12:10	316 NS	Alex
005	Tu	12:40-2:30	316 NS	Alex
006	Tu	3:00-4:50	316 NS	Alex

Required Lab Materials (bring to every class)

1. Print posted labs off of D2L each week
2. Calculator (scientific)- NO CELL PHONES OR TABLETS!!!
3. Pencil
4. Ruler (cm & in)
5. Colored Pencils
6. Hand lens

Lab Policies:

Be on time: Lab typically begins with a brief overview of the lab topic including information necessary to complete the lab. You will be responsible for any information missed. If lateness becomes an issue, your instructor reserves the right to administer quizzes at the start of lab.

Be respectful of the other students and instructors using our lab room. Do not mishandle, abuse, or deface any lab property/materials. Please put all lab materials back where you found them and wipe down tables if necessary. This cuts down on preparation time between labs and is a big help to TAs and students- so *thanks a ton* in advance!

Work together, but submit your own work: You will work in groups on lab assignments. Teamwork in and out of class is encouraged. However, you must turn in your own original work. **University guidelines concerning plagiarism will be strictly enforced (see section on Academic Integrity).**

Attendance: **Lab attendance is mandatory to receive a passing grade in the course.** If you know you will be absent or have a verifiable excuse (please see MSU student handbook for acceptable university excuses), you may make the lab up by attending another section or by arranging an independent time with your instructor (see "Make-up labs").

Make-up labs: Make-up labs outside regularly scheduled lab periods are only offered to students with MSU verifiable excused absences. If you know in advance that you cannot make your lab section in a given week, it is possible to attend another lab section provided you obtain consent from the TAs. To attend another section you must:

- 1) Get approval from your instructor in advance, **AND**
- 2) Email the instructor of the section you'd like to attend and request to attend.

A make-up request must be made via email before or within **24 hours** of the missed lab. The make-up lab must be completed within **one week** of the absence.

Academic Integrity: All pre-lab, lab, and extra credit assignments must be completed **by you and in your own words**.

Collaborating with a partner or group does not mean **copying**. Copying is a violation of MSU policies on academic integrity. In addition, you will be tested on the skills you learn in lab, so you will be doing yourself a great disservice if you simply copy answers. The university policy on academic integrity will be followed when dealing with such issues in class.

For more on MSU policies on academic integrity, please visit:

<https://ombud.msu.edu/academic-integrity/>

RCPD – Students registered with RCPD should please communicate with me before leaving class today.

Grades:

Lab is worth 30% of the total course grade. There are 11 labs each worth 100 points. There are also two Lab Practical (exams) each worth 200 points.

Total points from labs (100 x 11) = 1100

Total points from Lab Practicals (200 x 2) = 400

Total semester points = 1500/1500

If you have questions/concerns regarding your grade in lab, please see your instructor either during office hours or by appointment; MSU policy and FERPA do not allow grade information to be given via email or over the phone.

Assignments:

Labs: Lab assignments for each lab will be posted on D2L. Students are expected to print the lab each week and bring it with them to class. Hard-copy labs will be completed during the lab period and taken home with the student. Labs will be submitted via Google Forms. A Google Forms link will be posted on D2L for students to access and they will record responses from their hard-copy labs into the form and answer final questions. Labs will be due via Google Forms prior to the start of the next lab section (1 week after the lab). Late assignments will not receive full credit (see *grades* section). **Some questions/exercises may be modified or omitted from each lab, so pay attention to special instructions given by your instructor each week.**

Late Assignments: Your instructor is not required to accept late assignments for credit if you do not have an authorized excuse. The decision to offer partial credit for late work will be at the discretion of your instructor.

Alternative references (online or otherwise) are permitted and encouraged, but please note:

1. These should **only be used as supplement** to your required textbook. Answer keys are based on the materials provided and required for this course.
2. You **must cite your sources!** Failure to cite alternative sources (i.e. other than the required textbooks) is considered plagiarism. Note: **Google and Wikipedia are not sources!** A guide to citing references can be found here: <https://owl.english.purdue.edu/owl/resource/583/03/>

Lab Practical Exams

There are two lab practicals that will take place during your regularly scheduled lab period, each worth 200 points. The practicals will be closed-book and consist of a series of rotating stations with materials and questions similar to topics covered in lab. Unlike lab, you will be working independently (not in groups). You **MUST bring a calculator, pencil, and ruler** on the day of the lab practical (spares may be available, but they are first come-first serve). The final practical is not cumulative.

Lab Schedule

Class Week	Lab Topic
Aug 26/Sep. 2	Rethinking Rocks
Sept. 9	Topographic Maps
Sept. 16	Minerals
Sept. 23	Igneous Rocks
Sept. 30	Sedimentary Rocks
Oct. 7	Metamorphic Rocks
Oct. 14	LAB PRACTICAL 1 (Post-lab Homework Due)
Oct. 21	Geologic Time
Oct. 28	Earthquakes
Nov. 4	Earth Deformation
Nov. 11	Running Water
Nov. 18	Water Underground
Nov. 25	Work of Ice (We have labs on Thanksgiving Week!!)
Dec. 2	LAB PRACTICAL 2 (Post-lab Homework Due)