

Earth: Dynamic Planet Lab Syllabus (Geo 102)

Spring 2023

Instructors:

Falyn Strey, sections A01L, A03L

Email: streyf@uwosh.edu

Office hours: M 10:20-11:20 a.m., Th 12:40-1:40 p.m., or by appointment (Harrington 104)

Phone number: 920-424-2268

Ben Hallett, section A02L

Email: hallettb@uwosh.edu

Office hours: M 2:00-3:00 p.m., Th 11:15-12:15 p.m. (Harrington 216), or by appointment

Phone number: 920-424-0868

Required Text:

UW-Oshkosh custom **Earth: Dynamic Planet Laboratory Manual**, 2022, Jones, McGraw Hill Publisher. ISBN: **9781307875812** (Required Custom Lab Manual).

- This is an updated, customized edition for our labs and costs less than the normal edition. This paper version is *the only edition that is acceptable*. It must say “**Spring 2023**” on the cover. ****Note: a used, borrowed, or shared lab manual is NOT acceptable for the course.*

Requirements and Grading:

Attendance/Lab Assignments:

The hands-on learning provided by this lab is essential to your understanding of geology, and is key to your overall success in this course. As a consequence, **attendance and completion of ALL laboratory exercises is important**. Labs are informal and involve working with others. **Rude, disruptive, and disrespectful behavior, such as talking, text messaging, or talking on a cell phone will not be tolerated and will result in a lowered course grade and possible removal from the course**. Repeated instances of rude, disruptive, or disrespectful behavior can result in a course grade of F and disciplinary action. In order to receive full attendance credit, you must complete your in-class lab assignments to the complete satisfaction of your lab instructor. If you know ahead of time that you will be missing a lab, you must contact your lab instructor **before your lab meets** to discuss your options.

Lab instructors will give an introduction with the assumption that you will have already read the background material for that lab. Unannounced quizzes on the week's lab assignment may be given at the start of lab, so make sure you are prepared!

Lab Exams:

There are two scheduled exams. **Lab Exam 1** is the week of **3/13** and **Lab Exam 2** is the week of **5/1** (see Lab Schedule section below). There may be a lab exercise following exams.

If you miss a lab exam due to illness or extenuating circumstances, **it is your responsibility to contact your instructor BEFORE your lab meets**; failure to do so may result in a score of zero for that exam. Make-up exams must be completed by the end of Monday on the following week.

Grade Basis:

Your lab grade will be based on two lab exams (35% each), and lab assignments (30%). You must pass the lab portion and have a grade $\geq 60\%$ to pass the class.

Grade Scale:

93% and up = A; 90–92 = A-; 87–89 = B+; 83–86 = B; 80–82 = B-; 77–79 = C+; 73–76 = C; 70–72 = C-; 67–69 = D+; 63–66 = D; 60–62 = D-; <60% = F

Course Policies:

Academic Integrity:

The Wisconsin Administrative Code states: “Students are responsible for the honest completion and representation of their work, for the appropriate citation of sources, and for respect of others academic endeavors.” (§ UWS 14.01) **Plagiarism** and other forms of **academic misconduct** are serious offenses with severe penalties. See the University of Wisconsin Oshkosh Student Discipline Code for definitions of academic misconduct and details about procedures, sanctions, and other relevant information:

<http://www.uwosh.edu/deanofstudents/university-policies-procedures/academic-misconduct>.

Specific questions about the Student Discipline Code should be directed to the Dean of Students Office. If you do not understand this statement, please see me as soon as possible.

Diversity, Equity & Inclusion:

Diversity drives innovation, creativity, and progress. At the University of Wisconsin Oshkosh, the culture, identities, life experiences, unique abilities, and talents of every individual contribute to the foundation of our success. Creating and maintaining an inclusive and equitable environment is of paramount importance to us. This pursuit prepares all of us to be global citizens who will contribute to the betterment of the world. We are committed to a university culture that provides everyone with the opportunity to thrive.

Disclosure Statement:

Students are advised to see the following URL for disclosures about essential consumer protection items required by the Students Right to Know Act of 1990:

<https://uwosh.edu/financialaid/consumer-information/>

Course Resources:

Geology Tutoring:

Geology student tutors offer optional free study/tutoring sessions several evenings each week in Harrington 113 or 114. Exact times will be announced in lecture/lab.

Special Accommodations:

Reasonable accommodations will be made for students with disabilities. Please contact the Accessibility Center (424-3100 (voice) or 424-1319 (TTY)) or visit their web site at <http://www.uwosh.edu/deanofstudents/Accessibility-Center> for the University's accommodation request form and documentation requirements. Information related to an individual's accommodation request will be kept confidential.

Lab Section Schedule:

A01L: Tuesday, 8:00-10:10 a.m., Harrington 113, Falyn Strey

A02L: Tuesday, 12:40-2:50 p.m., Harrington 113, Ben Hallett

A03L: Thursday, 1:50-4:00 p.m., Harrington 113, Falyn Strey

Tentative Lab Schedule:

<u>Week of:</u>	<u>Lab # Topic and Assignment in Lab Manual:</u>	<u>Reading in Lab Manual</u>
1/30	Labs do NOT Meet Complete Conversions Homework (posted to lecture Canvas page)	
2/6	Earth Materials, Processes, and Isostasy Conversions Homework is due at the beginning of Lab	Prelim Ch. 1
2/13	Properties of Minerals and Mineral Identification	Ch. 1 & 2
2/20	Igneous Rocks	Ch. 3
2/27	Introduction to Topographic Maps	Ch. 6
3/6	Sediments and Sedimentary Rocks	Ch. 4
3/13	Lab Exam 1 Metamorphic Rocks	Study guide posted to lecture Canvas page Ch. 5
3/20	SPRING BREAK	
3/27	Stream processes; Groundwater	Ch. 8 & 9
4/3	Geological Time and Geological Histories and absolute age determination	Ch. 13
4/10	Geologic Structures (folds and faults)	Ch. 14
4/17	Earthquakes, Plate Boundaries, and Earthquake Hazards	Ch. 16
4/24	Geologic Maps	Ch. 15
5/1	Lab Exam 2	Study guide posted to lecture Canvas page
5/8	Labs do NOT Meet	

Important dates: 1/30 class begins; 2/3 last day to add without instructor's signature; 2/24 last day to add with instructor's signature; 3/15 last day to drop without Late Drop Request Form or withdrawal; 3/19–3/26 Spring Break; 5/12 Classes end.