

ERTH 101: Earth System Science Lab Syllabus
GAINES HALL 147

Lab attendance is required. Labs are due at the end of each lab meeting unless otherwise specified. All lab topics and lab schedule/format (i.e. in-person vs online) are subject to change.

WEEK/DATE	LAB TOPIC
January 19-21	No lab
January 24-28	Lab 1: Lab Introduction/MOR visit
January 31-February 4	Lab 2: Minerals
February 7-11	Lab 3: Rocks
February 14-18	Lab 4: Earthquakes and Mountain Building
February 21-25	NO LAB (Presidents' Day Monday)
February 28-March 4	Lab 5: Geologic Time and Maps
March 7-11	Lab 6: Paleontology
March 14-18	NO LAB (Spring Break)
March 21-25	Lab 7: Fluvial Processes
March 28-April 1	Lab 8: Groundwater/Aquifers
April 4-8	Lab 9: TBD
April 11-15	NO LAB (University Day Friday)
April 18-22	Lab 10: Ocean Acidification
April 25-29	Lab 11: Atmospheric Pressure and Weather Observations
May 2-6	NO LAB
May 9-13	NO LAB

Attendance: Lab attendance is mandatory. Always go to the same lab. If you need to change labs permanently, it must be done through the registrar. Show up on time and expect to work the **entire** lab period.

Electronic devices: **Silence** your phone and **put it away during lab**. Use of laptops and other electronic devices is **not** allowed during lab unless your lab instructor specifically asks you to use them for an assignment.

Missed Labs: If you miss a lab, you must attend another section during that week, preferably another section taught by your regular lab instructor. **You must** make arrangements to attend another lab. You **will not** be permitted to attend another lab without permission from the lab instructor. Medical or family emergencies must be documented for an excused absence. You will still be expected to complete the lab you missed and turn it in to your lab instructor. If you need to go to another instructor's section, **you must** make arrangements with your instructor about how to turn in your lab. If circumstances prohibit you from attending a whole lab week, speak with your instructor beforehand. If you do not make prior arrangements, your absence will not be excused.

Know your username and password to log on to the lab computers (same as all other campus computers).

Lab turn-in: You are expected to complete the labs during your lab period unless otherwise directed. If your lab assignment is missing at the end of lab, you will get a 0 for that lab.

Group work: Working collaboratively in a lab environment is fun and a great way to develop good problem-solving skills. **Each student must submit their own assignment** with their own answers written in their own words. If you have any questions about what is acceptable for group work, please ask.

Grading: Lab is worth **40% of your final grade** in the course. **You MUST pass lab in order to pass the course**, regardless of your exam scores for lecture. Missing 3 labs will result in failure of the lab portion of the class. Regardless of the actual points allocated for any particular lab, they are all worth the same amount. You will receive a percentage score for each lab, and your final lab grade for the semester will be a percentage score. Labs will be graded and returned during a following lab period.