

EAS 2600 Lab: Earth Processes (Majors/Honors Section)

THE GEORGIA INSTITUTE OF TECHNOLOGY

Instructor: Renée Clavette

Email: rclavette6@gatech.edu

Office Hours: Monday 9:00 – 10:00 AM or by appointment(online)

Lab: Tuesday 3:30 – 6:15 PM in Kendeda 298

Canvas: <https://gatech.instructure.com/courses/146644>

General

This lab curriculum is designed to deepen your understanding of earth processes through discussion and hands on experience with data and observations. Everything within this lab syllabus is in addition to the overall course syllabus. All course rules and policies including those pertaining to the academic honesty and student-faculty expectations apply.

Required Lab Material: There is no separate textbook or lab manual associated with the lab portion of this course. Instead, relevant lab materials will be posted each week to Canvas.

Office Hours: Monday, 9:00 – 10:00 AM via BlueJeans or by separate appointment. Email is preferred for quick, short-answer questions, but for larger conceptual questions, specific questions about grading, or would like to discuss a topic in detail, office hours are best.

Online Communication and Resources: The official means of communicating for this class is your Georgia Tech email. Please check your email regularly for updates. If you have a specific question about lab, email me directly. For general questions, post/reply to the particular lab's discussion in Canvas, there will be one for each lab.

Academic Integrity: Georgia Tech aims to cultivate a community based on trust, academic integrity, and honor. Students are expected to act according to the highest ethical standards. For information on Georgia Tech's Academic Honor Code, please visit <http://www.catalog.gatech.edu/policies/honor-code/> or <http://www.catalog.gatech.edu/rules/18/>.

Health: Our labs will mostly be in-person and we expect people involved to have a good mask covering their mouth and nose as well as practice social distancing keeping at least 6 feet of separation between yourself and others. Your safety, that of your families, and instructors' are of the utmost importance, followed by a quality education. Please reach out if you have any specific concerns. More information on GT guidance with regards to face-coverings and other COVID-related information is available at: <http://health.gatech.edu/coronavirus/students>

Students with Disabilities: If you are a student with learning needs that require special accommodation, contact the Office of Disability Services at (404)894-2563 or <http://disabilityservices.gatech.edu>, as soon as possible, to make an appointment to discuss your special needs and to obtain an accommodations letter. Please also e-mail me as soon as possible in order to set up a time to discuss your learning needs.

Evaluation

Grading: The laboratory section of this course comprises 20% of your total grade. Each lab will be worth 100 points. The lowest lab grade at the end of the semester will be dropped. The grading scale will be the same as in the lecture portion of the class and is outlined below:

Letter Grade: A \geq 90% > B \geq 80% > C \geq 70% > D \geq 60% > F
Satisfactory/Unsatisfactory: S \geq 70% > U

Attendance: Most labs will be held in-person (Kendeda 298) and your attendance is expected. You will be notified ahead of time if a lab will be done remotely. All lab materials will be posted on Canvas on the day of the scheduled lab and due before the next lab session. Deadlines will be set in Canvas.

Absences: If for some reason you cannot submit the lab by the due date, it will be considered your dropped lab. Late labs will be penalized according to the class late policy. Please remember that in all serious situations including COVID-19 illness (family emergency, serious illness, etc.), you should go to the Dean of Students as they are there to help you in these cases (<http://www.deanofstudents.gatech.edu>).

Group Work: Cooperative work groups are permitted with discussion encouraged. However, each student is still responsible for their own work and will complete a separate lab in their own words. Copying other students' work does not assist learning and is not permitted. The use of previously submitted work or old answer keys as a direct resource is strictly forbidden. It is strongly recommended to use online tools for any sort of group work.

Lab Schedule

No.	Topic	Date
01	Plate Tectonics	Jan. 18
02	Geologic Mapping	Jan. 25
03	Earthquakes and Tsunamis	Feb. 01
04	Rocks/Minerals ID	Feb. 08
05	Geologic Structures	Feb. 15
06	Geologic Field Guides	Feb. 22
07	Atlanta Geology (Field Trip)	Mar. 01
08	Geologic Time	Mar. 08
09	Arabia Mountain (Field Trip)	Mar. 12 (Saturday)
	<i>Spring Break - No Lab</i>	
10	Physical/Chemical Weathering (Field Trip)	Mar. 29
11	Surface Water Hydrology	Apr. 05
	No Lab/Makeup	Apr. 12 and Apr. 19

**This schedule is tentative and subject to change.*

Field Trips: We will have 2-3 field trips throughout the semester, one being held outside of the regular class time in which attendance will be optional if you have a conflict (tentatively: Saturday March 12th). More details will be provided closer to these field trips, but please reach out with any concerns.