

GEOL 1140: Earth Resources – Online Lab

Spring 2020 Syllabus

Class Times and Location:

Online

Instructor:

Dr. Emily Scribner

435 Brackett Hall

Office hours: MW 11:00 am – 12:30 pm

If you are not able to come to campus email me to schedule a Skype office hour appointment. If my office hours do not fit your schedule email me to schedule an appointment (in person or via Skype).

escribn@clemson.edu

I do my best to respond to all emails and Canvas messages within 24 hours; however, I will likely take longer to respond to communications sent after 5:00 pm or on the weekend.

Course Description:

We have a variety of resources upon which we depend for our livelihood and our high quality of life. If we are to continue this high quality of life, we need to understand the limits that are imposed on us by our environmental and social conditions. This course examines the nature of Earth's geologic resources, implications of resource depletion, and the degradation of our environment as these resources are mined, used, and discarded.

Course Goals:

By the end of this course, you should:

1. Be familiar with different types of analyses that are used to explore and solve problems involving environmental monitoring and utilizing our natural resources in sustainable ways.
2. Develop critical thinking skills pertinent to the domain of geology and the use of resources.

Course Website:

All course material and assessments will be posted on [Canvas](#). Log in to Canvas using your Clemson University user ID and password. From your Dashboard, select the course "S2001-GEOL-1140-001-14862".

Course Grade:

Your course grade will be calculated based on 10 weekly lab quizzes. A quiz will be completed following each of the 10 weekly lab assignments. There is no final exam or any other assessments. There is an optional Lab 11 (assignment and quiz) that, if completed, will replace your lowest lab grade (unless your Lab 11 score is lower than your lowest lab score, in which case it will not be counted). The schedule for the lab assignments (and quizzes) is:

Lab	Topic	Open Date (all Saturdays at 12:00 am)*	Due Date (all Fridays at 11:59 pm)
1	Global population	1/18 [†]	1/24
2	Plate tectonics	1/25	1/31
3	Supply and demand	2/1	2/7
4	Gold deposits	2/8	2/14
5	Landfill	2/15	2/21
6	Mining: waste and ore grades	2/22	2/28
7	Coal mine	2/29	3/6
8	Acid rain	3/7	3/13
9	Energy use and fossil fuel distribution	3/21 [†]	3/27
10	Fossil fuels and atmospheric chemistry	3/28	4/3
11	Shoreline property assessment	4/4	4/10 [†]

*I don't expect you to start these on the weekend if you don't want to, but every lab will become available on the Saturday so that you have a full week to work on them before they are due on Friday.

[†]There are no labs during the first two weeks of class, Spring Break, the last two weeks of class, or finals week.

Grades are calculated using the traditional 10-point scale:

A = 100–90%

B = 89–80%

C = 79–70%

D = 69–60%

F = 59–0%

Online Participation:

It is your responsibility to stay on top of the course material. All course material and quizzes are hosted online on Canvas. You are responsible for meeting all deadlines posted in the schedule. You are highly encouraged to use the Canvas Discussion Board to communicate with your fellow classmates. I will also monitor the Discussion Board and help answer any questions that

are asked. Students are reminded that all online communication should be professional and respectful.

Lab Assignments:

The lab assignments will take the form of primarily interactive online modules. A new module (including the lab quiz) will be assigned each week on Saturday at 12:00 am, and will be due the following Friday at 11:59 pm.

Lab Quizzes:

The quizzes assess your understanding of the lab and demonstrate that you have completed the lab module. These quizzes form the entire basis of your grade for this course. All quizzes become available on Saturday at 12:00 am and are due on Friday at 11:59 pm.

Course Policies:**Late Quizzes:**

Accepted with a penalty of -10% per day that it is late. This penalty includes weekend days. Exceptions to this rule will only be granted in extreme circumstances. I may ask for written proof that explains why you were not able to complete the quiz by its due date.

Grade Disputes:

If there is an issue with the grade you received on a quiz, please discuss it with me as soon as possible. Grade disputes will not be considered more than 3 weeks after a quiz is due and/or after the final day of class.

University Policies:**Academic Integrity:**

The Undergraduate Catalogue states, “As members of the Clemson University community, we have inherited Thomas Green Clemson’s vision of this institution as a “high seminary of learning.” Fundamental to this vision is a mutual commitment to truthfulness, honor, and responsibility, without which we cannot earn the trust and respect of others. Furthermore, we recognize that academic dishonesty detracts from the value of a Clemson degree. Therefore, we shall not tolerate lying, cheating, or stealing in any form [including plagiarism].” Any instances of academic misconduct will be referred to Academic Affairs with the recommendation that the student receive an F on the assignment or examination.

Inclement Weather or Extenuating Circumstances:

Since this is an online course, cancellation of campus classes due to inclement weather or other extenuating circumstances will not affect course assignment deadlines.

Accommodations for Students with Disabilities:

Clemson University values the diversity of our student body as a strength and a critical component of our dynamic community. Students with disabilities or temporary injuries/conditions may require accommodations due to barriers in the structure of facilities, course design, technology used for curricular purposes, or other campus resources. Students who experience a barrier to full access to this class should let the professor know, and make an appointment to meet with a staff member in Student Accessibility Services as soon as possible. You can make an appointment by calling 864-656-6848, by emailing studentaccess@lists.clemson.edu, or by visiting Suite 239 in the Academic Success Center building. Appointments are strongly encouraged – drop-ins will be seen if at all possible, but there could be a significant wait due to scheduled appointments. Students who receive Academic Access Letters are strongly encouraged to request, obtain and present these to their professors as early in the semester as possible so that accommodations can be made in a timely manner. It is the student's responsibility to follow this process each semester. You can access further information here: <http://www.clemson.edu/campus-life/campus-services/sds/>.

Title IX (Sexual Harassment):

Clemson University is committed to a policy of equal opportunity for all persons and does not discriminate on the basis of race, color, religion, sex, sexual orientation, gender, pregnancy, national origin, age, disability, veteran's status, genetic information or protected activity in employment, educational programs and activities, admissions and financial aid. This includes a prohibition against sexual harassment and sexual violence as mandated by Title IX of the Education Amendments of 1972. This policy is located at <http://www.clemson.edu/campus-life/campus-services/access/title-ix/>. Ms. Alesia Smith is the Clemson University Title IX Coordinator, and the Executive Director of Equity Compliance. Her office is located at 110 Holtzendorff Hall, 864.656.3181 (voice) or 864.656.0899 (TDD). Any instances of harassment or disruptive behavior towards others involved in this course (faculty, other students, etc.) will not be tolerated and will result in the student being dropped from the course.