

Earth and Space Systems Laboratory

Geology 251, Fall 2007

Professor: Dr. Gwen M. Daley **Meets:** MW 10:30-12:00 or 1:00-2:30
Office: 213F **Room:** Sims 201
Phone: 323-4973 **Office Hours:** T 11-12:30; R 11-12 and by appointment
E-mail: daleyg@winthrop.edu

Co-Requisite: Geol 250 (Earth and Space Systems).

Objective: To gain understanding of the earth and space sciences through exercises and experiments.

8/22	No lab	
8/27	Metric conversions	
8/29	Scientific methods	
9/3	Movement in the sky	Quiz One: Metric Conversion
9/5	Apparent solar movement	
9/10	Lab Notebooks Due	
9/12	Seasonality	
9/17	Earth's atmosphere I	
9/19	Earth's atmosphere II	
9/24	Weather	
9/26	Streams	
10/1	Groundwater I	
10/3	Groundwater II	
10/8	Lab Notebooks Due	
10/10	Earthquakes	
10/15	<i>Fall Break – No class</i>	
10/17	Minerals I	
10/22	Minerals II	
10/24	Igneous Rocks	Quiz Two: Minerals
10/29	<i>No class meeting</i>	
10/31	<i>No class meeting</i>	
11/5	Weathering	Quiz Three: Igneous Rocks
11/7	Sedimentary Rocks	
11/12	Metamorphic Rocks	Quiz Four: Sedimentary Rocks
11/14	Lab Notebooks Due	Quiz Five: Metamorphic Rocks
11/19	20. Plate Tectonics I	
11/21	<i>Thanksgiving – No class</i>	
11/26	21. Plate Tectonics II	
11/28	22. Geologic Time I	
12/3	23. Geologic Time II - Lab Notebooks Due	

Schedule subject to change

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Attendance: Lab attendance is mandatory and necessary.

Grading: Grades in this class will be assigned based on the results of the following:

Labs (25)	2 each	50 pts
Lab Write-ups (25)	1 each	25 pts
Quizzes (5)	5 each	25 pts
Total:		100 pts

Grades will be calculated on a straight scale:

- A** 90-100
- B** 80-89
- C** 70-79
- D** 60-69
- F** <60

This scale may be adjusted downward as determined by the instructor, but the points needed for each grade will never be higher than indicated above (e.g., a student with more than 90 points will always receive a grade of A).

Missed quizzes can not be made up without either written proof of an emergency or prior arrangement. Lab write-ups are due at the beginning of the next lab meeting, and **no late work** will be accepted. Extensions may be obtained prior to the next class meeting, but once the due date has passed, the assignment can not be turned in for a grade without proof of emergency. To ask for an extension, submit a request via e-mail with all of the work you have completed on the assignment. The professor may or may not grant an extension.

Statement on Cheating: Your grade is based on work you have done. Any attempt to submit someone else's work as your own is plagiarism, and thus cheating. Substantially identical work submitted by more than one student will all be assigned a grade of zero, and further action may be taken. Attempting to use any unauthorized material during exams (including material stored on calculators or other electronic devices) is strictly forbidden, and is cheating. Unethical behavior such as cheating could result in a grade of "F" for the course, and other unpleasant action may also be taken. See your student handbook for more details.

Students with Disabilities: Winthrop University is dedicated to providing access to education. If you have a disability and need classroom accommodations, please contact Gena Smith, Coordinator, Services for Students with Disabilities, at 323-3290, as soon as possible. Once you have your professor notification form, please contact me so that I am aware of your accommodations well before the first exam.