

Physical Geology

GEOL 113, Section 002, Spring 2009

Professor: Gwen M. Daley Office: Sims 213F Phone: 323-4973 E-mail: daleyg@winthrop.edu	Meets: T 12:30-3:15 Room: Sims 202 Office Hours: T 10-12 and by appointment Text: Busch, R.M. Laboratory manual in physical geology, 8 th Edition. Do NOT buy used copies!
---	--

Web Server: <http://bohr.winthrop.edu>

Objectives: To explore the major processes responsible for shaping the physical Earth, and the relationship of those processes to the distribution of different landscapes, oceans, and mineral resources on Earth using hands-on demonstrations and activities.

Date	Lab	Reading	Quizzes
1/13	No lab		
1/20	Plate Tectonics	30-46	
1/27	Minerals	47-68	
2/3	Igneous Rocks	75-106	Quiz One: Minerals
2/10	Weathering	<i>handout</i>	Quiz Two: Igneous Rocks
2/17	Sedimentary Rocks	109-118	
2/24	Metamorphic Rocks	133-145	Quiz Three: Sedimentary Rocks
3/3	Geologic Time	151-165	Quiz Four: Metamorphic Rocks
3/10	Structural Geology	195-205	
3/17	No Lab - Spring Break		
3/24	Streams	213-221; <i>handout</i>	
3/31	Groundwater I	236-243; <i>handout</i>	
4/7	Groundwater II	236-243; <i>handout</i>	Quiz Five: Groundwater I
4/14	Resources	<i>handout</i>	
4/21	Coastal Processes	284-296	

Lab topics subject to change.

GEOL 113, Section 002, Fall 2009

General Education Requirement: Geol 110 and the co-requisite Geol 113 together fulfill four hours of general education requirement requirement for natural sciences. For details, please see your Geol 110 syllabus.

Attendance: Lab attendance is mandatory and necessary. You must arrive on time and complete the lab during the lab section to be awarded credit for that lab. Failure to arrive on time to lab will result in no credit being awarded for that lab.

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

Twelve (13) Labs	4% each	52%
Five (5) scheduled quizzes	8% each	40%
Two (2) pop quizzes	4% each	8%
Total		100%

The scheduled quizzes will be practical exercises in geologic terminology and/or rock and mineral identification. The pop quizzes will cover material from that day's lab reading and will be given at the beginning of the lab meeting. There will be no make-up quizzes or labs without either prior arrangement with the instructor or documentation of a genuine emergency that directly prevented the student from attending the lab meeting.

Grades will be calculated on a straight scale:

A	90-100	C	70-76.99
B+	87-89.99	D	60-69
B	80-86.99	F	<60
C+	77-79.99		

The scale may be adjusted downward as determined by the instructor, but the percentage score required for each grade will never be higher than indicated (e.g., a student with a score of 90% will always receive an "A").

Statement on Cheating: Your grade will be based on work *you* and *you alone* have done. Any attempt to submit anyone else's work for credit is plagiarism, and thus cheating. Attempting to use any unauthorized material during quizzes (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, please tell me immediately so that I am aware of your accommodations before the first quiz.