

# Physical Geology

GEOL 113, Section 002, Fall 2008

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**Professor:** Gwen M. Daley      **Meets:** W 9:00-12:00  
**Office:** Sims 213F                **Room:** Sims 202  
**Phone:** 323-4973                **Office Hours:** T: 12:30-1:30; W 12:00-1:00 and by appt.  
**E-mail:** daleyg@winthrop.edu   **Text:** Busch, R.M. 2006. Laboratory manual in physical geology, 7<sup>th</sup> Edition. Do NOT buy used copies!

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**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
8/27	No lab		
9/3	Minerals	47-70	
9/10	Igneous rocks	77-83; 91-110	Quiz 1: Minerals
9/17	Weathering	111-115; <i>handout</i>	Quiz 2: Igneous Rocks
9/24	Sedimentary rocks	111-120	
10/1	Metamorphic rocks	133-145	Quiz 3: Sedimentary Rocks
10/8	<i>No lab meeting</i>		
10/15	Plate Tectonics	30-46	Quiz 4: Metamorphic Rocks
10/22	Geologic time	151-165	
10/29	Geologic structures	195-209	
11/5	Streams	210-216; <i>handout</i>	
11/12	Groundwater I	<i>handout</i>	Quiz 5: Streams
11/19	Groundwater II	230-244; <i>handout</i>	
11/26	<i>Thanksgiving break</i>		
12/3	Resources	<i>handout</i>	

*Lab topics subject to change.*

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**Attendance:** Lab attendance is both mandatory and necessary. Be on time!

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

<b>Twelve (12) Labs</b>	4% each	48%
<b>Five (5) scheduled quizzes</b>	8% each	40%
<b>Two (2) pop quizzes</b>	6% each	12%
<b>Total</b>		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:

<b>A</b>	90-100%
<b>B</b>	80-89.99%
<b>C</b>	70-79.99%
<b>D</b>	60-69.99%
<b>F</b>	<60%

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.