

Physical Geology

GEOL 110, Section 003, Fall 2008

Professor: Gwen M. Daley
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Meets: TR 9:30-10:45
Room: Sims 202
Office Hours: T 12:30-1:30, W 12:00-1:00
Text: Marshak 2007. Essentials of Geology, 2nd Edition

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

Objectives: To explore the major processes responsible for shaping the physical Earth and the relationships of those processes to the distribution of different landscapes, oceans, and mineral resources on Earth.

Date	Topic	Reading; Notes
8/26	Introduction	1-7
8/28	The Earth	20-33
9/2	Minerals I	78-91
9/4	Minerals II	91-94
9/9	Igneous Processes I	95-119; Quiz 1: Minerals
9/11	Igneous Processes II	180-202
9/16	Weathering	121-131; Quiz 2: Igneous Processes
9/18	Mass Wasting	373-390
9/23	Sedimentary Processes I	131-152
9/25	Sedimentary Processes II	131-152
9/30	Metamorphic Processes	153-179; Quiz 3: Sedimentary Processes
10/2	Plate Tectonics I	35-53
10/7	<i>No class meeting</i>	
10/9	Seismology I	206-221; 240-247
10/14	Seismology II	221-238
10/16	Plate Tectonics II	53-75; Quiz 4: Seismology
10/21	Geologic Time I	273-291
10/23	Geologic Time II	293-303
10/28	Structural Geology	248-261
10/30	Plate Tectonics III	261-271; Quiz 5: Geologic Time
11/4	<i>Election Day – go vote</i>	
11/6	Surface Water	365-370; 391-414
11/11	Groundwater I	450-461
11/13	Groundwater II	461-465; Quiz 6: Surface Water
11/18	Coastal Processes	418-448
11/20	Energy Resources	329-349
11/25	Mineral Resources	350-362
11/27	<i>Thanksgiving Break</i>	
12/2	Deep Time I	313-322; Quiz 7: Resources
12/4	Deep Time II	322-325
12/11	Final Exam: 8:00 AM	

Lecture topics subject to change.

Attendance: Class attendance is both mandatory and necessary.

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

Six (6) scheduled quizzes	10% each	60%
Three (3) pop quizzes	3%, 3%, 4%	10%
Two (2) homework assignments	5% each	10%
One (1) final exam	20%	20%
Total		100%

There are seven (7) scheduled quizzes, but only six will count toward the final grade (the lowest quiz score will be dropped). The pop quizzes will be given at the beginning of three different class meetings. The subject of each pop quiz will be that day's reading from the textbook. The final exam will be comprehensive and may consist of a combination of short answer, true/false, multiple choice and/or essay questions. There will be no make-up quizzes without either prior arrangement with the instructor or documentation of a genuine emergency that caused the student to miss that day's class meeting. Make-up quizzes will not be the same as those administered in class and may consist of oral questions and/or essay questions.

Homework assignments are due at the beginning of your class meeting on the due date indicated on the assignment instructions. No late work will be accepted. Extensions may be *requested* prior to the due date, but once the due date has passed, the assignment cannot be turned in for a grade, regardless of circumstances. Homework assignments may be turned in at any time up to the due date. If you think you are in danger of not finishing an assignment on time, please come and talk to me as soon as possible.

Grades will be calculated on a straight scale:

A	90-100%
B	80-89.99%
C	70-79.99%
D	60-69.99%
F	<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 and 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, please tell me immediately so that I am aware of your accommodations before the first quiz.