

Physical Geology 51-102 Lecture: Fall 2007 (4 credits)

Section: B09C

Instructor: Dr. Eric Hiatt

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Class Schedule: Lectures: MWF 1:50-2:50 PM, Halsey 109. See [Laboratory Schedule here](#).

Office hours: 10:30-11:30 M,W; 3:00-4:00 M,W,F, and by appointment or chance.

Important Dates: Thanksgiving Break Nov. 21-25; Semester end Dec. 14.

Grades: Your course grade will be based on four lecture exams (60%), your lab grade (30%), and in-class exercises** (10%). Note: you must attend the lab to pass the course, and you must pass the laboratory portion of the course to receive a passing grade in the overall course.

****In-Class exercises** will include written answers to questions, and interpretive sketches based on photos shown to the class.

Grade scale: 92% and up = A; 87-91 = AB; 82-86 = B; 77-81 = BC; 72-76 = C; 67-71 = CD; 60-66 = D; <60% = F

Exams: The lecture exams will be weighted equally, can cover material from lab, and will be in an objective multiple-choice format. **Bring a #2 pencil and YOUR STUDENT I. D. to each exam.**

The tentative exam schedule is:

Exam 1 October 5

Exam 2 October 29

Exam 3 November 19

Exam 4 December 12

Attendance: The **material on the exams will come from the lecture and lab** so attendance in both is required if you wish to do well in the course. Please feel free to ask questions at any time, including during lecture. If you have a valid excuse and must miss an exam, contact me **BEFORE** the exam date. If you have a valid excuse, you may take a makeup exam.

Special Accommodations: Reasonable accommodations will be made for students with disabilities. Please contact Disability Services (424-3100 (voice) or 424-1319 (TTY)) or visit their web site at <http://www.uwosh.edu/dean/disabilities.htm> for the University's accommodation request form and documentation requirements. Information related to an individual's accommodation request will be kept confidential.

Academic Integrity: The Wisconsin Administrative Code states: "Students are responsible for the honest completion and representation of their work, for the appropriate citation of sources, and for respect of others academic endeavors." (§ UWS 14.01) Plagiarism and other forms of academic misconduct are serious offenses with severe penalties. See the [University of Wisconsin Oshkosh Student Discipline Code](#) for definitions of academic misconduct and details about procedures,

sanctions, and other relevant information. Specific questions about the provisions in the Student Discipline Code should be directed to the Dean of Students Office. If you do not understand this statement, please see me as soon as possible.

Required text: [Physical Geology](#), 2007, 11th edition by Plummer, McGeary, and Carlson, McGraw Hill Publisher.

Required lab manual: [Laboratory Manual for Physical Geology](#), 2008, 6th edition by Jones and Jones, McGraw Hill Publisher.

Note: a used lab manual is NOT acceptable.

Physical Geology Lecture Schedule: Fall 2007

Week of:	Topic and readings:	Chapter in Text
Sept. 3	Introduction to science and scientific inquiry; Earth in space and time; Overview of how planet Earth is constructed.	Chps. 1 & 22 (p. 583-588)
Sept. 10	Plate Tectonics I: Overview of how the Earth works.	Chps. 1 & 19
Sept. 17	Atoms, compounds, and minerals.	Chps. 2 & 21 (p. 569)
Sept. 24	Rocks & Plate Tectonics; Igneous rocks and formation of magma.	Chps. 3 & 21 (p. 570)
Oct. 1	Volcanoes. Review for Exam. Exam 1.	Chp. 4
Oct. 8	Weathering, soils and global chemical cycles.	Chp. 5
Oct. 15	Reading the history of life: Sedimentary rocks; Interpreting sedimentary rocks.	Chp. 6
Oct. 22	Metamorphic rocks; The vastness of Geologic time; Relative age determinations. Quantitative age determinations.	Chps. 7 & 8
Oct. 29	Exam 2; The hydrologic cycle; Streams and floods.	Chps. 10 & 11
Nov. 5	Streams and Floods (cont.); Groundwater.	Chps. 10 & 11
Nov. 12	Glaciation; Climate change, and paleoclimates.	Chp. 12
Nov. 19	Exam 3; Thanksgiving Break.	Read Chp. 15
Nov. 26	Plate tectonics II Geologic structures (stress, strain, folds and faults).	Chp. 15
Dec. 3	Earthquakes and how the Earth is constructed II; Earth resources: coal	Chps. 16, 17 & 21
Dec. 10	Earth resources: petroleum & minerals; Review, Exam 4.	Chp. 21

Important Dates:

Last day to drop with 100% fee refund: **September 18.**

Last day to drop **without Late Drop Appeal: October 19 .**

Thanksgiving break: November 21-25.

Last Exam: December 12.

Last day of classes: December 14.

Graduation: December 15.

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