

Physical Geology 51-102 Lecture: Spring 2008 (4 credits)

Section: A09C

Instructor: Dr. Eric Hiatt
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Class Schedule: Lectures: MWF 11:30-12:30 PM, Halsey 106. See [Laboratory Schedule here](#).

Office hours: 9:00-10:00 W; 3:00-4:00 M,W,F, and by appointment or chance.

Important Dates: Spring Break March 23-30; Semester end May 16.

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 February 27

Exam 2 March 19

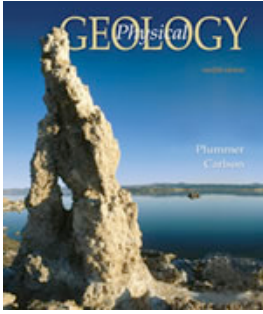
Exam 3 April 18

Exam 4 May 14

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.

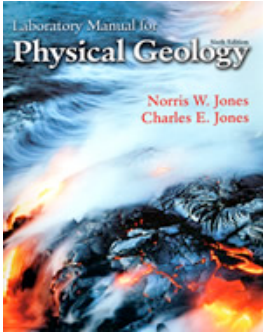
Special Accommodations: Reasonable accommodations will be made for students with disabilities. Please contact Disability Services (424-3100 (voice) or 424-1319 (TTY)) or visit their web site at <http://www.uwosh.edu/dean/disabilities.htm> for the University's accommodation request form and documentation 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, 2008](#), 13th edition** by Plummer, McGeary, and Carlson, McGraw Hill Publisher.

****The previous edition of this text is also acceptable.**



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: Spring 2008

Week of:	Topic and readings:	Chapter in Text
Feb. 4	Introduction to science and scientific inquiry; Earth in space and time; Overview of how planet Earth is constructed.	Chps. 1 & 22 (p. 583-588)
Feb. 11	Plate Tectonics I: Overview of how the Earth works.	Chps. 1 & 19
Feb. 18	Atoms, compounds, and minerals.	Chps. 2 & 21 (p. 569)
Feb. 25	Rocks & Plate Tectonics; Igneous rocks and formation of magma; Exam 1.	Chps. 3 & 21 (p. 570)
March 3	Volcanoes; Weathering, soils and global chemical cycles.	Chps. 4 & 5
March 10	Reading the history of life: Sedimentary rocks.	Chp. 6
March 17	Interpreting sedimentary rocks; Exam 2.	Chp. 6
March 24	Spring Break.	Chp. 7
March 31	Metamorphic rocks. The vastness of Geologic time; relative age determinations; quantitative age determinations.	Chps. 7 & 8
April 7	The hydrologic cycle; streams and floods; groundwater.	Chps. 10 & 11
April 14	Glaciers and glaciation; Climate change, and paleoclimates. Exam 3.	Chp. 12
April 21	Plate tectonics II: Geologic structures (stress, strain, folds and faults).	Chps. 12 & 15

April 28	Earthquakes and how the Earth is constructed II.	Chps. 16, 17
May 5	Earth resources: coal & petroleum.	Chp. 21
May 12	Earth resources: minerals; Review, Exam 4.	Chp. 21

Important Dates:

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

Spring Break: March 23-30.

Last Exam: May 14.

Last day of classes: May 16.

Graduation: May 17.

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