

## PHYSICAL GEOLOGY 51-102 LECTURE: SPRING 2007 (4 CREDITS)

### Section: A09C

**INSTRUCTOR:** Dr. Natasha Vidic      **Office:** Harrington Hall 205  
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**OFFICE HOURS:** 12:40-1:50 M, W, F, and *by appointment or chance*.  
**CLASS SCHEDULE:** Lectures: MWF 11:30-12:30 PM, Halsey 106.  
**IMPORTANT DATES:** Spring Break, March 17-25; Semester end, May 11.  
**LAB INSTRUCTORS:** [Dr. George Hudak](#), [Dr. Glenn Jaecks](#), [Dr. Jennifer Wenner](#) (see lab syllabus for contact info).

**REQUIRED TEXTS:** [Physical Geology: Earth Revealed](#), 2006, 11th edition by Plummer, McGary, and Carlson, McGraw Hill Publisher.

[Laboratory Manual for Physical Geology](#), 2006, 5th edition by Jones and Jones, McGraw Hill Publisher. **Note: a used lab manual is NOT acceptable!**

**REQUIRED SUPPLEMENTAL EQUIPMENT:** An Einstruction Classroom Response Pad (CRP) is required for this course. It will be used for in-class exercises and quizzes. In order to use your CRP, you first need to register with Einstruction and enroll your CRP in this course. To do this go to [www.einstruction.com](http://www.einstruction.com). Click on the "Students" button at the top of the page and then follow the instructions. The instructions are also posted in the D2L Content section. Class Key is **H27284C398**.

**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. You need to read the material before you come to class or lab (check D2L regularly). Class quizzes and exercises will test your preparedness.

#### GRADES:

4 Lecture Exams: 60%, Laboratory Grade\*: 35%, In-Class Exercises\*\*: 5%

**\*Note:** you must pass the lab (lab grade >60%) in order to pass the course. There is no extra credit in this course. You should invest your energy in keeping up with the material and studying for the lecture and lab exams.

**\*\*In-Class exercises** will be short quizzes and exercises using the personal response system.

**Grade scale:** 90% and up = A; 85-89.9% = AB; 80-84.9% = B; 75-79.9% = BC; 70-74.9% = C; 65-69.9% = CD; 60-64.9% = 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. The last exam will be **half comprehensive**. **Bring a #2 pencil and YOUR STUDENT I. D. to each exam**. If you have a valid excuse and must miss an exam, contact me **BEFORE** the exam date **IN WRITING** (by e-mail). Include your name, a valid excuse and the time you are available for the exam. If you have a valid excuse, you may take a makeup exam.

**The tentative exam schedule is:**

**Exam 1 February 23; Exam 2 March 16; Exam 3 April 13; Exam 4 May 9.**

**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. The instructor will need a paper copy of your documentation in her file to grant any special accommodations.

**ACADEMIC INTEGRITY:** Academic dishonesty/cheating, in any form, will not be tolerated. All work submitted must be your own. Violations will result in a score of zero on the assignment and will be reported to the Dean of Students for further disciplinary action. 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.

**TENTATIVE COURSE SCHEDULE:**

This is tentative – check D2L for updates on lecture schedule and reading. Reading for lab section is given in lab syllabus.

Jan. 29	<i>Lectures: Class logistic. Introduction. Earth's interior.</i> <b>LABS DO NOT MEET!</b>	<b>Chps. 1, 2</b>
Feb. 5	<i>Lectures: Plate tectonics.</i> <b>Lab:</b> Earth Materials, Processes and Isostasy; <b>Homework 1 DUE.</b>	<b>Chp. 4 (parts of Ch. 3)</b>
Feb. 12	<i>Lectures: Atoms, Elements an Minerals. Volcanic and igneous rocks.</i> <b>Lab:</b> Plate Tectonics.	<b>Chp. 9, parts of 10, 11</b>
Feb. 19	<i>Lectures: Volc. and igneous rocks cont..</i> <b>Exam 1: Fri. Feb. 23</b> <b>Lab:</b> Properties of Minerals, Mineral Identification.	<b>Parts of Ch. 10, 11</b>
Feb. 26	<i>Lectures: Volcanic and intrusive activity. Sedimentary rocks.</i> <b>Lab: Exam 1;</b> Igneous Rocks.	<b>Parts of Ch. 10, 11, 14</b>
March 5	<i>Lectures: Sedimentary rocks, cont. Time and geology</i> <b>Lab:</b> Igneous Rocks (cont.); Sedimentary Rocks.	<b>Chp. 14, 8</b>
March 12	<i>Lectures: Metamorphism and metamorphic rocks.</i> <b>Lab:</b> Topographic maps. <b>Exam 2: Fri., March 16</b>	<b>Ch. 15</b>
<b>March 19</b>	<b>Spring Break!</b>	<b>Read Chps. 5,6</b>
March 26	<i>Lectures: Mountains and geologic structures. Earthquakes.</i> <b>Lab: Exam 2.</b> Metamorphic rocks.	<b>Chps. 5, 6, 7</b>
April 2	<i>Lectures: Earthquakes, cont. Streams.</i> <b>Lab:</b> Geological Time and Geologic Histories.	<b>Chps. 7, 16</b>
April 9	<i>Lectures: Groundwater. Glacier.</i> <b>Exam 3: Fri., April. 13</b> <b>Lab:</b> Streams; Groundwater. <b>Sat., April 14, FIELDTRIP*</b>	<b>Chps. 17, 19</b>
April 16	<i>Lectures: Weathering and soils.</i> <b>Lab: Exam 3.</b> Glaciers. <b>Sat., April 21, FIELDTRIP*</b>	<b>Chp. 12</b>
April 23	<i>Lectures: Mass wasting. Deserts and Wind Action</i> <b>Lab:</b> Structural Geology and Geologic Maps.	<b>Chp. 13, 18</b>
April 30	<i>Lectures: Geologic resources.</i> <b>Lab: Exam 4.</b>	<b>Chp. 21</b>
May 7	<i>Lectures: Review,</i> <b>Exam 4: Wed., May 9.</b> <b>LABS DO NOT MEET!</b>	

\* See lab syllabus for detail.