

**FALL 2006 ENVIRONMENTAL GEOLOGY, 51-150 (4 credits)**  
**MWF 9:10 - 10:10 AM HALSEY 106**

**Instructor:** Natasha Vidic                      **Office:** Harrington 205                      **Phone:** 424-0265

**E-mail:** [vidicn@uwosh.edu](mailto:vidicn@uwosh.edu)

**Office Hours:** Monday 10:20 - 12, Tuesday 1:30-2:30, Wednesday 10:20 – 12, or by appt.

**Lab Instructors:** Natasha Vidic and Christie Demosthenous, [demosthe@uwosh.edu](mailto:demosthe@uwosh.edu),  
Harrington 207, 424-3154 (see lab syllabus for office hours)

**Laboratory Location:** Harrington 103

**Course website:** see D2L (<https://uwosh.courses.wisconsin.edu>)

**REQUIRED TEXTS:**

*Lectures: Introduction to Environmental Geology*, 3<sup>rd</sup> Edition, Edward A. Keller

*Labs: Environmental Geology Laboratory Manual*, C. W. Fetter, Jr., revised by M. Muldoon (Fall 2006 edition)

**REQUIRED SUPPLEMENTAL EQUIPMENT:** An Einstruction Classroom Response Pad (CRP) is required for this course. CRP's are sold individually at the bookstore. 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. In order to enroll successfully, you will need our Class Key. **Class key will be posted on D2L site.**

**ATTENDANCE:** Lecture and lab attendance is required if you wish to do well in the course. Lectures will include in-class exercises designed to get you to critically think about geology topics. These exercises will count towards your grade and will require a Classroom Response Pad (see above). No make-ups allowed. It is your responsibility to attend lecture and complete the reading assignment before coming to class. There are many reasons to complete the reading assignment prior to the lecture. Attendance of laboratory sections is mandatory.

**LAB:** Lab attendance is required. Each week's laboratory exercise is due at the end of your lab session. Four, non-comprehensive lab exams will be given. They will be a mixture of objective and short essay questions. Your score for laboratory will be the average of your scores on exams (80% of lab grade) plus an additional 20% based on completeness of lab exercises.

**EXAMS/ASSIGNMENTS:** There will be four equally weighted and computer scored multiple choice exams. **Please bring a #2 pencil and your student ID to each exam.** Please see me at least one week in advance if you need special accommodations for the exams. No make-up exams will be given unless: 1) the student contacts me *prior* to the exam and provides a valid reason for missing the scheduled exam or 2) the student produces (in a timely manner) a signed doctor's note verifying his/her illness. Note: These dates should not be considered final and are subject to change.

**Exam 1            Monday, October 2 (Chapters 1, 2, 3 and Appendix D)**

**Exam 2            Friday, October 27 (Chapters 18, 4, 5, 6)**

**Exam 3            Monday, November 20 (Chapters 7, 8, 15, 11, 12)**

**Exam 4            Friday, December 15 (Chapters 14, 13, 16, 19)**

An optional review session will be held before each examination (announced in class and on D2L).

**SPECIAL NEEDS:** 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 [www.uwosh.edu/dean/disabilities.htm](http://www.uwosh.edu/dean/disabilities.htm) for the University's accommodation request form and requirements.

**GRADING:** Overall the  $\sim\frac{2}{3}$  of the course grade points are earned from the lecture portion of the course and  $\sim\frac{1}{3}$  of your course grade from the lab section. ). **Note: you must pass the lab (lab grade >60%) in order to pass the course.** The final letter grade will be assigned according to the grading table I will post on D2L site. 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.

**ACADEMIC DISHONESTY:**

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 2001-2002 for definitions of academic misconduct and details about procedures, sanctions, and other relevant information.

**TENTATIVE COURSE SCHEDULE:**

D2L site should reflect any course schedule changes.

<b>Week Beginning</b>	<b>Reading Assignment</b>
Sept. 4	Chapter 1 (Fundamental concepts, the scientific method, and our place in space) No lab.
Sept. 11	Chapter 3 (Atoms, minerals, and rocks); Lab: Minerals
Sept. 18	Chapter 3 & Chapter 2 (Rocks, Internal structure of the Earth and plate tectonics) Lab: Rocks
Sept. 25	Chapter 2 (Plate tectonics). Chapter 18. <b>Lab: Exam 1;</b> Fox river sampling.
Oct. 2	<b>Mon, 10/02 EXAM 1: Chapters 1,2,3, App. D.</b> Chapter 18 (Glaciers and global climate change). Lab: Water chemistry.
Oct. 9	Chapters 4, 5 (Natural Hazards, Earthquake mechanics). Lab: Local fieldtrip.
Oct. 16	Chapters 5 (Earthquake effects) & Chapter 6 (Volcanoes). <b>Lab: EXAM 2</b> + construction of topographic maps.
Oct. 23	Mon. 10/23 Career services presentation (optional). <b>Fri. 10/27 EXAM 2: Chapters 18, 4, 5, 6.</b> Lab: Topographic maps.
Oct. 30	Chapter 7 (Rivers and flooding) & Chapter 8 (Mass wasting, slope stability, and subsidence). Lab: Maps – agricultural.
Nov. 6	Chapter 15: Soils and environment. Lab: <b>EXAM 3</b> + sediment indentif.
Nov. 13	Chapter 11 and 12: Water resources and pollution. Lab: Agricultural soils.
Nov. 20	<b>Mon., 11/20: EXAM 3: Chapters 7, 8, 15, 11, 12.</b> <i>Thanksgiving break.</i>
Nov. 27	Chapter 14 (World energy use and fossil fuels) & Chapter 13 (Mineral resources). Lab: Streams, aquifers and groundwater.
Dec. 4	Chapter 16 (Waste management). <b>Lab: EXAM 4.</b>
Dec. 11	Chapter 19 (Geology, society and the future). <b>Fri, Dec. 15: EXAM 4: Chapters 14,13,16, 19.</b> <i>No labs.</i>