

## ENVIRONMENTAL GEOLOGY LAB SYLLABUS SPRING 2008

**INSTRUCTORS:** *Christie Demosthenous*  
Office: 207 Harrington  
Phone: 424-3154  
Email: [demosthe@uwosh.edu](mailto:demosthe@uwosh.edu)  
Office Hours: *by appointment OR*  
Monday 11:30-12:30  
Tuesday 12:40-2:50  
Friday 11:30-12:30

*Maureen Muldoon*  
Office: 104 Harrington  
Phone: 424-4461  
Email: [muldoon@uwosh.edu](mailto:muldoon@uwosh.edu)  
Office Hours: *by appointment OR*  
Tuesday 11:30-12:30; 4:10-5:10  
Wednesday 10:20-12:30  
Thursday 10:20-12:30

**LOCATION:** 103 Harrington Hall

**REQUIRED TEXT:** *Environmental Geology Laboratory Manual* (Spring 2008 edition) by C. W. Fetter, Jr., revised by M. Muldoon

**ATTENDANCE: Attendance and completion of all lab exercises is mandatory.** In order to receive attendance credit you must 1) complete the lab to the satisfaction of your lab instructor, 2) self-correct the lab using the answer keys provided and 3) show your completed lab to your instructor before leaving class. **Each missed lab may drop your lab attendance grade as much as 20%.** If you cannot attend a lab, please contact your instructor immediately; failure to do so may result in a zero for lab attendance. Because new labs are set up each week, they are difficult to make up if you miss one. Attendance/lab completion is worth 20% of your total lab grade.

**LAB EXAMS:** Four non-comprehensive lab exams will be given. Each exam is worth 20% of your total lab grade. Lab Exams will be a mixture of objective and short answer questions. **If you miss a lab exam due to illness or extenuating circumstances, you MUST contact your instructor by the end of that day. If you do not contact your instructor by the end of the day, you may be given a ZERO. Make-up exams MUST be completed by the end of Monday of the following week. Make-ups due to illness REQUIRE a signed doctor's note.** If you know ahead of time that you will miss a lab exam, contact your instructor before the exam and discuss options at that time.

**GRADES:** Your laboratory grade will be calculated from the average of your attendance and four lab exam grades. Your lab grade will constitute  $\sim\frac{1}{3}$  of your overall course grade (the other  $\frac{2}{3}$  of the course grade is from lecture). **Note: you must pass the lab (lab grade >60%) in order to pass the course.**

**FIELD TRIP:** A mandatory half-day field trip is scheduled for the week of **April 28<sup>th</sup>**. The trip will be run multiple times during the week and you may sign up for the field trip that best fits your schedule. Sign up early to ensure a seat on the field trip of your choice. If you have scheduling conflicts see the instructor no later than the week of April 14<sup>th</sup>. Transportation is by bus. Busses will load 15 minutes before the scheduled departure time, in front of Harrington Hall on Elmwood Ave. The field trip counts for two attendances and will take the place of lab during the week of May 12<sup>th</sup>.

**LAB CLASS SCHEDULE:**

<b>Week Beginning</b>	<b>Laboratory</b>
February 4	<i>No Lab</i>
February 11	A1: Minerals
February 18	A2: Rocks
February 25	<b><u>EXAM 1 on Minerals (A1) &amp; Rocks (A2)</u></b> C1: Construction of a Topographic Map
March 3	C2: Topographic Maps
March 10	C3: Environmental Geology Maps
March 17	<b><u>EXAM 2 on Maps (C1, C2, C3)</u></b> B1: Sediment Identification and Properties
March 24	<i>No Lab – Spring Break</i>
March 31	B2: Agricultural Soils
April 7	D1: Streams & D2: Aquifers & Groundwater
April 14	<b><u>EXAM 3 on Soils (B1, B2); Streams (D1); Aquifers &amp; Groundwater (D2)</u></b> E1: Fox River Sampling ( <i>rain or shine this lab will be outside; please dress appropriately</i> )
April 21	E2: Water Chemistry
April 28	Local Field Trip
May 5	<b><u>EXAM 3 on Water Quality (E1, E2) and Field Trip</u></b>
May 12	<i>No Lab</i>

**LAB SECTION SCHEDULE:**

<b>Section</b>	<b>Day</b>	<b>Time</b>	<b>Instructor</b>
Lab1	Monday	1:50 – 4:00	Christie
Lab2	Tuesday	8:00 – 10:10	Christie
Lab3	Tuesday	10:20 – 12:30	Christie
Lab4	Tuesday	3:00 – 5:10	Christie
Lab5	Wednesday	12:40 – 2:50	Christie
Lab6	Wednesday	3:00 – 5:10	Christie
Lab7	Thursday	8:00 – 10:10	Maureen
Lab8	Thursday	10:20 – 12:30	Christie