

ENVIRONMENTAL GEOLOGY (51-150) LABORATORY
Spring 2009

INSTRUCTORS:

Maureen Muldoon

(Secs 01, 05, 06)

Office: 104 Harrington

Phone: 424-4461

email: muldoon@uwosh.edu

Office Hrs:

M, W, F: 11:30-12:30

Thurs: 12:40-4:00

OR by appointment

Christie Demosthenous

(Secs 02, 03, 04, 08)

Office: 207 Harrington

Phone: 424-3154

email: demosthe@uwosh.edu

Office Hrs:

Tues: 11:30-12:30

Wed: 12:40-2:50

Friday: 12:40-1:40

OR by appointment

Tim Paulsen

(Sec 07)

Office: 306 Harrington

Phone: 424-7002

email: paulsen@uwosh.edu

Office Hrs:

Wed: 12:40-1:40

Thurs: 10:20-11:20

TEXT: Environmental Geology Laboratory Manual (Spring 2009 edition) by C. W. Fetter, Jr., revised by M. Muldoon

ATTENDANCE: Attendance and completion of all lab exercises is required. The bulk of your work will be classroom activities; therefore, attendance is of utmost importance. If you cannot attend a lab, you must contact your instructor *prior to the scheduled lab and arrange a way to make-up the missed lab*. If you must attend a lab section taught by a different instructor, then you must also contact that instructor. Because labs are set up for one week only, they are difficult to make up if you miss one.

LAB EXERCISES: Each week's laboratory exercise is due at the end of your lab session. 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. A completed lab receives a score of 100%, incomplete or missing labs will receive a score of 0%. At the end of the semester, scores of the laboratory exercises will be averaged, and this average will constitute 20% of the laboratory score.

EXAMS: Four, non-comprehensive exams will be given (each worth 30 points toward your overall course grade). They 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. Makeups due to excused absence REQUIRE documentation. 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.

SCORES: Your score for laboratory will be the average of your scores on exams (120 possible points or 80% of lab grade) plus an additional 30 points (or 20% of lab grade) based on completeness of lab exercises. The lab grade will constitute 25% of the course grade (worth a total of 150 points).

FIELD TRIP: A mandatory half-day field trip is scheduled for the week of April 27. The trip will be run multiple times during that 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 April 17. Transportation will be by bus. Buses will load 15 minutes before the scheduled departure time in front of Harrington Hall on Elmwood Avenue; they depart on time. The field trip counts for two attendances and takes the place of the regular lab session during the week of April 27.

SCHEDULE: The schedule for the semester is given below. *Read through all of the material for the lab before coming to lab.* Lectures will be brief and you will be expected to have read the material.

Week Beginning	Laboratory
February 2	No Lab
February 9	A1: Minerals
February 16	A2: Rocks
February 23	EXAM 1: on Minerals (A1) & Rocks (A2) C1 Construction of Contour Map
March 2	C2 Topographic Maps
March 9	C3 Environmental Geology Maps
March 16	EXAM 2: on Maps (C1, C2, C3) B1 Sediment Identification and Properties
March 23	<i>No Lab – Spring Break</i>
March 30	B2 Agricultural Soils
April 6	D1 Stream Processes & D2 Aquifer Properties and Groundwater
April 13	EXAM 3: Soils (B1, B2); Streams (D1); & Groundwater (D2) E1 Introduction to Water Quality & Fox River Sampling
April 20	E2 Water Chemistry
April 27	Field Trip
May 4	EXAM 4: Water Quality (E1,E2) & Field trip
May 11	<i>No Lab – made up for by Field Trip</i>

SCHEDULE OF LABORATORY SECTIONS:

Section	Day	Time	Instructor
1	Monday	3:00 - 5:10	Maureen
2	Tuesday	8:00 - 10:10	Christie
3	Tuesday	12:40 - 2:50	Christie
4	Tuesday	3:00 - 5:10	Christie
5	Wednesday	12:40 - 2:50	Maureen
6	Wednesday	3:00 - 5:10	Maureen
7	Thursday	8:00 - 10:10	Tim
8	Thursday	10:20 - 12:30	Christie

STUDENT'S GRADE ACCOUNTING

LECTURE (450 points)	
Exam 1	/100
Exam 2	/100
Exam 3	/100
Exam 4	/100
Attendance	/50
LAB (150 points)	
Exam 1	/30
Exam 2	/30
Exam 3	/30
Exam 4	/30
Lab Completion	/30
TOTAL	/600