## ENVIRONMENTAL GEOLOGY (51-150) LABORATORY Spring 2013

## **INSTRUCTORS:**

Maureen Muldoon Mary Jo Pankratz Elizabeth Gordon

(Secs 01, 04, 05, 07, 08) (Secs 02, 03) (Sec 06)

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**TEXT:** Environmental Geology Laboratory Manual (Spring 2013 edition) by C. W. Fetter, Jr., revised by M. Muldoon. **Note**: Used, borrowed or shared lab manuals are NOT acceptable.

- ATTENDANCE: The hands-on learning provided by this lab is essential to your understanding of geology, and your overall success in this course. Attendance and completion of all lab exercises are required. Labs are informal and involve working in groups. Rude, disruptive, and disrespectful behavior, such as talking, text messaging, or talking on a cell phone will not be tolerated and will result in a lowered course grade. If you cannot attend a lab, you should contact your instructor prior to the scheduled lab and arrange a way to make-up the missed lab. If you need to attend a lab section taught by a different instructor, then you should 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 22-26. 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 April12. Transportation will be by bus. Buses will load 15 minutes before the scheduled departure time in front of Harrington Hall on Elmwood Avenue. The field trip counts for two lab attendances and takes the place of the regular lab session during the week of April 22.
- 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.

**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	Laboratory		
Jan 28 - February 1	No Lab		
February 4 - 8	A1: Minerals		
February 11 - 15	A2: Rocks		
February 18 - 22	EXAM 1: Minerals (A1) & Rocks (A2) C1 Construction of Contour Map		
Feb 25 - March 1	C2 Topographic Maps		
March 4 - 8	C3 Environmental Geology Maps		
March 11 - 15	EXAM 2: Maps (C1, C2, C3) B1 Sediment Identification and Properties		
March 18 - 22	No Lab – Spring Break		
March 25 - 29	B2 Agricultural Soils		
April 1 - 5	D1 Stream Processes & D2 Aquifer Properties and Groundwater		
April 8 - 12	EXAM 3: Soils (B1, B2); Streams (D1); & Groundwater (D2) E1 Introduction to Water Quality & Fox River Sampling		
April 15 - 19	E2 Water Chemistry		
April 22 - 26	Field Trip		
April 29 - May 3	EXAM 4: Water Quality (E1,E2) & Field trip		
May 6 - 10	No Lab – made up for by Field Trip		

## SCHEDULE OF LABORATORY SECTIONS:

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

## STUDENT'S GRADE ACCOUNTING

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

See Lecture syllabus for grading scale

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.