

**EVOLUTION OF THE EARTH (HISTORICAL GEOLOGY) 5-109, 4 CREDITS, FALL 2006.
LECTURE AND LAB SYLLABUS**

Instructors: Dan Lehrmann, Office: Harrington -315. Office hours: 11:30-1:40 MW; 3:00-5:10 F.
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Texts: Lecture: Prothero and Dott, Evolution of the Earth; 7th ed.
Lab: Frey et. al., Earth History
Supplementary Lab Text: (Available at book store)

Class Hours: Lecture: 1:50-2:50 MWF, Halsey 107.
Lab Section 001: 1:50-4:00 R; Harrington 114
Lab Section 002: 8:00-10:10 F; Harrington 114
Lab Section 003: 10:20-12:30 F; Harrington 114

Course Objectives:

- 1) Learn the history and development of geologic science and fundamental stratigraphic principles. Understand the scientific method and be able to formulate and evaluate multiple working hypotheses.
- 2) Develop a general understanding of sedimentologic, stratigraphic, and paleontologic concepts required to decipher Earth history.
- 3) Gain an understanding of global geologic processes and their impact on shaping of the Earth.
- 4) Learn the basic geological history of the Earth with emphasis on North America. Learn the basic history and evolution of life.

***Summary of Course Schedule:**

<u>Lecture:</u>	<u>Prothero & Dott</u>		<u>Point value</u>
9-6 to 10-5	Chapters 1-5, 7	Exam: 10-4	100
10-6 to 11-1	Chapters 6,8-12	Exam: 11-1	100
11-3 to 12-13	Chapters 13-15	Exam: 12-13	100
Pop-quizzes	10 quizzes	during lecture	50
<u>Lab:</u>	<u>Frey et. al.</u>		
9-6 to 9-22	Chapters 1,2	Quiz: 9-21/22	30
9-21 to 10-13	Chapters 3, 4,6,7	Quiz: 10-12/13	30
11-2 to 11-10	Baraboo	Quiz 11-9/10	60
10-26 to 12-15	Chapters 8-11,13	Quiz: 12-14/15	30
		total:	500

Grading:

Scores will not be curved. Letter grades will be assigned according to the following averages: A (100 - 90 %), A-B (89 - 85 %), B (84 - 80 %); B-C (79 - 75 %), C (74 - 70 %); C-D (69 - 65 %); D (64 - 60 %), F (< 60 %).

Failure to attend lecture or lab regularly will result in assignment of failing grade. Attendance will be kept in lecture via "random" pop-quizzes.

Study Sessions for Lecture Exams:

One hour study sessions (question/ answer) will be held prior to exams.

Make Up Exams:

All make-up exams will be given on Dec 15, tentatively at 5:30 p in Harrington -114.

Field Trip:

A 1 day field trip to **Baraboo and subsequent quiz is a required part of this course** and will count for the equivalent of 2 lab quizzes (60 points). **We will go Sat. November 4th.** Students who are unable to attend the field trip (e.g. physical disability) will be allowed to gain equivalent credit by writing a term paper. Arrangements must be made in advance.

Schedule of lecture topics is found at course web site www.uwosh.edu/faculty_staff/lehrmann/109/109.htm