

OXFORD COLLEGE

Geology 142 - Historical Geology

Spring, 1997

Course Announcements

Instructor: Dr. Stephen W. Henderson

Office: 106 Pierce Hall

Office Phone: 784-8345

Text: Levin, 1996, The Earth Through Time, 5th ed.

Lab Manual: Brice, Levin, and Smith, 1997, Laboratory Studies in Earth History, 6th ed.

Organization: The class will meet for lecture two times each week: Tuesday and Thursday at 11:00 a.m. The laboratory section is from 2:00-5:00 p.m. on Tuesday.

Attendance: All students are expected to attend all scheduled lecture and laboratory sessions. Attendance will be taken. No cuts are allowed in lab. Students who have an unexcused absence in lab will have their final grade reduced 3 points per absence. A student who has three or fewer lecture cuts for the entire semester will receive the addition of two points to the final course average. There are no excused absences. Students having five or more lecture absences will have their final course grade reduced one point per absence starting with the fifth absence.

Grading System: Geology 142 will use the plus-minus grading system. The distribution of grades is as follows:

A	93-100	C+	77-79
A-	90-92	C	73-76
B+	87-89	C-	70-72
B	83-86	D+	67-69
B-	80-82	D	60-66
		F	59 and below

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Evaluation: Lecture work will comprise 55% of your final average. Lab will comprise the remaining 45%. It is broken down as follows.

Weekly Thursday Lecture Quizzes (best 10 of 12)	20%
Lecture Test #1 on 2/13	10%
Lecture Test #2 on 3/25	10%
Final Exam on 5/2	15%
Lab Quizzes (best 8 of 9)	15%
Lab Test on 2/25 in lab	15%
Lab Test on 4/22 in lab	15%

Tentative Lecture Schedule and Reading Assignments:

<u>Day</u>	<u>Topic for the Week</u>	<u>Text Assignment for the Week</u>
Tu 1/14 Th 1/16	Introduction, Basic Principles, and Geologic Time	Chapter 1
Tu 1/21 Th 1/23	Plate Tectonics	Chapter 5
Tu 1/28 Th 1/30		
Tu 2/4 Th 2/6	Sedimentary Rocks and Environments	Chapters 2 and 3
Tu 2/11 Th 2/13	Lecture Test #1	
Tu 2/18 Th 2/20	The Fossil Record	Chapter 4
Tu 2/25 Th 2/27		
Tu 3/4 Th 3/6	Early Paleozoic Geology	Chapter 8
<i>SPRING BREAK SPRING BREAK SPRING BREAK SPRING BREAK</i>		
Tu 3/18 Th 3/20	Late Paleozoic Geology	Chapter 9

Tu 3/25	Lecture Test #2	
Th 3/27	Paleozoic Life	Chapter 10
Tu 4/1		
Th 4/3	Mesozoic Geology	Chapter 11
Tu 4/8		
Th 4/10	Mesozoic Life	Chapter 12
Tu 4/15		
Th 4/17		
Tu 4/22	Cenozoic Geology and Life	Chapters 13 & 14
Th 4/24		
Tu 4/29		

Laboratory Schedule for Geology 142:

<u>Lab Day</u>	<u>Ex. #</u>	<u>Title of Exercise</u>	<u>Quiz at Beginning of Lab?</u>
1/21	6	Sea-Floor Spreading and Plate Tectonics	Yes
1/28	1	Sedimentary Rocks	Yes
2/4	4	Ancient Sedimentary Environments	Yes
2/11	5	Major Tectonic Settings of Earth History	Yes
2/18	7	Age Relations and Unconformity	Yes
2/25		Lab Test #1	---
3/4	10	Fossils: Part 1	Yes
3/18	11	Fossils: Part 2	Yes
3/25	12	Fossil Indicators of Age, Environment, and Correlation	Yes
4/1	13	Geologic Maps and Geologic Structures	Yes
4/8		Field Trip	No

4/15	Fossil Preparation & Review	No
4/22	Lab Test #2	---