

OXFORD COLLEGE

Geology 141 - Physical Geology

Fall 1998

COURSE ANNOUNCEMENTS

Instructor: Dr. Stephen W. Henderson

Office: 106 Pierce Hall

Office Phone: 784-8345

Text: Tarbuck and Lutgens, 1996, The Earth, 5th ed.

Lab Manual: Busch (ed.), 1993, Laboratory Manual in Physical Geology, 4th ed., (AGI/NAGT).

Organization: The class will meet for lecture three times each week: Monday, Wednesday, and Friday at 9:00 or 10:00. There are two laboratory sections that meet from 2:00-5:00 on Monday or 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 absence in lab will have their final course grade reduced three points per absence. Lab quizzes cannot be made up. A student who has four or fewer lecture absences for the entire semester will receive the addition of two points to the final course average. There are no excused absences. Students having six or more lecture absences will have their final course grade reduced one point per absence starting with the sixth absence.

Grading System: Geology 141 will use the plus-minus grading system. The distribution of grades is as follows:

A(4.0) 93-100	C+(2.3) 77-79
A-(3.7) 90-92	C(2.0) 73-76
B+(3.3) 87-89	C-(1.7) 70-72
B(3.0) 83-86	D+(1.3) 67-69
B-(2.7) 80-82	D(1.0) 60-66
F 59 and below	

EMORY UNIVERSITY



050000003484

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

Lecture Test #1 on 09/23	10%
Lecture Test #2 on 10/28	15%
Final Exam	15%
(9:00a.m. section on 12/10, 10:00a.m. section on 12/15)	
Lecture quizzes(best 2 of 3)	15%
Weekly Lab Quizzes (best 9 of 10)	15%
Lab Test on 10/5 or 10/6	15%
Lab Test on 11/30 or 12/1	15%

Tentative Lecture Schedule and Reading Assignments:

<u>Day</u>	<u>Topic for the Week</u>	<u>Text Assignments</u>	<u>Lecture Quiz</u>
W 8/26 F 8/28	Introduction, Basic Principles, and Geologic Time	Chapters 1 & 8	
M 8/31 W 9/2 F 9/4	Plate Tectonics and Mountain Building	Chapter 18 and 20	
W 9/9 F 9/11	Minerals	Chapter 2	YES
M 9/14 W 9/16 F 9/18	Igneous Rocks	Chapter 3	
M 9/21 W 9/23 F 9/25	Volcanism Lecture Test #1	Chapter 4	
M 9/28 W 9/30 F 10/2	Weathering and Sedimentary Rocks	Chapters 5 & 6	
M 10/5 W 10/7 F 10/9	Metamorphic Rocks	Chapter 7	
W 10/14 F 10/16	Rock Deformation	Chapter 15	YES
M 10/19 W 10/21 F 10/23	Groundwater	Chapter 11	
M 10/26 W 10/28	Lecture Test #2		

F 10/30

M 11/2
W 11/4
F 11/6

Glaciers

Chapter 12

M 11/9
W 11/11
F 11/13

Shorelines

Chapter 14

YES

M 11/16
W 11/18
F 11/20

M 11/23

Earthquakes

Chapter 16

M 11/30
W 12/2
F 12/4

Earth's Interior

Chapter 17

M 12/7

Laboratory Schedule for Geology 141:

<u>Meeting</u>	<u>Mon.</u>	<u>Tues.</u>	<u>Exercises</u>	<u>Quiz at END of Lab?</u>
1	8/31	9/1	#6 Dating	Yes
2	9/14	9/15	#2 Minerals	Yes
3	9/21	9/22	#3, 4, & 5 Rocks	Yes (on #3)
4	9/28	9/29	#3, 4, & 5 Rocks	Yes (on #4 & #5)
5	10/5	10/6	Lab test #1	
6	10/19	10/20	#7 Topo Maps	Yes
7	10/26	10/27	#9 Groundwater	Yes
8	11/2	11/3	#10 Glaciation	Yes
9	11/9	11/10	#12 Shorelines	Yes
10	11/16	11/17	#14 Structural Geology	Yes
11	11/23	11/24	#13 Earthquakes and Review	Yes
12	11/30	12/1	Lab Test #2	