

Geology 255 - Historical Geology

<u>Schedule</u>	<u>Reading in Levin</u>
Jan. 3 Introduction - early studies and the time scale	Ch. 1
5 Rocks and Minerals	Ch. 2
7 Sedimentary Environments	Ch. 3
10 Lab 1	
12 Sedimentary Environments	Ch. 3
14 Fossils and the record	Ch. 4
17 No Class - Martin Luther King Day	
19 Plate Tectonics	Ch. 5
21 Plate Tectonics	Ch. 5
24 Lab 2	
26 Exam I	
28 Hadean and Archean	Ch. 6
31 Lab 3	
Feb 2 Paleoproterozoic and Mesoproterozoic	Ch. 7
4 The Belt Basin	---
7 Lab 4	
9 Neoproterozoic and Snowball Earth	Ch. 7
11 Early Paleozoic	Ch. 8 and (Ch. 10)
14 Lab 5	
16 Middle Paleozoic	finish Ch. 8; start Ch. 9 (Ch. 10)
18 Permo-Triassic (El Capitan and the Extinction)	finish Ch. 9 (Ch. 10)
21 Lab 6	
23 Exam II	
25 Early Mesozoic	Ch. 11 & 12
28 Lab 7	
Mar 2 Cretaceous and K/T boundary	Ch. 11 & 12
4 Paleogene	Ch. 13 & 14
7 Final lab exam	
9 Neogene	Ch. 13 & 14
11 Hominids/Holocene	Ch. 15

Final Lecture Exam: Wednesday March 16 at 8:10 a.m.

Textbook (required):

Levin, Harold L., 2003, *The Earth Through Time*, Seventh Edition, John Wiley & Sons.

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Office Hours: Tuesday 1: 30 p.m. to 2:30 p.m., Friday 2 p.m. to 3 p.m. and by appointment.

Grading breakdown:

Exam 1	20%
Exam 2	20%
Laboratory Exercises	10%
Lab Final Exam	15%
Other exercises	5%
Final exam	30% (covers <u>all</u> lecture material)

Examinations will emphasize material covered in lecture. Most of that material is also covered in the book.

Cheating will not be tolerated. Such academic misconduct may result in a failing course grade and possible submission to the Ohio University judicial board.

Attendance policy: Attendance will not be taken in class. However, students are warned that illustrations and discussion of some topics will often reach beyond the material covered in the text. Students missing this classroom coverage will be at a disadvantage on examinations. Lecture material will be emphasized on examinations.

Exams are made up of multiple-choice and true-false questions. I will make sample exams available as exam dates approach. Exams will consist of a blend of multiple choice questions, true-false questions, fill in the blanks as well as questions in which you may be asked to write short essays or make sketches.

If you miss an exam, a make up is likely to entirely essay questions.

Be warned! The old exams give the style of questions, but I never give the same exam twice.