

GEOL 1403 Physical Geology – Sect. A7 Fall Semester, 2009
 Lecture: Monday/Wednesday 1:25 – 2:40 PM Rm 214
 Laboratory: Friday 9:10 – 11:50 PM Rm 215

TENTATIVE SCHEDULE

	Lecture Topic	Reading Assignment	Lab Exercise
<u>WEEK 1</u>			
Aug 31	Class Organization		
Sept 2	Intro to Geology	EARTH, Ch. 1, p 2-33	
Sept 4	Plate Tectonics	EARTH, Ch. 2, p 36-69	Lab 1, Plate Tectonics
<u>WEEK 2</u>			
Sept 7	Minerals & Matter	EARTH, Ch. 3, p 72-99	
Sept 9	Minerals & Matter	EARTH, Ch. 3, p 72-99	
Sept 11			Lab 2, Mineral Properties Lab 3, Mineral Identification
<u>WEEK 3</u>			
Sept 14	Igneous Rocks	EARTH, Ch. 4, p 102-123	
Sept 16	Volcanoes	EARTH, Ch 5, p 126-163	
Sept 18			Lab 4, Igneous Rocks Lab 5, Rock & Mineral Review
<u>WEEK 4</u>			
Sept 21	EXAM #1	Chapters 1- 5	
Sept 23	Weathering & Mass Wasting	EARTH Ch 6 EARTH, Ch15	
Sept 25			Lab 6 Paleoenvironments
<u>WEEK 5</u>			
Sept 28	Sedimentary Rocks	EARTH, Ch 7, p 194-219	
Sept 30	Metamorphic Rocks	EARTH, Ch 8, p. 221-245	
Oct 2			Lab 7, Sedimentary Rocks Lab 8, Metamorphic Rocks
<u>WEEK 6</u>			
Oct 5	Metamorphic Rocks	EARTH, Ch 8, p. 221-245	
Oct 7	Crustal Deformation	EARTH, Ch 10, p 274-293	
Oct 9			Lab 9, Rock & Mineral Review Lab Quiz #1
<u>WEEK 7</u>			
Oct 12	EXAM #2	Chapters 6 – 8 + 10 + 15	
Oct 14	Geologic Time I	EARTH, Ch 9, p 248 - 271	
Oct 16			Lab 10, Geologic Structures Lab 11, Geologic Time

WEEK 8

Oct 19 Geologic Time II EARTH, Ch 9, p 248 - 271
Oct 21 Earthquakes EARTH, Ch 11, p 296-323
Oct 23

Lab 12, Geologic Time
Lab 13, Earthquake Hazards

WEEK 9

Oct 26 Earth's Interior EARTH, Ch 12, p 326-347
Oct 28 Divergent Boundaries EARTH, Ch 13, p 350-375
Oct 30

Lab 14, Topographic Maps 1
Lab 15, Topographic Maps 2

WEEK 10

Nov 2 **EXAM #3** **Chapters 9 + 11-13**
Nov 4 Convergent Boundaries EARTH, Ch 14, p 414-443
Nov 6

Lab 16, Topographic Maps 3

WEEK 11

Nov 9 Planetary Geology EARTH, Ch 24, p 655-681
Nov 11 Running Water EARTH, Ch 16, p 466-501
Nov 13

Lab 17, Topographic Maps 4
Lab 18, Stream Processes

WEEK 12

Nov 16 Groundwater EARTH, Ch 17, p 502-529
Nov 18 Glaciers EARTH, Ch 18, p 530-565
Nov 20

Lab 19, Groundwater
Lab 20, Glaciers

WEEK 13

Nov 23 **EXAM #4** **Chapters 14 + 16-18 + 24**
Nov 25 **THANKSGIVING**
Nov 27 **THANKSGIVING**

WEEK 14

Nov 30 Deserts EARTH, Ch 19, p 566-589
Dec 2 Shorelines EARTH, Ch 20, p 590-621
Dec 4

Lab 21, Deserts
Lab 22, Shorelines

WEEK 15

Dec 7 **Lab Quiz #2** Labs 10 - 22
Dec 9 Earth Evolution EARTH, Ch 22, p 595-625
Dec 11 **Finals week begins**

FINAL EXAM IS SCHEDULED FOR MONDAY, Dec 14, 12:45 – 2:45 *

The Final Exam will consist of two parts, each with a value of 100 points

One part will consist of question bearing on Chapters 19 – 20 +22

One part will be a comprehensive review of Chapters 1 - 18 + 24

IMPORTANT DATES

Sept 4 – Last day to register for class

Sept 15 – Official Census Day

Nov. 20 – Last day to drop with a (W)

Nov 25-27- Thanksgiving Break

Dec 11-16 – Final Exams

Dec 17 – Grades are due at 5:00