

GEOL 1403 Physical Geology – Sect. A9 Fall Semester, 2009

Lecture: Monday/Wednesday 5:40 – 6:55 PM Rm 215

Laboratory: Monday/Wednesday 7:05 – 8:20 PM Rm 215

TENTATIVE SCHEDULE

	Lecture Topic	Reading Assignment	Lab Exercise
<u>WEEK 1</u>			
Aug 31	Intro to Geology	EARTH, Ch. 1, p 2-33	Lab 1. Rock Cycle
Sept 2	Plate Tectonics	EARTH, Ch. 2, p 36-69	Lab 2, Plate Tectonics
<u>WEEK 2</u>			
Sept 7	Minerals & Matter	EARTH, Ch. 3, p 72-99	Lab 3, Mineral Properties
Sept 9	Minerals & Matter	EARTH, Ch. 3, p 72-99	Lab 4, Mineral Identification
<u>WEEK 3</u>			
Sept 14	Igneous Rocks	EARTH, Ch. 4, p 102-123	Lab 5, Igneous Rocks
Sept 16	Volcanoes	EARTH, Ch 5, p 126-163	Lab 6, Rock & Mineral Review
<u>WEEK 4</u>			
Sept 21	EXAM #1	Chapters 1- 5	
Sept 23	Weathering & Mass Wasting	EARTH Ch 6 EARTH, Ch15	Lab 7 Paleoenvironments
<u>WEEK 5</u>			
Sept 28	Sedimentary Rocks	EARTH, Ch 7, p 194-219	Lab 8, Sedimentary Rocks
Sept 30	Metamorphic Rocks	EARTH, Ch 8, p. 221-245	Lab 9, Metamorphic Rocks
<u>WEEK 6</u>			
Oct 5	Metamorphic Rocks	EARTH, Ch 8, p. 221-245	Lab 10, Rock & Mineral Review
Oct 7	Crustal Deformation	EARTH, Ch 10, p 274-293	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	Lab 11, Geologic Structures
<u>WEEK 8</u>			
Oct 19	Geologic Time II	EARTH, Ch 9, p 248 - 271	Lab 12, Geologic Time
Oct 21	Earthquakes	EARTH, Ch 11, p 296-323	Lab 13, Earthquake Hazards

WEEK 9

Oct 26	Earth's Interior	EARTH, Ch 12, p 326-347	Lab 14, Isostasy
Oct 28	Divergent Boundaries	EARTH, Ch 13, p 350-375	Lab 15, Topographic Maps 1

WEEK 10

Nov 2	EXAM #3	Chapters 9 + 11-13	
Nov 4	Convergent Boundaries	EARTH, Ch 14, p 414-443	Lab 15, Topographic Maps 2

WEEK 11

Nov 9	Planetary Geology	EARTH, Ch 24, p 655-681	Lab 16, Topographic Maps 3
Nov 11	Earth Evolution	EARTH, Ch 22, p 595-625	Lab Quiz #2

WEEK 12

Nov 16	Running Water	EARTH, Ch 16, p 466-501	Lab 18, Stream Processes
Nov 18	Groundwater	EARTH, Ch 17, p 502-529	Lab 19, Groundwater

WEEK 13

Nov 23	EXAM #4	Chapters 14 + 16-17 +22 + 24	
Nov 25		<u>THANKSGIVING</u>	

WEEK 14

Nov 30	Glaciers	EARTH, Ch 18, p 530-565	Lab 20, Glacial Processes
Dec 2	Deserts	EARTH, Ch 19, p 566-589	Lab 21, Dryland Landforms

WEEK 15

Dec 7	Shorelines	EARTH, Ch 20, p 590-621	Lab 22, Coastal Processes
Dec 9	Climatic Change	EARTH, Ch 21, p 568-593	Lab Quiz #3
Dec 11	Finals week begins		

FINAL EXAM IS SCHEDULED FOR FRIDAY, Dec 11, 5:30 – 7:30 *
The Final Exam will consist of two parts, each with a value of 100 points
One part will consist of question bearing on Chapters 18 - 21
One part will be a comprehensive review of Chapters 1 - 17 + 22

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