

GEOLOGY 103, Fall 2011. Instructor: V. Price

The following information is provided as a guide only. I will try to keep the test dates and material as indicated.

Class Dates	Book	Chapter Numbers
	Materials	
18-Aug	Ch1	Intro OSiAlFeCaNaKMg
23	Ch1-2	Minerals
25-Aug		Rocks
30		Gravity and Magnetism
	Internal Processes	
1-Sep	VP out	TEST 1 1,2,3
6-Sep		Plate Tectonics Isostasy
8-Sep		Earthquakes
13-Sep		Volcanoes
15-Sep		TEST 2 3,4,5
20-Sep	Surface Processes	Weathering, Erosion, Transportation, Deposition
22-Sep		Streams and flooding Stream hydrographs - usgs
27-Sep		Coastal Processes
29-Sep		Mass movements
4-Oct		TEST 6,7,8
6-Oct		Ice, Glaciers, Wind, Deserts
11-Oct		Climate and Climate change
13-Oct		Soil
18-Oct		TEST 9,10
20-Oct	21-22fall break	
25-Oct	Chapter 11	Water resources Hydrologic Cycle and budget
27-Oct		Darcy, Hubbert, Salt-Water intrusion - Savannah and Readings, Tucson
1-Nov		Pollution and monitoring - old-fashioned public health issues
3-Nov		Mineral Resources Essential materials
8-Nov		
10-Nov		Energy Resources
15-Nov		Atomic Energy
17-Nov		
22-Nov		TEST 11,13,14,15
24-Nov	Thanksgiving break	
29-Nov		Environmental Geophysics
1-Dec	Last Class	
6-Dec		EXAM All
8-Dec		

All tests may include supplemental material from "Webgeology."

There will assigned readings on water resources and pollution

Assigned readings will be available via the internet.

Tests and final exam will be weighted equally and count for 75% of the final grade.

Labs will count for 25% of the final grade.

I have two educational objectives:

1. You will learn basics of how earth systems function.
2. You will learn how to use the internet to research important issues such as climate change and mineral resources.