

Geology 106 – Environmental Geology
Schedule – Spring 2009 – MWF

The “Class Reading Assignment” column below refers to your text. The numbers in the “Lab” column below refer to your lab manual. These sections should be read before attending class.

Approximate schedule (subject to revision)

Day	Dates	Topic	Class Reading Assignment	Lab (field labs in bold)
WF	Jan 14-16	Overview, Pre-course assessment Syllabus questions? Minerals and Rocks	CH 1 CH 2	1 Minerals, CH 1
M-F	Jan 19-23	Minerals and Rocks Tectonics	CH 3	2 Igneous, p. 31-39 Morphic, p. 101-104
M-F	Jan 26-30	Volcanoes	CH 5	3 Topographic Maps CH 4**
M-F	Feb 2-6	Earthquakes Streams and Flooding	CH 4 CH 6	4 Geologic Structures, Maps p. 135-143
M-F	Feb 9-13	Test Monday through Earthquakes Streams and Flooding Coastal Zones and Processes	CH 7	5 Sedimentary Rocks CH 3
M-F	Feb 16-20	Coastal Zones and Processes Mass Movement	CH 8	6 Geologic Time P. 119-131
M-F	Feb 23-27	Mass Movement Waste Disposal	p. 372-389	7 Landfill
M-F	Mar 2-6	Test Monday through Mass Movement Water Resources	CH 11	8 Bear Valley Strip Mine
MF	Mar 9-13	Spring Break		
M-F	Mar 16-20	Water Resources Soils and Weathering	CH 12	9 Nippenose Valley – rough map and karst
M-F	Mar 23-27	Mineral and Rock Resources Climate Change	CH 13 CH 10	10 AMD treatment
M-F	Mar 30- Apr 3	Test Monday through Soils/Weathering Climate Change Fossil Fuels	CH 14	11 TBA
M-F	Apr 6-10	Fossil Fuels Alternative Energy	CH 15	12 Geology and Stream Chemistry
M-F	Apr 13-17	Alternative Energy Water Pollution		13 Water/Wastewater Treatment, Text p. 388-392
M-F	Apr 20-24	Test Monday through Alt Energy Water Pollution Air Pollution	CH 18	14 Revise labs 10, 12 during lab time
M	Apr 27	Air Pollution		
		Final Exam TBA		

**Skip sections on PLS, GPS, UTM, Compass bearings.

Comprehensive Final Exam time and location to be announced by the registrar. As per university policy, the final exam must be offered only at the time designated by the registrar.