

**Geology 106 – Environmental Geology
Schedule – Spring 2009 - TTh**

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)
Th	Jan 15	Introductions; Overview Minerals and Rocks	CH 1 CH 2	1 Minerals, CH 1
T, Th	Jan 20-22	Minerals and Rocks Tectonics	CH 3	2 Igneous p. 31-39 Metamorphic p. 101-104
T, Th	Jan 27-29	Volcanoes	CH 5	3 Topographic Maps CH 4**
T, Th	Feb 3-5	Earthquakes Streams and Flooding	CH 4 CH 6	4 Geologic Structures, Maps p. 135-143
T, Th	Feb 10-12	Streams and Flooding Test Thursday through Earthquakes Coastal Zones and Processes	CH 7	5 Sedimentary Rocks CH 3
T, Th	Feb 17-19	Coastal Zones and Processes Mass Movement	CH 8	6 Geologic Time p. 119-131
T, Th	Feb 24-26	Mass Movement Waste Disposal	p. 372-389	7 Landfill
T, Th	Mar 3-5	Water Resources Test Thursday through Mass Movement continue Water Resources	CH 11	8 Bear Valley Strip Mine
MF	Mar 9-13	Spring Break		
T, Th	Mar 17-19	Water Resources Soils and Weathering	CH 12	9 Nippenose Valley – rough map and karst
T, Th	Mar 24-26	Mineral and Rock Resources Climate Change	CH 13 CH 10	10 AMD treatment
T, Th	Mar 31- Apr 2	Climate Change Test Thursday through Min'l & Rock Res Fossil Fuels	CH 14	11 TBA
T, Th	Apr 7-9	Fossil Fuels Alternative Energy	CH 15	12 Geology and Stream Chemistry
T, Th	Apr 14-16	Alternative Energy Water Pollution		13 Water/Wastewater Treatment; Text p. 388-392
T, Th	Apr 21-23	Water Pollution Test Thursday through Alt Energy		14 Revise lab 10, 12 during lab time
T	Apr 28	Air Pollution	CH 18	
		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.