

# Geology 101

Winter Semester 1999  
10-10:50 PM, MWF  
C215 ESC

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**Text:** Earth's Dynamic Systems, Christiansen and Hamblin, 8<sup>th</sup> edition

**Office hours:** 11-11:50, MWF

Electronic version of class notes: <http://geologyindy.byu.edu/geo101/notes.htm>

<b>date</b>	<b>topic</b>	<b>reading</b>
1/4	-introduction to the course, science of geology	chpt. 1
1/6	-structure of the earth's interior -earth's exterior	chpt. 1
1/8	-heat exchange and the dynamic planet	chpt. 2
1/11	-hydrologic system	chpt. 2
1/13	-tectonic system	chpt. 2
1/15	-minerals, the building blocks of rocks; rocks, the building blocks of earth	chpt. 3
<b>1/18</b>	<b>Martin Luther King Holiday--NO CLASS</b>	
1/20	-minerals, the building blocks of rocks; rocks, the building blocks of earth	chpt. 3
1/22	-igneous rocks	chpt. 4
1/25	-igneous rocks	chpt. 4
1/27	-sedimentary rocks	chpt. 5
1/29	-sedimentary rocks, metamorphic rocks	chpt. 5, 6
2/1	-metamorphic rocks	chpt. 6
2/3	<b>-exam 1 review</b>	
2/5	-structural geology	chpt. 7
2/8	-structural geology	chpt. 7
2/10	-geologic time	chpt. 8
2/12	-geologic time	chpt. 8
<b>2/15</b>	<b>President's Day--NO CLASS</b>	
2/16	-seismicity and plate tectonics <b>Monday Instruction Day</b>	chpt. 18
2/17	-plate tectonics revisited; the context for understanding our planet	chpt. 17