

MSU - Physical Geology - GEOS 1134 - Fall 2010**8:00-8:50 MWF Bolin 100**

Week	Date	Topic	Tarbuck	Lab topic	Lab
1	8/23	Introduction to the class		Minerals	1
	8/25	Introduction to science	Ch. 1		
	8/27	Introduction to geology			
2	8/30	I feel the earth move...(plate tectonics)	Ch. 2	Rock-forming processes	2
	9/1	Buiding blocks (minerals)	Ch. 3		
	9/3	Buiding blocks (minerals)			
3	9/8	Buiding blocks (minerals)		No lab this week	
	9/10	Hot Rocks (igneous)	Ch. 4		
4	9/13	Hot Rocks (igneous)		Igneous and volcanoes	3
	9/15	Baking (volcanoes and intrusions)	Ch. 5		
	9/17	Baking (volcanoes and intrusions)			
5	9/20	Exposure (Weathering)	Ch. 6	Sed rocks and processes	4
	9/22	The dirt on soil			
	9/24	Exam I			
	9/27	Cold Rocks (sedimentary)	Ch. 7	Metamorphic rocks	5
	9/29	Cold Rocks (sedimentary)			
	10/1	Warm Rocks (metamorphic)	Ch. 8		
6	10/4	Warm Rocks (metamorphic)		Streams and landscapes	6
	10/6	Deep time	Ch. 9		
	10/8	Deep time			
7	10/11	Deformation	Ch. 10	Dating	7
	10/13	Deformation			
	10/15	Shaking (earthquakes)	Ch. 11		
8	10/18	Shaking (earthquakes)		Maps and images	8
	10/20	Deep Earth	Ch. 12		
	10/22	Deep Earth Take 2			
9	10/25	Breaking up (divergence)	Ch. 13	Groundwater	9
	10/27	Smashing up (convergence)	Ch. 14		
	10/29	Smashing up (convergence)			
10	11/1	Exam 2		Earthquakes	10
	11/3	Washing up (hydrosphere)	Ch. 16		
	11/5	Washing up (hydrosphere)			
11	11/8	As the days go by...(groundwater)	Ch. 17	Structures and map	11
	11/10	As the days go by...(groundwater)			
	11/12	Deep freeze (glaciation)	Ch. 18		
12	11/15	Dry, drier, driest (deserts and aeolean)	Ch. 19	Lab exam	
	11/17	Day at the beach (shorelines)	Ch. 20		
	11/19	Black gold (energy)	Ch. 21		
13	11/22	Black gold (energy)			
14	11/29	To boldy go...(planetary)	Ch. 22		
	12/1	Whole-earth			
	12/3	Whole-earth			
12/8 Final exam 8-10AM					