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Fall 9-1-2000

### GEOL 100.02: Introduction to Geology

Ian M. Lange

*The University Of Montana*

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# GEOLOGY 100 - FALL 2000 - TENTATIVE SCHEDULE

INSTRUCTOR - IAN M. LANGE (SC 367, tel # 4024, e-mail gardener@selway.umt.edu)

Office Hours - Monday and Wednesday 10- 11 AM and by appointment

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DATE	LECTURE TOPIC	READING
9/6	Introduction, the Earth in space	Ch. 1, 22
9/11	First look at plate tectonics	Ch. 2
9/13	Matter and Minerals	Ch. 3
9/18	Igneous Rocks	Ch. 4
9/20	Volcanoes and Plutons	Ch. 5
9/25	Weathering	Ch. 6
9/27	Soils	Ch. 6
10/2	Sedimentary Rocks	Ch. 7
10/4	Metamorphic Rocks	Ch. 8
10/9	Geologic Time	Ch. 9
10/11	Midterm Exam I	Exam will emphasize previous lectures and chapters
10/16	Earthquakes	Ch. 10
NOTE 10/16 IS THE LAST DAY TO ADD/DROP CLASSES		
10/18	Earth Structure	Ch. 10
10/23	Ocean Basins	Ch. 11
10/25	Ocean Basins	Ch. 11
10/30	Geologic Structures	Ch. 12
11/1	Mountain Ranges	Ch. 12
11/6	Structure of North America	Ch. 21
11/8	Midterm Exam II	Exam will emphasize lectures and chapters since Exam 1
11/13	Mass Wasting	Ch. 13
11/15	Streams	Ch. 14
11/20	Groundwater	Ch. 15
11/22	T.G. Travel Day	
11/27	Groundwater	Ch. 15
11/29	Deserts	Ch. 16
12/4	Glaciers	Ch. 17
12/6	Glaciers and Ice Age Causes	Ch. 17, 20
12/11	Coastlines	Ch. 18
12/13	Geologic Resources	Ch. 19
12/21	FINAL EXAM 8-10 AM. Note that the UM regulations forbids early final exams.	

TEXT: Modern Physical Geology by Thompson and Turk. Sample exams will be housed in the library under 2 hour closed reserve