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# GEOL 100.01: General Geology

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*University of Montana - Missoula*

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# General Geology

## Geology 100

Instructor: Derek Sjostrom  
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Lecture: Monday and Wednesday, 9:10-10:00; Science Complex 131.

Office hours: Tuesday, 10:00-11:00; Friday, 11:00-12:00

### Grading:

**Two mid-term exams @ 30% each = 60%**

**Comprehensive Final Exam= 40%**

Sample exams will be available in the Mansfield library on 2 hour reserve.

Please plan to take the exams on time. **Because this is a large class it is not possible to provide make-up exams. Please also be aware that the University forbids early final exams, so make your travel plans accordingly.**

Textbook: **Modern Physical Geology, 2<sup>nd</sup> Edition** by Thompson and Turk.

You are expected to read the assigned chapters before class. A copy of the textbook is on reserve at the Mansfield Library.

This class will (hopefully) have a web page soon! I will announce in class when it is up and running.

### List of Topics and Reading Assignments

<b>Date</b>	<b>Lecture Topic</b>	<b>Reading</b>
9/4	Introduction and the Earth in space	Chapter 1, 22
9/9	Plate Tectonics	Chapter 2
9/11	Matter and Minerals	Chapter 3
9/16	Igneous Rocks	Chapter 4
9/18	Volcanoes and intrusive rocks	Chapter 5
9/23	Weathering and soils	Chapter 6
<b>LAST DAY TO DROP/ADD BY DIAL BEAR</b>		
9/25	Soils (continued)	Chapter 6

<b>Date</b>	<b>Lecture Topic</b>	<b>Reading</b>
9/30	Sedimentary Rocks	Chapter 7
10/2	Geologic Time	Chapter 9
10/7	Earthquakes	Chapter 10
<b>10/9</b>	<b>EXAM 1</b>	<b>Exam will emphasize previous lectures and readings</b>
<b>10/14 IS THE LAST DAY TO ADD OR DROP CLASSES</b>		
10/14	Earthquakes (continued)	Chapter 10
10/16	Earth Structure	Chapter 10
10/21	Ocean Basins	Chapter 11
10/23	Ocean Basins (continued)	Chapter 11
10/28	Geologic Structures	Chapter 12
10/30	Mass Wasting	Chapter 13
11/4	Streams	Chapter 14
<b>11/6</b>	<b>EXAM 2</b>	<b>Exam will emphasize material since exam 1</b>
<b>11/11</b>	<b>NO CLASS—VETERANS DAY</b>	
11/13	Streams (continued)	Chapter 14
11/18	Groundwater	Chapter 15
11/20	Groundwater (continued)	Chapter 15
11/25	Deserts	Chapter 16
<b>11/27</b>	<b>NO CLASS--THANKSGIVING</b>	
12/2	Coastlines	Chapter 18
12/4	Glaciers	Chapter 17
12/9	Ice Ages and Climate Change	Chapters 17, 20
12/11	Geologic Resources	Chapter 19

**FINAL EXAM IS COMPREHENSIVE!!**