

**GEOLOGY 110 Lab –PHYSICAL GEOLOGY**  
**Fall, 2011**

**Professor:** Dr. L. Scott Eaton

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**Office:** Memorial Hall, 7100C

**Office Hours:** M,W: 11:00-12:00, Th: 9:00-10:00,  
or by arrangement

**Course Web Site:** <http://csmres.jmu.edu/geollab/eaton/web/eaton.htm>

**Lab Meeting Times:** Section 7: Monday, 14:30-16:20  
Section 8: Wednesday, 14:30-16:20

**Grading Structure:**

Homework & Quizzes: 50%

Lab Exams (2): 50%

*\*\*Extra credit assignments will not be available\*\**

**Text:** *Physical Geology Lab Manual, GEOL 110, James Madison University, Spring 2011*  
(*GEOS, the prentice hall custom laboratory program for the earth sciences*)

**Course Policies:**

All assignments are due by the beginning of the period of the day scheduled.

Late assignments are accepted but penalized.

- ◆ Minus 10% per day for up to 4 days
- ◆ After 4 days, no late assignments will be accepted

Quizzes will be given at the beginning of the lab. A missed quiz will be given a grade of zero unless there are extenuating circumstances.

If you know you will be missing a lab, you are responsible to make up the material on your own. You may be allowed to attend another lab section; however, check with the lab instructor before attending another section.

There will be review times posted during which student assistants will be available to help.

Quizzes and exams and homework will not be “curved”.

The final point/percentage grade submitted to your instructor will not be “curved”.

### Tentative Lab Schedule

Week	Date	Topic	Chapter and Pages in Lab Manual
1	29/31 Aug	Overview of lab & Introduction to Google Earth	Handout
2	5/7 Sept	Physical Properties of Minerals	Chapter 1
3	12/14 Sept	Earth Materials: Minerals	Chapter 1
4	19/21 Sept	Earth Materials: Igneous Rocks	Chapter 2
5	26/28 Sept	Earth Materials: Sedimentary Rocks	Chapter 3
6	3/5 Oct	Earth Materials: Metamorphic Rocks & Mixed Rocks Review	Chapter 4; (Chapters 1-5)
7	10/12 Oct	<b>Lab Exam #1: Rocks and Minerals</b>	Review session times will be announced
8	17/19 Oct	Topographic Maps	Chapters 6, 7, & 8
9	24/26 Oct	GPS and Plate Tectonics	Chapter 9
10	31/2 Oct/Nov	Geologic Structures	Chapter 10
11	7/9 Nov	Geologic Maps	Chapter 10 and Handouts
12	14/16 Nov	Geologic History	Chapter 11
13	21/23 Nov	<b>Thanksgiving Break</b>	<b>No class</b>
14	28/30 Nov	Landforms using Google Earth	Handout
15	5/7 Dec	<b>Lab Exam #2</b>	Review session times will be announced
16	13/15 Dec	Labs do not meet	