

Florida International University
Department of Earth and Environment

GLY 1010L Fall 2009

Introduction to Earth Sciences Lab

Required Lab Manual: Owen, Pirie, & Draper: EARTH LAB Exploring the Earth Sciences
(DO NOT BUY USED LAB BOOK)

Week		Topic	Chapter in Lab Manual
1	Aug 24-28	Introduction	
2	Aug 31-Sept.4	Physical properties of minerals	1
	Sept 7, Monday	<i>Labor Day Holiday (University closed)</i>	
3	Sept 8-11	Rock-forming minerals	2
4	Sept 14-18	Quiz 1: Minerals Igneous rocks	3
5	Sept 21-25	Quiz 2: Igneous rocks Sedimentary rocks	4
6	Sept 28- Oct. 2	Metamorphic rocks	5
7	Oct 5-9	Quiz 3: Sed. and meta. rocks Introduction to maps	6
8	Oct 12-16	Topographic maps	7
9	Oct 19-23	Quiz 4: Maps Geologic time and history	9
10	Oct 26-30	Geologic structures and maps	8 and 10
11	Nov 2-6	Quiz 5: Geotime and structure Earthquakes	11
12	Nov 9-13	Earth structure and plate tectonics	12
	Nov 11, Wednesday	<i>Veterans' Day Holiday (University closed)</i>	
13	Nov 16-20	Quiz 6: Earthquakes and Plate tectonics Groundwater	15
14	Nov 23-27	<i>No Lab this week – Thanksgiving Holiday</i>	
15	Nov 30- Dec 4	Quiz 7: Groundwater Oceans and shorelines	16

Supplemental labs notes are posted on the FIU Earth Science Website as a PDF file. They may be downloaded from: <http://www.fiu.edu/orgs/geology/geolab/labnotes.pdf>

1. ATTENDANCE IS MANDATORY. There is no opportunity to make-up missed lab work. If you miss one lab, you miss material that you will be quizzed on, and you may also miss a quiz on the day you are absent. **Labs start on time.** If you leave before the conclusion of the lab you will receive partial or zero credit. Students are responsible for ALL class-related work regardless of attendance.
2. Complete lab exercises independently during lab. When asked to work on a team, each team member is to think independently to complete the assignment in his/her own words in his/her own lab manual. To receive full credit you are expected to bring your lab manual to lab. Lab exercises will be evaluated at the end of each lab. **Lab assignments cannot be made up or completed outside of class.**
3. There are 7 QUIZZES on material covered in the preceding lab(s). Quizzes are given during the first 30 minutes of 7 labs. Makeup quizzes will be given only under extenuating situations or by prior arrangement with the instructor. Whether or not to permit a makeup quiz is at the discretion of the instructor. The instructor has the option of choosing a different test format for the makeup quiz.
4. If you plan to be absent to observe a religious holiday make arrangements with the Lab Instructor during the first week of class (University policy). Any makeup lab or quiz must be completed latest by end of the week following the religious holiday.
5. Each student will be responsible for lab equipment/materials and for **cleaning up** his/her area.
6. No food or drinks in the lab; cellular phones, etc., must be turned off and out of sight. Any form of cell phone use in the class or any disrespectful behavior will reduce your final grade.
7. If you copy or cheat in any way on any test or assignment, you will fail the assignment and may fail the course.
8. Academic Integrity: Academic dishonesty or disruptive behavior will be reported immediately to the lab manager. Please familiarize yourself with The University's Code of Conduct http://www.fiu.edu/~jms/standards_of_conduct.htm

<u>Approximate lab timetable:</u>	First 30 minutes	Quiz on the 7 Quiz Days
	20 - 30 minutes	Introduction of Lab material
	Body of Lab	Supervised lab exercises
	Last 20 minutes	Review/Evaluation/Clean-up

GRADING POLICY:

The final grade is computed from points earned on quizzes, independent completion of in-class lab assignments, homework, and attendance (total of about 215 points). There is no laboratory final exam. Grades are determined by percentage (cumulative) as follows:

A = 93-100, **A-** = 90-92, **B+** = 87-89, **B** = 83-86, **B-** = 80-82, **C+** = 77-79, **C** = 73-76, **C-** = 70-72, **D+** = 67-69, **D** = 63-66, **D-** = 60-62, **F** = fewer than 60 points.

Attendance, completed labs, home works	13 x 5 = 65	(~ 30 %)
Quizzes	~150	(~ 70 %)