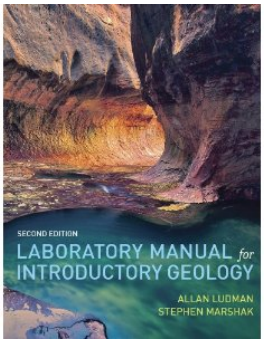
Geology 102L Hybrid - Geology of Planet Earth Lab
Syllabus – Spring 2013



Instructor: Nick Rousseau
Office: LO 1224; (864) 316-8136
Office Hours: M 9:00am - 10:00am, or by appointment
Email: nick.rousseau.84@my.csun.edu

Course Information
Location: EH 2028
Class Day/Time: Monday, 11:00 – 1:45; Class No. 15324
Required Lab Manual: *Laboratory Manual for Introductory Geology*, 2th edition, by Allan Ludman and Stephen Marshak

Last day to drop class through SOLAR: February 1. Last day to drop with hardcopy form and permission of instructor and department chair: February, 8 at 4pm. NO DROPS ARE PERMITTED AFTER THIS DATE.

Course Objective
This course compliments the Geology 101 lecture course; you should be able to apply the concepts learned in the lecture class to the lab exercises. Topics covered within this lab will include: the geologic timescale, rock and mineral identification, plate tectonics, topographic maps, natural resources, and natural hazards.

Course Requirements
This is a hybrid lab class; this means that some labs, as well as supplemental information for the class will be online (Moodle). You must have access to a computer and the internet, and you must check Moodle and your email regularly for updates and communications regarding this class. **Attendance is mandatory for the in class labs; you will not be able to make up a lab, no exceptions**.

Grading
Your grade in this class will be based off of the quality of your completed lab assignments (65%), quizzes (17.5%), final exam (17.5%), attendance, and participation. See grading scale below.

Labs (25 points each - total of 275 points): You are responsible for reading through each lab prior to class. There will be one or two labs per class (see lab schedule below). If two lab activities are assigned on one day, they will be graded as one. In-class labs will be due at the end of each class. If you miss labs you are likely to fail this course. All labs will be completed in groups of 4 to 6 students. One lab will be turned in for each group. If you disagree with any answer(s) the group wishes to submit, you may include your own answer(s) on the lab and will be graded on it separately from your group. A few of the labs are on Moodle; these labs will be due by 11:55pm the day they are scheduled. You may work with your lab partners on Moodle labs; however, each person must submit their own lab on Moodle. Moodle labs will be available beginning no later than 3 days before the class it is due. **There are no make-ups for missed labs** (in class or on Moodle). However, your lowest lab will be dropped.

Quizzes (25 points each - total of 75 points): All quizzes will be on Moodle, they will be available the morning they are scheduled (see Lab Schedule below), and will close at 11:55pm the following day. The quizzes will be cumulative (as indicated on the lab schedule below) and will consist of 10 to 20 questions. You will be allotted 30-45 minutes for each quiz, and you will have 2 attempts. These are open book/note quizzes. **There are no make-ups on quizzes**.

Final Exam (75 points): The final will be a cumulative test on topics covered in this lab and will be on the last day of class.

Grading Scale

A (>92%)	B+ (88-89.9%)	C+ (78-79.9%)	D+ (68-69.9%)	F (<59%)
A- (90-91.9%)	B (82-87.9%)	C (72-77.9%)	D (62-67.9%)	
	B- (80-81.9%)	C- (70-71.9%)	D- (60-61.9%)	

Incompletes "I" will not be given in this class.

Lab Schedule

Date	Lab #	Topic	
January 21		**NO CLASS – MARTIN LUTHER KING JR.**	
January 28	1	Syllabus Review and Class Intro Lab 1 – Setting the Stage for Learning About the Earth	In class
February 4	2	Lab 2 – The Way the Earth Works: Examining Plate Tectonics	In class
February 11	3	Lab 3 – Minerals (& Mineral ID)	In class
February 18	4 & 5	Lab 4 – Minerals, Rocks, and the Rock Cycle Lab 5 – Using Igneous Rocks to Interpret Earth History (Rock ID) ***Quiz 1 - Labs 1, 2, 3, 4, & 5 (on Moodle, Due Feb 22)***	In class lab and quiz on **Moodle**
February 25	6 & 7	Lab 6 – Using Sedimentary Rocks to Interpret Earth History (Rock ID) Lab 7 – Interpreting Metamorphic Rocks (Rock ID)	In class
March 4	17	Lab 17 – Interpreting Geologic History: What Happened and When Did it Happen?	In class
March 11	9	Lab 9 – Working with Topographic Maps	In class
March 18	10 & 12	Lab 10 – Landscapes Formed by Steams Lab 12 - Groundwater as A Landscape Former and Resource ***Quiz 2 - Labs 6, 7, 17, 9, 10, & 12 (on Moodle, Due March 22)***	**Moodle**

March 25	13 & 14	Lab 13 – Processes and Landforms in Arid Environments Lab 14 – Shoreline Landscapes	**Moodle**
April 1		**NO CLASS – CESAR CHAVEZ HOLIDAY WEEK**	
April 8		**NO CLASS – SPRING BREAK!**	
April 15	11	Lab 11 – Glacial Landscapes	**Moodle**
April 22	15	Lab 15 – Interpreting Geologic Structures	In class
April 29	16	Lab 16 – Earthquakes and seismology Review for Final Exam ***Quiz 3 – Labs 11, 13, 14, 15, 16 (on Moodle, Due May 3)***	In class lab and quiz on **Moodle**
May 6		**FINAL EXAM – Lab final is the week prior to University finals**	In class

Additional Course Information

Academic Dishonesty: Cheating will not be tolerated. This includes, but is not limited to cheating, fabrication, facilitating academic dishonesty, plagiarism, and altering your answers after I have graded your work (Please refer to Appendix E of the University Catalog). **If I find any evidence of academic dishonesty, it will result in a failing grade for the class and notification to the Dean of Students, which may result in disciplinary action.**

Attendance and Participation: It is essential that you attend all labs and that you arrive on time. **Lab and quiz make-ups are not allowed.** At the end of the semester, if you fall between grades, I will take your attendance and participation into account.

Class Conduct: The use of cell phones and other electronic devices (iPods, MP3 players, etc…) are not permitted in class. Please do not bring food into the class, you may bring drinks into class, but please be careful. Be respectful of your classmates; refrain from talking while I am addressing the class. If you are disruptive during class, I will ask you to leave, at which point you will turn in what you have completed of your lab whether you are finished or not. This lab will be graded as is and docked a full grade.

Note: This syllabus is subject to change