GEL 105, WINTER 2016
EARTH MATERIALS: IGNEOUS ROCKS

Meeting times
Lectures: Tues. and Thurs. 11:00-11:50, Earth and Physical Sciences 1362
Labs: Tues. and Thurs. 1:10-4:00 pm (section 1) and 4:10-7:00 pm (section 2), EPS 1362

Instructors and Contact Information
Instructor: Sarah Lambart (Office: Earth and Physical Sciences 1205A)
Email: slambart@ucdavis.edu
Office Hours: Tuesdays 11:50-12:50 pm and by appointments

TAs: Allison Rubin (aerubin@ucdavis.edu), Kevin Schrecengost (kschrec@ucdavis.edu)
Office Hours/Location: TBA/ room 1362

Required Material
(1) Winter, J. D., An Introduction to Igneous and Metamorphic Petrology
(2) Laboratory Exercises & Problem Sets – download from Resources folder on SmartSite
(4) A 10x hand lens is essential for this course. If you do not already own one, now is the time to buy one. The bookstore should still carry them, or ask the TAs or instructor for advice on where to find one.

Grading
Midterm Exams I & II 25%
Final Exam 20%
Problem Sets 10%
Figure presentation 5%
Labs/quizzes 25%
Final Project 15%

Exams
First Midterm (lecture/lab) – Thursday, Feb 4 (during lab period)
Second Midterm (lab/lecture) – Tuesday, Feb. 23 (during lab period)
Final Exam – Saturday, March 19 at 10:30 PM, EPS 1362

Problems Sets
You are responsible for completing and submitting for credit solutions to topical problems. There are a total of five problem sets that will be posted under “Resources” on the class SmartSite. They are due at the start of lecture on the due date indicated in the class schedule. You are welcome to turn in your problem set early; however, there will be -25% per day late.
**Figure presentation**
You will have to select a figure in the ppt posted on smartsite (‘figure-textbook.ppt’). These figures are from your textbook. Starting week 2, at the beginning of each lecture, I will ask one or two volunteers to present a figure of their choice in front of your classmates. Each presentation will only be one or two minute long. The same figure cannot be presented twice so the first volunteers will have more choices than the last ones. The goal of this exercise is (1) to train you to speak in front of a public and (2) to train you to correctly present a figure during a talk.

**Laboratory**
The laboratory sessions meet twice a week. These sessions are an integral part of this course and you are required to attend. The previous lab exercise is due at the beginning of the first session of a new lab exercise. You are welcome to use the laboratory whenever lectures or other labs are not in progress. Note that no credit will be given for labs turned in late. Late labs, however, will be corrected by your TA in order to provide feedback. Quizzes (on both the lecture and the lab) will be given weekly in lab to assess your progress up starting week 2 until Midterm II. The final two weeks of the laboratory section will be devoted to your term project. The final project report is due to the TAs on Friday, March 11 by 5 pm. NO LATE WORK!

**Schedule**
The schedule will be posted on the class website. We will try to adhere closely to the attached schedule in terms of topics, but please consult the class website for updates. The blue shaded boxes highlight the critical due dates and exam dates. The exams must be taken on the exam dates; there are no make-up exams. It is your responsibility to keep up with the reading assignments.

**Code of Conduct**
You should read the UC Davis CODE OF ACADEMIC CONDUCT (http://sja.ucdavis.edu/cac.html) and comply with that code in all matters related to this course.
For additional guidance on what constitutes good academic conduct, please adhere to the following policies:

- Show respect for your instructors and fellow classmates.
- Please arrive on time to class and stay for the entire class period.
- When class begins, please stop your conversations.
- Wait until class is completely over before putting your materials away in your backpack, standing up, or talking to friends.
- Do not disturb others by engaging in disruptive behavior.
- No talking on cell phones, text messaging, or emailing on laptops during class.
- No listening to iPods or other MP3 players, and no use of electronic recording devices during class.
- You are expected to write emails to the instructors and/or other students as you would in any professional correspondence. Email communication should be courteous and respectful in manner and tone.
- Do not expect an immediate response via email (normally, a response will be sent within two business days). If your email question is sent at the last minute it will not be possible to send you a response before an assignment is due or a test is given.