

M235 (Calculus Lab I) Fall 2008

INSTRUCTOR: Dr. Hundley

OFFICE: Olin 234

OFFICE HOURS: T, R, F at 11AM

Feel free to schedule an alternative time to meet if you can't make these hours. Otherwise, if my door is open, feel free to come in. You can also email me anytime.

OFFICE PHONE: 527-5151

EMAIL: hundledr@whitman.edu

COURSE WEBSITE:

<http://people.whitman.edu/~hundledr/courses/M235.html>

All course handouts will be available on my website, so you might want to bookmark it.

1. **Goals:** The two main goals of this course are to (1) learn mathematics software (Maple), especially in the context of solving specific problems, and (2) learn how to write mathematics using LaTeX (which includes typesetting commands).
2. **Software:** We will be using Maple for our mathematics work and LaTeX (pronounced "Lay-Tech", different than rubber) for the word processing. Everyone in class will need access to the Mathematics computer lab- our first day will involve logging on and looking at some computer basics (our lab uses the Linux operating system rather than Microsoft Windows).
3. **Grading:** Your grade will be based on the written reports you turn in. There will be no exams in this course. You will turn in 5 reports overall. The first two labs are each worth 15% of the overall grade, the next lab will be worth 20%, and the final two labs are worth 25% each. After the initial labs, a rubric will be used- You should take note of the criteria used. The final grade will be a letter grade based on the standard scale (90-80-70-60).
4. **Group Work:** You will do your assignments collaboratively with a partner. You will choose a partner at the beginning of each lab, and you may not switch partners until that lab is completed. It is your responsibility to make sure that your partner contributes fairly to the project.

File Sharing: Be sure that each partner in the group has access to files that we created in previous class sessions. You can find links explaining how to share files on our class website (given above).

5. **Plagiarism:** Your write ups should be completely your own- the only external source you may use is your Calculus book, and when you use it, be sure and cite it (there are old calc books on the bookshelf you may use as needed).

6. **Late Work:** Late work will NOT be accepted. If you need to be absent, be sure there is someone from your group able to turn it in.

7. **Other items:**

- (a) If you have a learning disability that will require special arrangements for you, I would be happy to do that- You will need to inform me as soon as possible if this is the case.
- (b) Absences: I will not take attendance, but you are expected to come to class and work with your partner. If you need to miss class or an appointment with your partner, please do them (and me!) the courtesy of an email.

8. **Lab Schedule**

Week	Date	Topic	% of Grade
1	Sep 3/4	Introduction	
2	Sep 10/11	Lab 1, Part 1	15
3	Sep 17/18	Lab 1, Part 2	Due: next starting time
4	Sep 24/25	Lab 2	15
5	Oct 1/2	Lab 2	Due: next starting time
6	Oct 8/9	Lab 3	20
7	Oct 15/16	Lab 3	Due: next starting time
8	Oct 22/23	Lab 4	25
9	Oct 29/30	Lab 4	
10	Nov 5/6	Lab 4	Due: next starting time
11	Nov 12/13	Lab 5	25
12	Nov 19/20	Lab 5	
		Break	
13	Dec 3/4	Lab 5	
14	Dec 10/11	Lab 5 due Monday, Dec 15	