

M235 (Calculus Lab I) Fall, 2006

INSTRUCTOR: Dr. Hundley

OFFICE: Olin 234

OFFICE HOURS: Mon, Thur at 2:30, Tues at 1:15, and Fri 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

WWW: <http://www.whitman.edu/~hundledr>

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 learn mathematics software and to learn how to write mathematics.

We'll need something to solve and write about, so most of the class sessions will involve group work on problems that may be a little more involved than typical homework problems.

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 worth 30% of the overall grade (15% each), the next lab will be worth 20%, and the final two labs are worth 25% each. Grading will be based on a standard 90-80-70-60 scale, with $+/-$ being reserved for borderline cases.

4. **Revisions:** In some cases, labs may go through a revision (this will be announced when a lab is first assigned). If you choose to revise a lab, the final grade will be weighted 70% from the revised version, 30% from the original.

5. **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).

6. **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).
7. **Late Work:** Late reports will NOT be accepted, so pay close attention to the due dates!
8. **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.

9. **Lab Schedule**

Week	Week Begins	Topic	% of Grade
1	Aug 29	Intro to LaTeX	
2	Sep 4	Lab 1	15
3	Sep 11	Lab 1, due 2 days after	
4	Sep 18	Intro to Maple	
5	Sep 25	Lab 2	15
6	Oct 2	Lab 2, due 2 days after	
7	Oct 9	Lab 3	20
8	Oct 16	Lab 3, due 2 days after	
9	Oct 23	Lab 4	25
10	Oct 30	Lab 4, due 2 days after	
11	Nov 6	Lab 4, revision due 2 days after	
12	Nov 13	Lab 5	25
		Break	
13	Nov 27	Lab 5 due 2 days after	
14	Dec 4	Lab 5 revision due 2 days after	