

## M235 (Calculus Lab I) Fall, 2007

INSTRUCTOR: Dr. Hundley

OFFICE: Olin 234

OFFICE HOURS: M,T at 11AM, Thursday at 2:30PM

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](mailto: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 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	Date	Topic	% of Grade
1	Aug 29/30	Lab 1A: Intro to LaTeX	15
2	Sep 5/6	Latex Part 2	
3	Sep 12/13	Intro to Maple (HW 1, 2, 3 due at BEGINNING of Sep 19/20 class)	
4	Sep 19/20	Lab 2	15
5	Sep 26/27	Lab 2	
6	Oct 3/4	Lab 2 Due/Begin Lab 3	20
7	Oct 10/11	Lab 3	
8	Oct 17/18	Lab 3 Due/Begin Lab 4	25
9	Oct 24/25	Lab 4	
10	Oct 31/Nov 1	Lab 4 (Due at end of class)	25
11	Nov 7/8	Revision to Lab 4	
12	Nov 14/15	Intro to Lab 5	25
		Break	
13	Nov 28/29	Lab 5 due at end of class	
14	Dec 4/5	Lab 5 revision. Due on Dec 7	