CALCULUS I: Math 124 - Winter 2016

Lecturer:	Dr. Andrew D. Loveless	**Email:**	aloveles@math.washington.edu
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Office Hours: Mon, Wed 2:00 - 3:30 pm, and Fri 2:00-3:00pm all in my office. And I will typically be available Mondays, Wednesday and Fridays from 9:10-9:30am outside Johnson Hall 102 (my first lecture hall) and from 12:15-12:30pm outside Gould Hall 322 (my last lecture hall).

Texts: The only **required** material is a webassign access code which goes with the textbook, *Calculus*, by James Stewart, 7th Edition. You will need to purchase webassign access by following the instructions here: http://www.math.washington.edu/∼m124/WebassignInstructions.pdf

Webassign Access Code: All homework for this course is accessed online using Webassign. This is an online homework grading service. You log-in to a UW specific Webassign log-in page using the following link:

https://www.webassign.net/washington/login.html

(Note: You have a two week trial period before you must purchase).

Course Objectives: Students will learn the concepts of differential calculus with an emphasis on problem-solving.

Grading: The weight for each part of the course is given below.

Category	Weight
Worksheets/Test Preps (**Complete Tues/Thurs**)	2
Homework (**Due on Webassign, Mon/Wed/Fri**)	10
Midterm 1 (**TUES, FEB. 2**)	26
Midterm 2 (**TUES, FEB. 23**)	26
Final Exam (**SAT, MAR. 12**)	36
Total	100

Lecture: Lecture is on Monday, Wednesday, and Friday. You will be held responsible for all information that is discussed during lecture.

Quiz Sections: You will have quiz sections on Tuesday and Thursday with a teaching assistant (TA). *Tuesday (80 minutes)*: You will complete worksheets that supplement and reinforce the course material. **You must print off and bring your own copy of the worksheet.** The TA will travel around the room to answer questions about the worksheet. The worksheets must be turned in during quiz section on Thursday, you cannot turn them in without physically being at quiz section and participating. *Thursday (50 minutes)*: You will discuss homework questions and do old exam problems. It is vital that you attend and ask questions.

Respect: Be respectful to your TA. Your TA is a student as well. Many of them are taking hard classes, preparing for doctoral preliminary exams, and/or working on writing 100 page dissertations. In addition, they are paid less than many of you are paid by your summer jobs. Before you criticize your TA, you should ask yourself what you would do in their position. The point is: Help them out by bringing good questions to quiz section and make sure to thank them for the time they are giving you.

Exams: The midterms will be 80 minutes long and will be given at your usual quiz section classroom. The Final Exam is cumulative and will be held on Saturday, March 12th (the time and location will be announced later in the course).

Calculators and notes: A Ti-30x IIS Calculator ($14.95 at the bookstore) is the ONLY calculator that we allow on the exams! A single, **hand-written** 8.5 x 11 inch sheet of notes is allowed during exams. You may write on both sides.

Make-Ups: *Late homework and worksheets will not be accepted for any reason.* You will be allowed to miss one worksheet without penalty to your grade. In case of observance of religious holidays or participation in university sponsored activities, arrangements must be made at least 2 days in advance for worksheets and 1 week in advance for exams. You will be required to provide documentation for your absence. *Make-up exams will not be given.* If you miss an exam due to **unavoidable, compelling, and well-documented** circumstances, your final exam will be weighted more heavily.

Class Philosophy: There are two vital rules for success in my classroom.
1. THE HOMEWORK IS THE KEY: In mathematics, breakthroughs in learning rarely occur while reading the text or attending lecture. Mathematics is truly learned when you completely solve a problem AND understand the underlying concepts and tools so as to be able to apply them to related problems. The lecture, tutorial sessions, and office hours are valuable tools in guiding you towards learning and discovery, but ultimately the concepts and solutions must be absorbed, understood, and applied by you alone. Treat each problem as an exam question and ask yourself, "Can I answer this question without any help and do I understand the underlying principles that this problem conveys?" If your answer is no to either of these question, then you need more studying and practice.
2. ASK FOR HELP: Most students will hit a wall at some point during the course. Some can't handle the large workload, while others find difficulty with specific concepts in the course. When these times arrive remember to ask for help. I will answer as many questions in person during class and office hours as possible. However, I do ask that you exhaust your other sources of help before coming to me (since I have a large number of students, 410 this quarter, I sometimes get bogged down with e-mails and students in office hours). So please look for help in the following order: Ask your questions at Quiz Section, visit the math study center, visit CLUE, ask your classmates for help, go to your T.A.'s office hours, e-mail your TA, come to my office hours, and e-mail me. These are just a few of your options. Find help earlier rather than later. You are all smart enough to do well in this course, the question is whether or not you are determined enough.
YOU must be proactive to get help and do well in this course. The scores you get on the tests will ultimately determine the grade you earn. Make-ups, redos, and extra credit do not exist. What you get is what you earn. So you are responsible for yourself, but if you ask for help you will find it.

Resources:
• The class website can be found at: **http://www.math.washington.edu/∼aloveles/** You will find homework assignments, review sheets, grade information, a calendar for the term, and various bits of other useful information there, including past exams and quizzes, TA information, etc.
• The Math Study Center (Communications B-014) is open to students in Math 126. The Center provides a comfortable place and a supportive atmosphere for students to come together and study, in groups or individually. The center is staffed by TAs and instructors.
See **http://www.math.washington.edu/msc** for more information.
• The Center for Learning and Undergraduate Enrichment (CLUE) holds drop-in tutoring sessions every weekday evening in Mary Gates Hall Commons. See **http://depts.washington.edu/clue/**.