CALCULUS II: Math 125 B and C - Fall 2017

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Office Hours: Mon, Wed 1:30 - 3:00 pm, and Fri 1:30-2:30pm all in my office. And I will typically be available from 9:10-9:30am outside the lecture hall.

Texts: The only **required** material is a webassign access code which goes with the textbook, *Calculus*, by James Stewart, 7th Edition. You can purchase webassign access bundled with the textbook at the bookstore, or you can purchase your access code online. For detailed instructions on how to log-in and purchase access (with screenshots) see here (and click on the instructions link):
https://math.washington.edu/webassign

Course Objectives: This course will introduce you to integral calculus. We will study the integral and its applications. A lot of what we will do amounts to Math 124 in reverse.

Grading: The weight for each part of the course is given below. An example to show you how to compute your grade is also given.

<p align="center">example student percentages</p>

Category	Weight	Your Percentages	Your Scores
Worksheets (**Complete Thurs**)	2	90%	= 1.8
Homework (**Due Wednesdays**)	10	90%	= 9.0
Midterm 1 (**THUR, Oct. 19**)	26	78%	= 20.28
Midterm 2 (**THUR, Nov. 16**)	26	90%	= 23.4
Final Exam (**SAT, Dec. 9**)	36	86%	= 30.96
Total	100		= 85.44

This example student would get a 85.44 out of 100 for the course which is approximately a 3.0 on my estimated grade scale (see the course website). The expected, and departmentally required, median grade for the class is 2.9, so if you want a grade better than 2.9, then you need to score higher than half of your classmates. A grade of 2.0 is needed to move on to other courses that require Math 125. Typically, you need to score above 70% on all your exams to get a grade above 2.0. If you score below 50% in the course, then you will get a grade of 0.0.

Homework: Homework assignments will be assigned and collected via Webassign. Please log into webassign this week and add yourself to the course roster via the link: https://www.webassign.net/washington/login.html Homework will generally be due at 11:00 pm on Wednesdays (see the course calendar for specific due dates).

• Assignments are typically visible 7-10 days before they are due. You should **plan to complete all assignments at least two days before they are officially due**! The due date is just the last time you can submit answer. A good student will always be done with the vast majority of the assignments well before the due dates. After the due date, answers and full solutions become visible and you should definitely go back and review them.

• For all the reasons above, **I will <u>NOT</u> grant homework extensions for any reason**. If you have an emergency the day the homework is due (internet down, sickness, family emergency, etc), you will NOT get an extension. So let me reiterate, you MUST be done with the vast majority of the homework at least two days before it is due.

• In order to account for any small issues of you forgetting a problem or incorrectly clicking on a multiple choice, at the end of the terms I will round up everyone's homework grade by 5% (but no one gets a grade above 100%).

Quiz Sections: You will have quiz sections on Tuesday and Thursday with a teaching assistant (TA).
Tuesday (50 minutes): You will discuss homework questions. It is vital that you attend and ask questions. We may have a couple "test prep" activities that will be graded on participation.
Thursday (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.

Respect Issues: As in all your life, you should treat others like you yourself would like to be treated. If you have special circumstances where you need to arrive late or leave early, please contact me ahead of time and sit close to the door so that you do not distract your classmates when you enter or exit. If you want to listen to your iPod, text message your friends, or play around on your computer, then don't come to class. Such behavior is distracting to your classmates, so please put away and turn off your electronic devices before class. And please be polite and respectful when asking questions or sending emails. We should all be working together, not against one another.

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, December 9th from 1:30-4:20pm in Kane 130.

Make-Ups: *Late work 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. If you are *extremely* ill on the day of an exam, then you need to visit the doctor and get a doctor's note that clearly says you were incapable of taking the exam. Again there are no make-ups, so if you provide me with clear documenation that you were incapable of taking the exam, then the other exams will be weighted more heavily.

Calculators and notes: You will be allowed a **Ti-30x IIS Calculator (only this model)** and one 8.5 x 11 sheet (front and back) of **handwritten** notes for the exams. Other electronic devices will not be allowed. You may not share a calculator or a note sheet with another student on an exam.

Class Philosophy: There are two vital rules for success in my classroom.
1. THE HOMEWORK IS THE KEY: Mathematics is truly learned when **YOU** completely solve a problem yourself 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 (or if you hestitate at all), 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. Come to your T.A., come to me, ask your classmates for help, visit the math study center and/or visit the student counseling center. If you are still stumped send me an email. Please, please, please find help earlier rather than later.

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 125. The Center provides a comfortable place and a supportive atmosphere for students to come together and study. Free tutors are available. See **http://www.math.washington.edu/msc** for more information. Open 9:30 to 9:30pm most days
• 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/**.