Math 125

Teaching Staff
We are all here to help you. Please do not be afraid to contact any of us if you need help with the class.

Prerequisites
Math 124 or equivalent knowledge.

Text
The textbook for the course is "Calculus, 8th Edition, Early Transcendentals" by Stewart. An electronic version is included with your purchase of a WebAssign access code, so a paper copy is not required. We do recommend that you read the textbook, and a paper copy will make that easier. An older edition of the paper textbook will serve just as well.

WebAssign
Your homework assignments are accessed turned in and graded on-line using *WebAssign.*
You will need to purchase a "WebAssign access code" .You can purchase this code bundled with the textbook at the bookstore OR you can purchase a standalone access code which contains the ebook . Read the instructions in the Math Department math 125 web page : http://sites.math.washington.edu/~m125/ on how to purchase the code online.
Note: if you took Math 124 recently you probably have already purchased a LOE (lifetime of edition) access code for the 8th Edition Early Transcendentals, and **you do not need a new access code**. Both Math 124 and 125 are covered by the same access code.

Calculator
The Ti-30x IIS Calculator is the only calculator model allowed on exams, in all Calculus classes.

Course material
This course is an introduction to integral calculus. We will review antiderivatives and then study the Fundamental Theorem of Calculus. We will use this theorem to compute areas and volumes, as well as a number of other applications. A variety of techniques will be studied and used to compute difficult antiderivatives. The course will conclude with an introduction to differential equations. Roughly we will cover section 4.9 through 9.4 of the book (skipping some).

Course organization
You will have lectures, where new material is presented on MWF. On Tuesdays and Thursdays you will meet with a Teaching Assistant in a smaller group. Thursday section will be 80 minutes long so that, in addition to getting your

homework questions answered, there will be time for a worksheet that you can work on while the TA circulates and answers questions. Worksheets are posted on the Math 125 Materials web page. You should bring a copy of the current worksheet to Thursday section. At the end of the class the TA will collect the worksheets and give you one of three possible scores: 0 (if you did nothing or did not hand in a worksheet), 1 (if you left early or did very little), or 2 (if you clearly made an honest effort to complete the worksheet).

Homework
The due date for each assignment will be visible through WebAssign.
Late homework policy: automatic two days extension with 30% penalty (make sure to request it within 24 hours of the original due date). **No further extensions will be granted**, but I will drop your worst week homework assignment. I expect the homework to take considerable time and effort; therefore you are strongly encouraged to start your homework early.

Exams
Please check the class Web page for exam dates and information.
No makeup midterms are given. In case you need to miss a midterm because of a documented illnesses or an extreme, unexpected circumstance, please contact the instructor as soon as feasible, BEFORE the test date. Petition for taking the common make up final must be turned in to the Math Advising Office, please contact them (advising@math.washington.edu) to enquire about this form and its deadline. If you feel too sick to take the final exam, please do not show up, but see a doctor and contact your instructor and the Math Advising office immediately. You will need a doctor's note to make alternative arrangements.

Grading:
I will use approximately the following weights, but I may make some changes during the quarter: worse midterm 17%, best midterm 28%, homework 15%, worksheets 5%, final 35%.

Web Pages
 https://sites.math.washington.edu/~ep2/classes/125/125.html
Class web page, where you will find information specific for this section of Math125
 http://sites.math.washington.edu/~m125/
Math 125 Materials website. It contains general information for Math 125, and plenty of old exams. It also contains a schedule, and Thursday worksheets. The schedule for our section maybe slightly different.