

Calculus I - Math 151 Section 1

Monday-Friday 8:30-9:20

Fall 2009

Lecturer: Juliet Lovejoy

Office: 5311

Email: jlovejoy@shoreline.edu

Office Phone: 546-4574

Webpage: www.shoreline.edu/jlovejoy/Math151.htm

Office hours: Mon-Fri 10-11 am, Mon 1:45-3 pm (MLC), Thurs 2-3 pm (MLC), Thurs 3:10-4 (office)
(Feel free to e-mail or talk with me if you would like to meet at a time other than during my office hours or have any questions or concerns. When e-mailing, include the word "Math" in the title.)

Text: *Calculus: Early Transcendentals, 6e*, by James Stewart (ISBN #0495011665) or *Calculus: Early Transcendentals, Vol.1*, (ISBN #0495654698)

Prerequisites: Math 142 (2.0 or better) or a score of 70 or higher on both the College Algebra and Trigonometry COMPASS test

Core topics: Limits and continuity, related rates and optimization, derivatives (definition and rules of differentiation), parametric curves

Lectures: Monday to Friday from 8:30 to 9:20 in room 2905. (No classes on November 11th, 26th, and 27th.) There is a lot of material in this course, so every class period is important. If you miss class, you are responsible for all missed material, assignments, and announcements. The website is a good resource for some of this information. If you know you need to miss class, e-mail me ahead of time so that you can keep up with our schedule. In addition to attending lectures, you will probably need to spend **1-2 hours** on math homework, reading, and studying **each night**.

Homework: Homework will be collected each week on Tuesday unless otherwise posted. It will be due at the beginning of class. I will post the homework on the course website. Homework will be graded based on completion out of 5 points. I will be checking selected problems and giving feedback. Late homework will not be accepted. At the end of the quarter, the two lowest homework assignments will be dropped for final grade calculations. Your first assignment is due Tuesday, Sept. 29th.

Quizzes: There will be a **weekly quiz** based on the material covered in the homework on Tuesdays. Quizzes will be graded out of 10 points. I will drop two of the lowest quiz scores for each student in final grade calculations.

Proficiency Quiz: There will be a quiz focused on differentiation techniques occurring sometime around the 7th week of class. In order to get an overall grade of 2.0 or higher in the course, you must get 100% on this quiz. You will have many opportunities to pass this quiz as long as it is taken before the final exam. We will take the quiz once in class and afterwards, you can take it during my office hours or in the MLC. This quiz will be factored into your quiz grade. (Note: Passing this quiz does not guarantee that you get a 2.0 or higher.)

Exams: There will be two midterm exams and one final exam. The dates of the exams are as follows:

Exam 1: Friday, October 23rd

Exam 2: Friday, November 20th

Final: Wednesday, December 9th, 8 - 10 am

