

Course: CALCULUS I (Math 1206), 16

Instructor: Dr. Erin Carmody

Meeting Days: Tuesdays, Wednesdays, and Fridays

Meeting Times: 1:30pm - 2:20pm

Meeting Room: 311 Faculty Memorial Hall (FMH)

Prerequisites: Calculus for science and math majors. Functions, limits, continuity, Intermediate Value Theorem. The derivative and applications, antiderivatives, Riemann sums, definite integrals, the Fundamental Theorem of Calculus. Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.

General idea: We will do a lot of in-class work, with some lecture. For example, I will start off with a lesson and then you will have some in-class activities. Each day, I will give you points on your grade-tracking sheet. If you come to class, work hard, pay attention, and take notes while I am at the board, you will get full points for the day. If we do not have class for any reason, you will get full points. However, if you miss class you will not get points for the day - notice that it will not affect your overall grade very much for missing one or two classes. You do not need to send me an email if you are going to miss class, you just need to take care of whatever you missed and realize that you will not get points that day (I would like as few emails as possible as I have many students). Also, you are responsible for getting any notes or information that you might have missed from another student in class - this is the rule for everyone no matter the reason for missing class.

There is one exam - the final cumulative exam - at the end of the semester. You are responsible for learning the material from the beginning of the semester until the end. I will give you a review for the final close to the end of the semester - it is my intention that the review is similar to the final both in format and content, but it is up to you to study. You do not need to buy a book for this course. I will give you online resources throughout the semester, but otherwise the content of the course includes the lectures (always take notes) and the in-class activities (please keep these throughout the semester). Please bring your grade-tracking sheets to class everyday. If you do not finish the in-class activities in class, then you can finish before the next class. Sometimes I will give you additional problems to take home. Otherwise, you should study particular topics that interest you and that you need to understand more fully, by re-reading your notes, trying examples, watching videos online, and working with others from class.