

First-Year Calculus III

Math 9C, Fall 2009

Instructor: Dr. Julie Bergner

Class: MWF 3:10-4:00 pm, SPR 1102

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Course Web Page: <http://www.math.ucr.edu/~jbergner/math9cf09.htm>

Office hours: MWF 2:10-3:00 pm, and by appointment

Teaching Assistants: Edward Burkard and Brad Thomas

Textbook: *Calculus, Sixth Edition*, by James Stewart. We will cover sections 12.1-12.6, 12.8-12.11, 9.1-9.2, and 10.1-10.5.

Course Objectives: As a continuation of Math 9A and 9B, we'll continue with the main ideas of single-variable calculus. We will begin with an investigation of sequences and series, followed by some further applications of integration, and finishing with an introduction to differential equations.

Grades: Grades will be based on homework, quizzes, two midterm exams (tentatively Wednesday, October 14, and Friday, November 13), and a final exam (tentatively Thursday, December 10, 7:00-10:00 pm). Most homework will be submitted via WebAssign; this online homework will be worth 10% of your final grade. There will also be brief assignments, usually one practice problem and brief questions on the section to be read before class, which will be worth 5%. Quizzes given in the discussion section will be worth 10%. Each of the midterms is worth 20%, and the final exam is worth 35%.

Late homework will be not be accepted. No make-up exams will be given except under extreme circumstances. Please note that travel plans are not considered extreme circumstances.

Any instance of cheating will result in a failing grade for the course.

Homework: Homework will be assigned during each class period. The online homework assignments for the week will usually be due on Wednesday, so that you can ask questions during the discussion sections on Tuesday. One written problem will be given at the end of each class and is to be turned in at the beginning of the next class. In addition, there will usually be a reading assignment given. You are to read the assigned section of the textbook, answer 1-2 questions on it, and ask a question of your own about the material which you have read, all to be turned at the beginning of class with the written problem from the previous class.

Discussion Section: These sessions will give you a further chance to go over material with the teaching assistant. A quiz will be given in each discussion section, and the remaining time will be spent on student questions. More details will be given by your TAs in class next Tuesday.

Warning: This section of Math 9C is NOT in coordination with the other three sections. Exams will not be given on the same days, and some of the expectations are different.

A Final Note: Please do not hesitate to contact me or the TAs for the course if you have questions or need help. If you would like to meet with me and cannot come during scheduled office hours, we can set up an appointment for another time. You are welcome to come by my office at other times, but be aware that I may not be available.

If you have any condition, such as a physical or learning disability, which will require academic accommodations, please notify me in the first two weeks of the course.