

Department of Mathematics
University of California
Riverside, CA 92521

First Year Calculus - Math 9C – Section 50

Winter Quarter 2009

Instructor: Aviv Censor

Office: 232 Surge

Office Hours: Tuesday 2:10-3:15 pm, Wednesday 9:15-10:30 am

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Email: avivc@math.ucr.edu

Lectures: Tuesday 8:10-9:30 am, Thursday 8:10-9:30 am, 1101 Watkins Hall

Teaching Assistant: Chunghoon Kim

Office: Surge 266

Office Hours: Tuesday 4:00-5:00 pm, Thursday 4:00-5:00 pm

Email: ckim042@student.ucr.edu

Discussions: Monday 7:10-8:00 pm, room 139 Engineering 2 building

Textbook: Thomas' Calculus, Eleventh Edition

Midterm (30%): February 10, 2009, during the lecture

Final Exam (50%): March 20, 2009, 3:00-6:00pm

Syllabus: This is the last of the first year Calculus courses. We will cover the following subjects:

- Improper Integrals
- Sequences of Numbers
- Infinite Series of Numbers
- Power Series
- Taylor Polynomials and Taylor Series
- Fourier Series
- Differential Equations

Homework: will be assigned each week on *webassign* (<http://www.webassign.net>).

However, the webassign homework problems are **not** sufficient in order to really understand the material and master the techniques we learn during the lectures.

You are expected to **read** the relevant sections from the book, and do **many many** more problems as practice. We will regularly post a list of supplementary problems from the book, which are not to be handed in for grading, but should be regarded seriously.

Homework will count for **10%** of the final grade.

Quizzes: There will be a number of short quizzes, which will count for **10%** of the final grade. Quizzes will usually be given at the very beginning of class. You will not be able to take a quiz if you are late to class that day, and there will be no make-up quizzes.

Grades: You will receive a grade for the midterm and the final exam. A grade of C- means that you have understood enough of the material to continue the course, or continue on to the next course. It does not correspond to 70% or any other predetermined percentage. Note: the final exam will comprehensively cover the material of the entire course. An “F” for the final exam automatically gives you an “F” for the course. Grades, as well as other course materials, will be available on iLearn (<http://www.ilearn.ucr.edu>).

If you cannot come to the midterm or to the final exam, you have to make arrangements within the first two weeks of the course. We will only accept a very few reasons for not attending one of the exams. Those reasons are limited to: religious reasons, interviews for scholarships, and participation in intercollegiate sports.

Cheating will be taken very seriously. Every attempt to cheat will give you an automatic “F” for the course. You will not be allowed to drop the course, and your case will be forwarded to the student contact committee.

Course Attitude:

Calculus is like swimming or bicycle riding. You can't learn by watching someone else, even if that someone is *Michael Phelps* or *Lance Armstrong*, and even if you (think you) understand everything they are doing. You must jump into that pool or get on that bike by yourself. You need to practice a lot.

You are here to learn Calculus. This is a challenging course and the pace is fast. So (take a deep breath): Come to **all** classes. Participate. Do homework. Ask questions. Take advantage of office hours. Work hard.

We want you to succeed. Furthermore, we are nice people :) and we will do our best to help you succeed. And (believe it or not), just like swimming or biking, math can be fun!

Course Policies:

- You are expected to attend all lectures and discussions in which you are enrolled.
- All Exams and Quizzes are with closed books and notes. You may **not** use any calculators, cell-phones, i-pods or any other electronic devices.
- Grades should be earned honestly. See above.

Remark: If you have a disability and the University has determined that you require special accommodations, please provide appropriate documentation by January 9, 2009 so that we may plan for you accordingly.