

Department of Mathematics
University of California
Riverside, CA 92521

First Year Calculus - Math 9C – Section 20

Fall Quarter 2008

Instructor: Aviv Censor

Office: 232 Surge

Office Hours: Tuesday 11:15-12:30, Wednesday 9:15-10:30 am

Phone: 827-7383

Email: avivc@math.ucr.edu

Lectures: Tuesday 5:10-6:30, Thursday 5:10-6:30, OLMH 1208

Discussions:

Section 21: Monday 1:10-2:00 pm, Sproul 2339

Section 23: Monday 8:10-9:00 pm, Sproul 2356

Mathew Bennett

Office: 281 Surge

Office Hours: Monday 2:10-4:00 pm

Email: mbenn002@math.ucr.edu

Section 22: Monday 9:10-10:00 pm, Sproul 2356

Elizabeth Newton-Cannis

Office: 283 Surge

Office Hours: Monday 10:10-11:00 am

Email: ecannis@math.ucr.edu

Textbook: Thomas' Calculus, Eleventh Edition

Midterm (30%): October 28, 2008, during the lecture

Final Exam (45%): December 10, 2008, 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>) and will count for **10%** of the final grade.

Quizzes: There will be about 8 short quizzes, out of which the lowest score will be discarded. The quizzes will count for **15%** 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 recitations 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 October 9, 2008 so that we may plan for you accordingly.