

## MATH 9C, FIRST-YEAR CALCULUS

### GENERAL INFORMATION:

Lecture (15474): TR 11:10 AM - 12:30 PM  
Room: HMNSS 1503  
Instructor: Muralee (Dr. M. Muraleetharan)  
Office: 275B Surge Building  
Phone: (951) 827-7396  
E-mail: muralee@ucr.edu  
Office hours: TR 2:10 PM- 3:30 PM, and by appointment

### Teaching Assistant: Carlson

Discussion (9C-41): W 5:10 PM - 6:00 PM. Room: SPR 2351

Discussion (9C-42): W 4:10 PM - 5:00 PM. Room: ENGR2 143

**Textbook:** Weir, Hass, and Giordano, "Thomas' Calculus", 11th Edition, Addison Wesley, (2005) ISBN: 0-321-22642-9

### EXAMS AND GRADING:

Quizzes: 5 - 6 pop quizzes  
Homework: 9 - 10 Homework sets  
Midterm exam: Thursday 05/08/08, 11:10 AM - 12:30 PM  
Final exam: Thursday 06/12/2008, 11:30 AM - 02:30 PM  
Grading: The final grade is composed of:  
40% of the Final exam grade  
30% of the Midterm exam grade  
20% of the Homework  
10% of the Quizzes

Your lowest quiz and homework scores will be dropped.

The following grading scale will be used:

A student with an average of at least 90% will receive a grade of at least A-.

A student with an average of at least 80% will receive a grade of at least B-.

A student with an average of at least 65% will receive a grade of at least C-.

A student with an average of at least 50% will receive a grade of at least D-.

1. The final exam is comprehensive.
2. All exams are closed notes and books. Calculators are not allowed.
3. No make up exams - in all exams and quizzes an absence counts as zero. If you miss the midterm because of a documented medical situation or family emergency, the grade will be computed without taking into account the missed exam.

## **COURSE OUTLINE:**

Prerequisites: MATH 009B with a grade of “C-” or better OR MATH 09HB with a grade of “C-” or better. If you are unsure whether your background is adequate for this course, please make an appointment to discuss this with me immediately.

The course will cover improper integrals (8.8), infinite sequences and series (11.1 - 11.8), differential equations and application of power series (9.1 - 9.3, 9.5, 11.10), and polar coordinates (10.5 - 10.7). For each topic covered, a list of **suggested practice problems** will be assigned, usually about ten. These problems will be used directly or as templates for problems on quizzes and examinations. Students should prepare all of these problems. Each week a selected number of problems from the “practice problems” will be collected for grading at the beginning of the discussion section. **All work must be submitted on time; no exceptions.** A student will receive a grade of “0” for each missed or late assignment.

**CLASS MEETINGS and ATTENDANCE:** Classes will meet three times each week. Lectures will be given on Tuesday and Thursday. Each section will meet for one discussion each week on Wednesday. **Attendance is required.**

**COLLABORATION and ACADEMIC INTEGRITY:** Students are encouraged to work cooperatively on practice problems. There is quite a bit of evidence that this sort of collaboration improves performance in calculus courses. However, all work submitted for grading must be the work of the individual submitting the work. No collaboration is permitted on work submitted for grading. Copying another student’s homework is a violation of the University Code of Conduct.