MATH 150A, INTERMEDIATE ANALYSIS

GENERAL INFORMATION:

Lecture (20721):	MWF 2:10 PM - 3:00 PM
Room:	PRCE 2416
Instructor:	Muralee (Dr. M. Muraleetharan)
Office:	225 Surge Building
Phone:	(951) 827-6482
E-mail:	muralee@math.ucr.edu
Office hours:	W 3:10 - 4:00 PM, and by appointment

Discussion:
Tuesday 8:10 - 9:00 AM in PRCE 2416.

Textbook:
Advanced Calculus by Avner Friedman.
Principles of Mathematical Analysis, Third Edition by Walter Rudin.

EXAMS AND GRADING:

Homework:	5 - 6 Homework sets
Midterm exam:	Wednesday 02/02/11, during the lecture.
Final exam:	—
Grading:	The final grade is composed of: 50% of the Final exam grade 30% of the Midterm exam grade 20% of the Homework

Your lowest homework score 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 - 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 009C or MATH 09HC; MATH 010B; MATH 144; or consent of instructor. Credit is awarded for only one of MATH 150A or MATH 151A. If you are unsure whether your background is adequate for this course, please make an appointment to discuss this with me immediately.

A study of the concepts and theory of single-variable calculus. Covers sequences through the fundamental theorem of calculus. Introduces sequences and series, continuity, differentiation, and integration.

CLASS MEETINGS and ATTENDANCE: Classes will meet four times each week. Lectures will be given on Monday, Wednesday, and Friday. Each section will meet for one discussion each week on Tuesday. **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 mathematics 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.