

Math 150A - Intermediate Analysis

Spring 2011

Professor: Dr. Jason McCullough

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Office Hours: MF 11:10am-12:00pm, MW 3:10-4:00pm, and by appt.

Primary Lectures MWF 10:10 - 11:00 am, INTS 1130

Discussion Tu 7:10-8:00pm, ENGR2 141 (TA - Jacob West west@math.ucr.edu)

Required Materials

“Advanced Calculus” by Avner Friedman

Homework – 20%

Homework assignments will be made roughly weekly and will be due on Mondays. I will drop your lowest homework score.

Tuesday Problem Sessions – 5%

Additional problems will be assigned to individual students to be presented in class on Tuesday discussions. To get full credit for this portion you must present at least 4 problems by the end of the quarter.

Exams – 75%

There will be two midterms and one final exam. The midterms each count for 20% of your final grade, the final counts for 35% of your final grade. The final exam will be cumulative. You must present your student ID on exam days or your exam will not be accepted. The exam dates are:

Exam 1 - Friday, April 22 (during lecture)

Exam 2 - Friday, May 13 (during lecture)

Final Exam - Wednesday, March 16, 3pm-6pm

If you cannot come to an 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. For other legitimate absence (e.g. serious illness), you must provide documentation explaining the absence.

You will receive a grade for each of the midterms and the final exam. I will grade them on a standard scale (90-100 = A, 80-89 = B, 70-79 = C, 60-69 = D, 0-59 = F), with a possibility of curving scores up if I deem it necessary.

Note: Petitions for regrading of specific problems or homework scores may only be done within 1 week of when the papers are handed back or when the assignment is due. After that 1 week, all grades are final.

Academic Integrity

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 conduct committee.

Calculator Policy

As per math department policy, no calculators will be allowed on quizzes or exams. You may use them on homework, but it is recommended that you complete as much of it without a calculator as possible so that you are prepared for the exams.

Course Topics

This class covers a rigorous development of calculus from a construction of the real numbers to the fundamental theorem of calculus. We will cover most of the first 5 chapters of Friedman's Advanced Calculus.

Classroom Decorum

Out of respect for your classmates, I ask that you arrive to class on time everyday. If you are late, please enter quietly and quickly. Keep cell phones and beepers turned off. If your behavior is disruptive to the rest of the class, you will be asked to leave.

Important Dates

Last Day to Drop Course - Apr. 8, 2011

Last Day to Withdraw from Course with a 'W' - May 6, 2011