Syllabus – Math 310 – Fall 2005

Instructor: William T. Ross
Jepson Hall, Room 215
289 – 8090
Office Hours: MW 2:30 – 4:30 or by appointment

Text – Advanced Topics in Calculus, W. T. Ross, available in the UR bookstore

Assignments – The homework problems are embedded in the text. We will usually cover about one section per class and you are to hand in the problems in the section covered the next class meeting. You are allowed to consult each other as long as everyone does their share. Assignments are due by 5:00 PM the day they are due and late assignments cannot be accepted.

Exams – All the exams (three semester exams and a final) are take-home and appear at the end of the book. These exams are quite difficult and very time consuming - so pace yourself and (I can’t emphasize this enough) do not wait until the last minute to get started on them. You are invited to come talk to me about the exams (I’ll be glad to give out hints and point you in the right direction) but please don’t expect me to be too helpful when you are coming to me with major questions the day before the exam is due. The exams are due by 5:00 PM on the following days.

Exam 1: 10/4 Exam 2: 11/10 Exam 3: 12/1 Final: 12/20

Since all the exams are printed in the book, you might even want to do the exam problems as we cover those topics in the course – highly recommended.

It goes without saying that you must do the exams by yourself and not consult anybody but me.

Grades - Exams (including final): 80% (20% each), Assignments: 20%

Academic Honesty - Students are to abide by the university honor code and are expected to sign all exams.

Topics - The course will cover various advanced topics from the differential and integral calculus (not covered in Cal III) as well as some basic Fourier series and partial differential equations. See the class schedule for details.

Keeping in touch: Updates, hints, and corrections will be kept on Blackboard. Be sure to check your email often so you don’t miss anything.