Math 405 Introduction to Real Analysis: Course Policy

This course is meant to give a rigorous introduction to some fundamental ideas in analysis in the familiar setting of the real number system, calculus of one variable and sequences and series of functions. Many of the ideas we will explore will be useful and important in other settings. But more to the point is that in this course you will be exposed to mathematical thinking and sophistication that should serve you well.

You are expected to come to class prepared; this means that you have understood or at least struggled with the required reading (mathematicians read with pencil and paper in hand) and formulated questions to be discussed in class. The material is challenging and there is always too much in the time allotted so I suggest you work through it every week in a study group of three or four. Homework will be assigned every week and you are encouraged to discuss it with your study group. However you must write up your own problem sets. Copying, whether from another student a book or the internet, is not only dishonest but defeats the main purpose of the course.

Homework will be posted on the course homepage every week and will be due at the beginning of section on Friday of the following week. Late homework will not be accepted.

Grades will be based on:
Homework 20%
two midterms 40%
Final exam 40%.