

# Course Information

## Math 611, Real Analysis

### Fall, 2006

J. Kuzmanovich  
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Office Hours: 2:00, 3:00 MWF

Text: Richard R. Goldberg, *Methods of Real Analysis*

This course is an introduction to several of the underlying ideas of real analysis. The topics to be covered include the convergence of sequences and series of numbers, topological concepts such as completeness, connectedness and compactness, and a study of the convergence of sequences of functions culminating in uniform convergence.

In general, the course will follow the text. After a brief discussion of some of Chapter 1 (the hardest chapter), we will cover most of Chapters 2, 3, 4, 5, 6 and 9.

There will be two tests during the semester, each counting 100 points; these exams will usually include a take-home portion. The final exam will be at **2:00 pm on Tuesday, December 5** and will count 200 points. There will also be some problem sets, quizzes, and presentations counting at most a total of 100 points; some of these may be group assignments. In addition there will be several group projects (including a presentation) and an oral quiz (this will occur prior to the final exam); altogether these will count 50 points. The grade will be based on total points with a maximum point total of approximately 550 points. The grades may be curved at the end of the semester, but in no case will the grading be more severe than that of a ten-point (percentage) scale. *No make-up exams will be given.*