

## REAL ANALYSIS 2 MW 3:00-4:20PM SPRING 2011 STUART 304

Instructor: Jonathan White  
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Office Phone: 399-8280  
Home Phone: 362-3350 (between 7am and 10pm)  
Text: *Principles of Mathematical Analysis*, Walter Rudin, Chapters 1-8 and 11.  
Grading: Grades will be based on class presentations, assigned problems, and math culture.

This class will pick up where we left off in Real Analysis 1 and cover construction of the reals, generalization of topics from the first semester to general metric spaces, sequences and series, Lebesgue measure & integration, and other assorted topics depending on student interest. The bulk of class material will be presented by students. We will divide up the material so that 1 to 3 students “adopt” each section, work through it in consultation with each other and me, and then present it in class.

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Any students with disabilities which might affect their performance in this class should contact me as soon as possible to arrange accommodations.

The faculty has adopted a policy on academic integrity. It is your responsibility to understand and follow it.

Diversity, in all its forms, is valuable.

