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

Instructor: Jonathan White
E-Mail: jwhite@coe.edu
Web Page: public.coe.edu/~jwhite/
Office: Stuart 316
Office Hours: MWF 9:00-9:50am and by appointment
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.

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.