

Math 2301 Fall 2009

Analysis I

MWF 2:00pm – 2:50pm; 704 Thackeray Hall

Huiqiang Jiang

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Office Hour: Monday, Friday: 10:30am – 11:20am, Tuesday: 2:00pm – 2:50pm
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This course is an introduction to real analysis and functional analysis which covers measure theory, integration theory, L^p -theory and other related topics.

Textbook

I will make my own lecture notes based on the following book:

- Walter Rudin: Real and Complex Analysis, third edition.

Other good reference books:

- Halsey Royden: Real Analysis.
- Elias Stein & Rami Shakarchi: Real Analysis.

Grading Policy

There will be weekly homework assignments, two midterms and one final. Their contribution to the course grade is: midterms 50%, final 25% and homework 25%.

Homework

Homework assignments will be posted on the course webpage.

Disability Statement

If you have a disability for which you are or may be requesting an accommodation, you are encouraged to contact both your instructor and Disability Resources and Services, 140 William Pitt Union, 412-648-7890 or 412-838-7355 (TTY) as early as possible in the term. DRS will verify your disability and determine reasonable accommodations for this course.