Instructor: Prof. Wilson.
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Office hours: Monday 11:00–12:00, Tuesday 12:30–1:30, and by appointment.

Text: 
Real Analysis: Modern Techniques and Their Applications (second edition) by Gerald B. Folland.

Approximate course contents: chapters 0 (mostly a review of logic and real analysis fundamentals), 1 (introduction to measures), 2 (integration), 3 (differentiation), 5.1-5.2 (a little functional analysis), 6 (L^p spaces: completeness, duality, and all that).

Grading: There will be no midterm, quizzes, or final. Your grade will be based on 4 or 5 (more if we can squeeze them in) homework sets. These homework sets won’t look big. Don’t let that fool you. You should begin thinking about them as soon as you get them, and earlier if possible. Putting off a real-variables problem set until the night before it’s due is not healthy. I speak from experience. Experience also tells me that this warning will largely go unheeded.

Reading and homework assignments, solution sets, and other class information (such as this syllabus) will be posted on the website.

Policy on late homeworks: Usually I’m pretty easy-going about granting extensions, as long as you have a reasonable excuse, but I can become hard-nosed if I think people are abusing my trust. This has never happened in graduate classes.

Policy on learning disabilities: If you have a learning disability requiring special accommodations, the University and I will be happy to provide them. However, it is your responsibility to inform me and ACCESS (656-7753) well ahead of time if you do require such accommodations. Your request will be kept completely confidential.