Math 103 syllabus

Instructor info: Larry Guth
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Class times: MWF 2-3 in E17-129.

Office hours: I encourage you to come to office hours. It’s an opportunity to talk together about questions, problems, and things you’re curious about. There will be two office hours a week: time TBA.

Textbooks.
Fourier Analysis: An Introduction, by Stein and Shakarchi.
Real Analysis: Measure Theory, Integration, and Hilbert Spaces, by Stein and Shakarchi.
We will study Chapters 1-7 of Fourier Analysis and (most of) Chapters 1 and 2 of Real Analysis.

Homework: We will have a weekly problem set due most weeks. You’re encouraged to work on the problems with other students. You should write up your own solutions. I will drop the lowest homework grade and average the others.

Tests: There will be one midterm and a final. The midterm will be October 26 or 27 at a time in the evening. We will talk about the schedule in the first couple weeks of the semester. There will also be a final exam (during finals period).

Grades: The grades will be based on 35 % homework, 25 % midterm, 40 % final exam. For the homework grade, I will drop the lowest score, so you can miss one homework with no problem.