Math 240 Syllabus

Fall, 2009

Instructor: Prof. Wilson.
Office: Room 304, 16 Colchester Avenue.
Office hours: Wednesday, 11:30-12:30, Friday, 3:00–4:00, and by appointment.
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Approximate course contents: We will cover essentially all of chapters 1 and 2 (Fourier series motivations and basic properties), about two-thirds of chapters 3 (convergence of Fourier series) and 5 (Fourier transforms and applications in $\mathbb{R}$), and about half of chapter 6 (Fourier transforms and applications in $\mathbb{R}^d$). If time permits we will also look at some of the special topics in chapters 4, 6, and 7.

Grading: There will be four or five big homework sets, a midterm exam, and a final exam. Some of the homework problems will require a computer and familiarity with software such as MATLAB, Maple, or Mathematica. Homework will count for 50% of your grade and each test will count for 25%.

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

Policy on late homework and missed exams: I will go pretty easy on these, and be happy to grant reasonable extensions on homework, as long as you have a legitimate excuse (illness, car trouble, family emergency, “away” athletic event, religious observance, etc.) and people don’t seem to be abusing my trust. My policy with tests is similar. If you know in advance that you’re going to miss the midterm (or that you have missed it), please let me know, and the sooner the better. We can work out an alternate time and place for you to take it. Similarly, if your other final exams are clustered around the time of ours, an alternate time and place for you to take the final can be worked out.

Fair warning: If you come to an exam feeling ill, take it, and do badly on it, you will be stuck with the score.

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