

Math 327C—Introduction to Real Analysis

Spring 2023

MWF 1:30 LOW 201

Instructor: Monty (or William) McGovern, PDL C-450, mcgovern@math.washington.edu

Grader: Soham Ghosh, soham13@uw.edu, office hours on zoom:
zoom.us/j/94334604887, M 10:30-11:30, zoom.us/j/96863737991, Th 4:00-5:00; can login
through Canvas.

Office Hours: in person (PDL C-450), W 2:30, Th 10:30 or by appointment.

Website: Lecture notes and HW assignments both posted on Canvas (under Files or Modules and Assignments, respectively). You will need to log in with your UW NetID.

Text: *Advanced Calculus* by Patrick Fitzpatrick (2d ed., American Mathematical Society, 2006).

Grading and Exams: Your grade will be based on homework, two midterms, and a final, these ingredients counting for 20%, 40%, and 40%, respectively, of the final grade. Homework will be collected weekly on Fridays, starting on March 31, and must be submitted through Canvas. The midterms will take place on Friday, April 21, and Friday, May 19, and the final will take place on Monday, June 5, at 2:30. Students scoring at least 50% on the midterm and final will be assured of at least a 2.0 for the course.

Religious Accommodation: Students needing to take exams on a different date or at a different time for religious reasons (or emergencies) should let me know as far in advance as possible, so that I can make accommodation for you.

What to Expect: This is a first course in real analysis, covering the foundations of the real numbers, sequences and series, continuous functions, derivatives, and some integration.