

**Math 327C/574C—Introduction to Real Analysis**

**Spring 2025**

**MWF 1:30      MUE 155**

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

**Grader:** Cordelia Li, yuqiaoli@uw.edu, office PDL C-402, hours M 11:30-12:30.

**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:** *Understanding Analysis* by Stephen Abbott; I will send this to all of you as a free pdf.

**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 submitted via Gradescope, starting on April 4; you will log into this via Canvas. The midterms will take place on Friday, April 25, and Friday, May 23, and the final will take place on Monday, June 9, 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.