Math 424 D, Honors Real Analysis, Fall 2020

Online Course

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Textbook: M. Rosenlicht, Introduction to Analysis, Dover.

Course Syllabus: https://math.illinois.edu/resources/department-resources/syllabus-math-424

Course Webpage: I will maintain a course webpage in Compass 2g. Lecture videos, lecture notes, homework assignments, reading assignments, and grades will be posted there.

Lecture videos and zoom meetings: I will post lecture videos and the associated lecture notes twice per week, on Mondays and Wednesdays. In the videos, I will go through the lecture notes providing additional explanations. There will be two zoom meetings every week, up to 80 minutes long. I plan to have them 8:30–9:50am on Tuesdays and Thursdays. You can join as needed to the whole session or part of it to ask questions on lectures and/or homework problems. I will send the info for the meetings by email and post it on compass.

Homework Assignments: I will post homework assignments in compass every Friday, and they will be due in compass by 5pm on following Friday. I will drop the worst two homework grades. Absolutely no late assignments. You are encouraged to discuss the homework problems with each other but should write the solutions by yourself in your own words.

Exams: There will be two 60 minutes midterm exams and a 3 hours final exam. Date and times to be determined later. Like the homework assignments, the exams will be posted in compass and you are expected to upload your scanned solutions to compass before the deadline. You will have additional time to deal with technical problems; downloading, scanning, and uploading.

Grading: Weekly homework assignments (25%), a midterm exams (20% each), and a final (35%). Please do not request an alteration for yourself in these percentages. No make-up exams. The letter grades will be assigned according to the scale:
90 – 100: A-, A, A+
80 – 90: B-, B, B+
70 – 80: C-, C, C+
60 – 70: D-, D, D+
Below 60: F.