

Course Syllabus



Name: Bunyamin Sari

Office Location: GAB 414

Office Hours: MW 9-11AM

Course Meets: MF 2-3:20PM

Email: bunyamin.sari@unt.edu

Course Description

Introduction to mathematical proofs through real analysis. Topics include sets, relations, types of proofs, continuity and topology of the real line.

Required Text/Materials

No required textbook. Recommended book: Analysis with introduction to Proof, by Steven Lay. Older editions are okay. You should be able to find older editions around \$20 online.

Grading

Homework – 20%

In class quizzes/worksheets 20%

2 Midterm Exams – 40%

Final Exam – 30% (Monday, December 8, 1:30-3:30pm in class)

Course Structure

This course will meet in person 2 times per week for lecture. Attendance is required. Every week we will have in class quiz/worksheet. In addition, there will be regular homework, 2 midterm exams, and a final. The midterm exam dates will be announced in advance.

Course Objectives

This is fundamentally an introduction to the language of mathematics. We will learn how to read and write mathematics. The emphasis will be on writing proofs. Along the way we will learn very interesting topology of the real line, and some of the most fundamental concepts in Analysis.

Course Summary:

Date	Details	Due
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