

MA 3606 - Fundamentals of Analysis II

Instructor: Wei Kang
Office: G-350
Office Phone: 656-3337
Office Hours: Monday, and Wednesday from 1400 to 1500.

Text: Elementary Analysis: The Theory of Calculus, by K. A. Ross.

Course Objectives: The objective of this course is to give the student a solid understanding of the basic concepts of analysis: sequences and series of functions, differentiation and integration of functions. Proofs will be emphasized, and the student will learn how to reproduce, understand, create and enjoy mathematical proofs.

Exams and Grades: Your grade for the course will be based on at least one presentation (30% each), one midterm (35%) and the final exam (35%).

Hours:	Sections	Topic
6-6	23-27	Sequences and Series of Functions
7-13	28-31	Differentiation
13-26	32-37	Integration
4-30		Student Presentations
3-33		Holidays and Exams