

Math 4023 - Introduction to Modern Analysis

Syllabus - Spring 2000

- Instructor: Dr. Birne Binengar
430 Mathematical Sciences
Tel. 744-5793
Email: binegarmath.okstate.edu
- Office Hours: TBA, MS 430
- Required Text: *Analysis with an Introduction to Proof* by Steven R. Lay,
Prentice-Hall (1990)
- Prerequisites: Calculus II
- Course Objectives: The main purpose of this course is to teach students how to read, write, and understand mathematical proofs. In the course of doing so, students will study basic notions of the limits, sequences and continuity as applied to functions of a real variable.
- Homework: Homework problems will be assigned daily in class. All the homework assigned during a given week will be due at the beginning of the first class of the following week.
- Examinations: There will be two midterm examinations worth 100 pts each and one final examination worth 150 pts.
- Grades: Grades will be determined exclusively from homework, midterm, and final exam scores.

2 Midterm Examinations	200 possible pts.
Homework and Quizzes	50 possible pts.
Final Examination (Thur, May 4, 10:30)	<u>150 possible pts.</u>
	400 possible pts.

Letter grades will be assigned as follows:

A:	360 - 400 pts.
B:	320 - 359 pts.
C:	280 - 319 pts.
D:	240 - 279 pts.
F:	0 - 239 pts.