

MA 425 Directed Study

Syllabus

Instructor: Dr. William Bonnice

Course Description:

An introduction to analysis. Limits of sequences and functions; continuity; differentiation and integration of functions of one variable; the Bolzano-Weierstrass theorem, the Heine-Borel theorem.

Tentative Schedule:

Date	Sections to be covered
01/23	0.1, 0.2
01/30	0.3-0.6
02/06	Chapter 1
02/13	2.1-2.3
02/20	2.4-2.6
02/27	Review chapter 0-2
03/06	3.1-3.3
03/13	3.4-3.6
03/20	Chapter 4
03/27	Review Chapter 3 and 4
	Quiz
04/03	5.1-5.3
04/10	5.4-5.6
04/17	5.7, Review Chapter 5
04/24	Review for final exam
05/01	Final exam

Grading Schedule:

Homework	25%
Quizzes	35%
Project/Paper	15%
Final Exam	25%

	100%