

COURSE: MATH ANALYSIS III (MATH 6)
Meets M W F 8:40 - 9:50 AM

KRCC
Fall 1997

INSTRUCTOR: H. D. FRIEDMAN (Office hours - before class, by arrangement)

TEXT: Calculus with Analytic Geometry, Fifth Edition, Howard Anton.

OBJECTIVES: This is a course in Vector Analysis and Calculus for functions of more than one variable. The student will learn three dimensional representations of vectors, lines and planes, the calculus of vector-valued functions, partial differentiation, and multiple integration.

CLASSROOM PARTICIPATION: Students are encouraged to participate in classroom discussions and in problem-solving at the blackboard.

HOMEWORK: Hand-in homework, due at the beginning of class, will generally be assigned daily. It is crucial to success in this class that students make the effort to do homework problems as completely and correctly as possible.

GRADING: Grading of hand-in homework (based on a 0-10 scale) will reflect classroom participation. Late homework will be graded on a lower scale. The 3 lowest homework grades will be discarded. Homework is worth 15 course points.

EXAMS: Four exams (each worth 20 course points) plus a final exam (worth 25 course points) are planned.

COURSE GRADE: The best four exam scores (maximum 85 course points) are added to the homework grade (maximum 15 course points). Letter grades are based on:

Scale:	87	A
	77	B
	65	C
	50	D

ATTENDANCE: In accordance with KRCC policy, attendance is mandatory. A student may be dropped after 6 absences unless special arrangements are made. Late arrival, or early departure (without special permission), will negatively affect your attendance record.

DROP DATE: Friday Oct. 17 is the last day to drop this class without penalty.

HOLIDAYS: Class will be held M W F from Monday Aug. 18 to Friday Dec. 12, except for these holidays: Mon Sep 1, Fri Oct 10 and Fri Nov 28.

FINAL EXAM: Friday Dec. 19, 8:00 - 10:00 AM