COURSE: MATH ANALYSIS III (MATH 6)   KRCC
        Meets M W F   7:40 – 8:45 AM   Spring 1998

INSTRUCTOR: H. FRIEDMAN   (Office hours: before class or 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.

   PLEASE NOTE: The course is based on Chapters 14 thru 17 of the text. These chapters are basically separate and unconnected – the first two chapters are easy to forget by final exam time.

CLASSROOM PARTICIPATION: The purpose of the classroom is to provide an effective learning environment. Disruption of this environment will not be tolerated. Classroom participation may be reflected (positively or negatively) by adjustments to daily homework grades.

HOMEWORK: Homework is due at the **beginning** of class (or, for latecomers, upon arrival). Homework is graded on a 0-10 scale. Late homework will be graded on a lower scale.   Homework is worth 15 course points.

EXAMS: Four monthly tests (each worth 15 course points) plus a comprehensive final exam (worth 25 course points) are planned.

COURSE GRADE: Your total course points (maximum 15 + 60 + 25 = 100 points (or more!)) result in a letter grade as follows:

                    Scale: 88   A
                             77   B
                             66   C
                             55   D

ATTENDANCE: In accordance with KRCC policy, attendance is mandatory. Late arrival or early departure (without special permission) is not acceptable. Three tardies counts as one absence, and a student may be dropped after six (6) absences.

DROP DATE: Friday Mar. 13 is the last day to drop this class without penalty.

HOLIDAYS: Class will be held M W F from Monday Jan 12 to Friday May 15, except for these holidays: Mon Jan 19, Fri Feb 13, Mon Feb 16, and spring recess from Mon Apr 6 to Fri Apr 10.

FINAL EXAM: Tuesday May 19, 8:00 – 10:00 AM.