GRANDE PRAIRIE REGIONAL COLLEGE
DEPARTMENT OF SCIENCE AND TECHNOLOGY
MATHEMATICS 1140 A2
FALL SEMESTER 1999

SEP 0 6 2000

TITLE: ELEMENTARY CALCULUS I

PRERECQUISITE: Math 30 and Math 31

SCHEDULE:

Lectures	M W	13:00 – 14:15	J229
Seminars	F	13:00 – 14:15	J227

INSTRUCTOR:

Thomas Kaip		Reddy Ganta
Office J212		Office J220
Extension	2963	Extension 2850
Email	kaip@gprc.ab.ca	Email ganta@gprc.ab.ca

OFFICE HOURS: (Tom's)

Monday	11:30 – 12:00;	Tuesday	09:30 – 10:30;
Wednesday	11:30 – 12:00;	Friday	11:00 – 12:00

TEXTBOOK: James Stewart ; SINGLE VARIABLE CALCULUS 4th Ed.

COMPOSITION OF THE COURSE GRADE:

Final Exam	50%	
Midterm Exam	30%	Wednesday, October 13 1999
Quizzes	10%	
Assignments	10%	

QUIZZES: Quizzes will be held in the latter 30 minutes of the seminar. The 10 best quiz marks will be recorded.

ASSIGNMENTS: The ten best assignments will be recorded.

COURSE TOPICS:
Review of analytic Geometry and Functions
Limits and the Definition of the Limit
Continuity and the Intermediate Value Theorem
Differentiation of Elementary Functions
Rolles Theorem and the Mean Value Theorem
Differentials and Applications
Applications to Rates, Maxima and Minima
Introduction to Integration
Fundamental Theorems
Numerical Integration and Area

CALCULATORS: No calculators allowed in Quizzes, Exams and Seminars.