GRANDE PRAIRIE REGIONAL COLLEGE

DEPARTMENT OF SCIENCE AND TECHNOLOGY

MATHEMATICS 1010 A3

WINTER 1997

Title: Calculus II

Prerequisite: Mathematics 1000

Schedule:
Lectures   M W F   09:00 to 09:50 in J201
Seminars   AS1   R   15:00 to 15:50 in J202

Instructor:
Thomas Kaip
Office J212
Extension 2963

Textbook: James Stewart, Calculus (3rd Edition)

Topics:
More on Transcendental Functions
Techniques of Integration
Applications of Integration
Parametric Equations and Polar Equations
Vector Functions and their Derivatives

Grading:
Midterm Exam   30%
Worksheets   20%
Final Exam   50%

Midterm: The midterm examination will be on Friday, February 19, 1997.

Worksheets: Worksheets will be given to you at the beginning of the seminar period and due at the end of this period. You are required to work independently; however, you may refer to your lecture notes and textbook. **Please come to the seminar well prepared, ie: work on problems from the past week; bring complete and accurate lecture notes.**

Final Exam: The final exam will be scheduled by the registrar's office.

Calculators: Calculators **WILL NOT** be allowed in seminars and exams.