GRANDE PRAIRIE REGIONAL COLLEGE Department of Science MA 2140 Fall 2010

Title : Intermediate Calculus I 3(3-1-0) UT 60 Hours Prerequisite: Mathematics 1150 or Ma1010 Transfers to U of A as Math 214. See Alberta transfer guide for transfer to other institutions. For a detailed course description see page 208 of college calendar.

Instructor : Thomas Kaip Office: J218 Phone: 780-539-2963 e-mail : <u>tkaip@gprc.ab.ca</u> Office Hours: TBA

Schedule :

A2	J202	M-W	10:00	-11:20
AS1	J202	F	09:00	-09:50

- Textbook : Multivariable Calculus; James Stewart 6th Ed. Course will cover material from Chapters 11,12,13 and 15
- Grading :Assignments10%Quizzes15 %Mid-term Exam25 % (week of October 18)Final Exam50 % TBA

For conversion from percentage to letter grade, refer to the guideline given in the college calendar on page 43.

Calculators: No calculators allowed in Quizzes and Exams

Topics Covered:

Infinite sequences and series and tests for convergence/divergence Parametric equations Polar coordinates Conics Vectors and 3 dimensional analytic geometry Partial derivatives Maximums and minimums of functions of several variables

STATEMENT ON PLAGIARISM AND CHEATING:

Please refer to pages 49-50 of the College calendar regarding plagiarism, cheating and the resultant penalties. These are serious issues and will be dealt with severely.