

GRANDE PRAIRIE REGIONAL COLLEGE

MATH 2150 A3 WINTER 2002

Course: Intermediate Calculus II, First order and second order linear differential equations with constant coefficients. Curves, tangent lines, arc length, integration in two and three dimensions, polar, cylindrical and spherical coordinates, line and surface integrals. Green's theorem, divergence, and Stokes' theorem.

Schedule:

Class:	Mon	6:00 - 7:20	J226
	Wed	11:30 - 12:50	J226
Seminar:	Fri	10:00 - 10:50	B302

Instructor: Dr. Eric Chislett
Office C409
Phone 539-2003

Textbook: i) Calculus, Early Transcendentals, 4th Edition, James Stewart Brooks/Cole Publishing Company.
ii) Student Solutions Manual, by James Stewart, Daniel Anderson, Daniel Drucker, Brooks/Cole Publishing Company.

The course covers section 15.8 and chapters 10, 14, 16, 17.

Grading:

Assignments	20%
Midterm Exam	30%
Final Exam	50%

Assignments: There will be 10 assignments given during the term, one per week. These are given out on Tues (or the previous Thur.) and are due at noon on Fridays.

Seminars: The assignments are usually finished during the seminars. But you do not have time in this one hour period to do all of an assignment.

Midterm: The Midterm Exam will be on Wed. Feb. 20.

Final: The Final Exam time is set by the Registrar's office.