

GRANDE PRAIRIE REGIONAL COLLEGE

Department of Science and Technology

MATH 1150

Winter 1998

Title: Elementary Calculus II

Prerequisite: MA 1130, MA 1140, or MA 1000

Schedule:	Lecture A3	M W F	9:00-9:50	J228
	Seminar AS1	T	9:30-10:50	J227
	Seminar AS2	Th	8:00-9:20	B307

Instructor: Dallas Sawtell
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Phone 539-2989
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Textbooks: Anton, H., Calculus (Brief edition) (5/E)
Herr, A., Student's Solution Manual to Anton's Calculus

Grading:	Assignments	10%
	Worksheets/Quizzes	10%
	Midterm(s)	30%
	Final Exam	50%

Seminars: Worksheets and quizzes

Assignments: There will be approximately 4 assignments. Assignments must be legible and answers must be presented in proper notation. No late assignments will be accepted.

Midterm: There will be 1 or 2 midterms. If a midterm is missed with a good reason, the weight will be put on the final (ie. the final will be worth 80%)

Calculators: Use of calculators is not permitted in the exams/quizzes.

Content:	Applications of integration to areas, volumes, work, arc lengths	6.1-6.5, 6.7, 6.8
	Differentiation and integration of exponential, logarithmic and trigonometric functions	7.1-7.7, 8.1-8.3
	Techniques of integration	9.1-9.8
	Indeterminate forms and improper integrals	10.1-10.3