

GRANDE PRAIRIE REGIONAL COLLEGE
MATH 1130
FALL 2009

Title: Elementary Calculus I (3-2-0) 3 credits

Transfer: UA*, UC*, UL*, AU*, CU, CUC, KUC (from GPRC Calendar)
means important transfer information. Consult the Alberta Transfer
Guide. www.acat.gov.ab.ca

Prerequisite: Pure Math 30

Schedule:	Lecture C2	T R	8:30-10:00	J226
	Seminar CS2	M	2:30-4:30	J202
	Seminar CS1	W	2:30-4:30	J202

Instructor: Dallas Sawtell
Office C204
Phone 539-2989
e-mail dsawtell@gprc.ab.ca

Textbooks: Anton, Bivens, Davis Calculus Single Variable

Grading:	Worksheets	10%
	Quizzes	15%
	Midterm	25%
	Final Exam	50%

Seminars/worksheets: A worksheet will be given out that must be handed in by the end of the seminar for marking.

Quizzes: Quizzes will be held every Thursday starting on Sept 17. Quizzes can not be made up if missed.

Midterm: If the midterm is missed with a good reason, the weight will be put on the final (ie. the final will be worth 75%). A doctors note will be required. The midterm will be during class on Tuesday, Oct. 27.

Final: Finals are held Dec 9 to 18 inclusive (includes Saturdays and evenings). Writing finals early is not permitted.

Calculators: Use of calculators is **not** permitted on the quizzes or exams.

Learning Support Centre: The learning support centre is located in the library. The contact person is Sherron Hutchings for math. There is an evening tutor and peer tutors.

Content:

Section 1.1, 1.3, 1.4, appendix B	Review
Chapter 2	Limits and Continuity
Chapter 3	Derivatives, Implicit Differentiation, Related Rates, Linear Approximation and Differentials
Chapter 4	Increase/Decrease, and Concavity, Maxima and Minima, Curve Sketching, Max/Min Problems, Rolle's and Mean-Value Theorem, and Rectilinear Motion
Chapter 5	Areas, Definite and Indefinite Integrals, Substitution, The Fundamental Theorem of Calculus,
Chapter 6	Area Between Curves

Grading Scheme:	A+	4.0	95-100%	Excellent
	A	4.0	90-94%	
	A-	3.7	85-89%	
	B+	3.3	80-84%	Good
	B	3.0	75-79%	
	B-	2.7	70-74%	
	C+	2.3	66-69%	Satisfactory
	C	2.0	62-65%	
	C-	1.7	58-61%	
	D+	1.3	55-57%	Minimal Pass
	D	1.0	50-54%	
	F	0.0	0-49%	Fail

Note: a grade of D or D+ will NOT meet the prerequisite requirements for other math courses and may not be accepted by other universities.

Plagiarism: See Calendar