

**GRANDE PRAIRIE REGIONAL COLLEGE
DEPARTMENT OF SCIENCE**

**MA1130
Elementary Calculus 3(3, 2, 0)
Winter 2011**

Instructor: Dr. Tanvir Sadiq
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Prerequisite: Pure Math 30

Textbooks: Single Variable Calculus (6th Edition) by James Stewart

Description: Chapter 2: Limits and Continuity
Chapter 3: Derivatives, Implicit Differentiation, Related Rates,
Linear Approximation and Differentials
Chapter 4: Increase/Decrease, Concavity, Maxima and Minima, Curve
Sketching, Max/Min Problems, Rolle's Theorem, Mean-
Value Theorem
Chapter 5: Areas, Definite and Indefinite Integrals, Substitution,
The Fundamental Theorem of Calculus,
Chapter 6: Area between Curves

Delivery Mode: Lecture A3 T & R 08:30 - 09:50 J203
 Seminar AS1/AS2 M/R 14:30 - 16:30 J203

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

Transfer: See GPRC Calendar and ww.acat.gov.ab.ca
**** Grade of D or D+ may not be acceptable for transfer to other post secondary institutions and will not meet the prerequisite requirements for other math courses.** Students are cautioned that it is their responsibility to contact the receiving institutions to ensure transferability.

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

Grading Scheme: The following grading scheme will be used as guideline.

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

Examinations:

Quizzes: Quizzes will be held every Thursday starting on Jan 13. Quizzes can not be made up if missed.

Midterm: Students who miss the mid-term exam for a valid reason, such as illness, will have the weight transferred to the final exam (*i.e.* the final will be worth 75%). In case of illness a doctor's note will be required. The midterm will be during class on Thursday, Feb 17.

Final: Finals are held from April 14 to April 27 inclusive (includes evenings and **ALL Saturdays including the Saturday during Easter weekend**). Writing finals early is not permitted. A doctor's note is required if you miss the final for medical reason.

Calculators: Calculators are **neither required nor permitted** during quizzes, seminars or exams.

Plagiarism and Cheating: See College Calendar regarding penalties.