

# **DEPARTMENT OF SCIENCE**

## MA1150 ELEMENTARY CALCULUS II – 3(3, 1.5, 0) UT 67.5 HOURS

### **WINTER 2012**

INSTRUCTOR: Thomas Kaip OFFICE: J218 PHONE: 539-2963 E-MAIL: tkaip@gprc.ab.ca

**OFFICE HOURS:** TBA

PREREQUISITE(S)/COREQUISITE: MA1130, MA1140 or MA1000

**REQUIRED TEXTS**: Single Variable Calculus; James Stewart 7<sup>th</sup> Ed.

**CALENDAR DESCRIPTION:** Applications of integration to areas, volumes, work, force and arc lengths are included in this course. Differentiation and integration of exponents, logarithmic and trigonometric functions; techniques of integration; indeterminate forms and improper integrals.

CREDIT/CONTACT HOURS: (3-1.5-0) 3 credits

DELIVERY MODE(S): Lecture:	A3	WF	13:00-14:20 J226
Seminars:	AS1	R	14:30-4:20 J227
	AS2	Μ	13:00-14:20 J226

#### TRANSFERABILITY: See www.gprc.ab.ca and www.acat.gov.ab.ca

\*\* Grade of D or D+ may not be acceptable for transfer to other post-secondary institutions and may 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 CRITERIA:**

	GRANDE PRAIRIE REGIONAL COLLEGE				
GRADING CONVERSION CHART					
Alpha Grade	4-point Equivalent	Percentage Guidelines	Designation		
$A^{+}$	4.0	95 – 100	EXCELLENT		
Α	4.0	90 – 94			
A⁻	3.7	85 – 89	FIRST CLASS STANDING		
B <sup>+</sup>	3.3	80 - 84			
В	3.0	75 – 79	GOOD		
B⁻	2.7	70 – 74			
C⁺	2.3	66 - 69	SATISFACTORY		
С	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		
WF	0.0	0	FAIL, withdrawal after the deadline		

**EVALUATIONS:** Assignments 10%

Quizzes 15%

Midterm 25% TBA

Final Exam 50% April 16-26 inclusive including Saturdays and evenings

**STUDENT RESPONSIBILITIES:** Students are responsible for all lecture material, labs and readings. Students are expected to practice the material by doing problems from the textbook. Assignments are not accepted if handed in late. If the midterm is missed due to illness the weight will be put on the final (ie. the final will be worth 75%). If the final is missed due to illness it will be deferred (see calendar for information). A doctor's note and a phone message or email will be required in both cases.

**STATEMENT ON PLAGIARISM AND CHEATING:**Refer to the Student Conduct section of the College Admission Guide at <a href="http://www.gprc.ab.ca/programs/calendar/">http://www.gprc.ab.ca/programs/calendar/</a> or the College Policy on Student Misconduct: Plagiarism and Cheating at <a href="http://www.gprc.ab.ca/about/administration/policies/\*\*">www.gprc.ab.ca/programs/calendar/</a> or the College Policy on Student Misconduct: Plagiarism and Cheating at <a href="http://www.gprc.ab.ca/about/administration/policies/\*\*">www.gprc.ab.ca/programs/calendar/</a> or the College Policy on Student Misconduct: Plagiarism and Cheating at <a href="http://www.gprc.ab.ca/about/administration/policies/\*\*">www.gprc.ab.ca/about/administration/policies/\*\*</a>

\*\*Note: all Academic and Administrative policies are available on the same page.

**COURSE SCHEDULE:** Chapters 5, 6, 7, 8.

NOTE: Some sections in these chapters will be omitted.