

DEPARTMENT OF SCIENCE

COURSE OUTLINE MA 1130 D2 – ELEMENTARY CALCULUS I FALL 2013

INSTRUCTOR: Thomas Kaip **PHONE**: (780) 539-2963

OFFICE: J218 **E-MAIL:** tkaip@gprc.ab.ca

OFFICE HOURS: TR 1-2:20

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PREREQUISITE: Mathematics 30-1 or Pure Mathematics 30 or equivalent

CALENDAR DESCRIPTION: The course will include a review of analytic geometry; functions, limits, continuity; differentiation of elementary functions; applications to maxima, minima and rates; introduction to integration; Fundamental Theorem; numerical integration; and areas and other applications of the definite integral to areas.

CREDIT/CONTACT HOURS: 3 (3-2-0) UT

DELIVERY MODE(S):

Lecture: 13:00-14:20 W F J202 Seminar: 14:30-16:20 W J202

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

STUDENT RESPONSIBILITIES: If an assignment, quiz or exam is missed for a *valid* reason, the weight will be transferred to another component of the course; there will be no rewrites or late assignments accepted. Students are responsible for all lecture material, seminars and readings. Please check Moodle regularly for course information and announcements.

EVALUATIONS: Assignments: 10% Quizzes: 15% Midterm: 25% Final Exam: 50%

^{**}Note: Grade of D or D+ may not be acceptable for transfer to other post-secondary institutions. Students are cautioned that it is their responsibility to contact the receiving institutions to ensure transferability **STATEMENT ON PLAGIARISM AND CHEATING:** Refer to the Student Conduct section of the College Admission Guide at http://www.gprc.ab.ca/programs/calendar/ or the College Policy on Student Misconduct: Plagiarism and Cheating at www.gprc.ab.ca/about/administration/policies/***

^{**}Note: all Academic and Administrative policies are available on the same page.

GRADING CRITERIA:

	ADING 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				
Α-	3.7	85 – 89	FIRST CLASS STANDING			
$B^{^{+}}$	3.3	80 – 84				
В	3.0	75 – 79	GOOD			
В_	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			

COURSE SCHEDULE/TENTATIVE TIMELINE:

Week	Sections	Notes
1. Sept. 2-6	Pre-Calculus Review	Classes begin: Friday, Sept. 6
2. Sept. 9-13	Functions, Limits & Continuity	
3. Sept. 16-20	§1.1-1.6,1.8	
4. Sept. 23-27		
5. Sept. 30-Oct. 4	Differentiation	
6. Oct. 7-11	§2.1-2.9	
7. Oct. 14-18		Monday, Oct. 14 – thanksgiving break
8. Oct. 21-25		Fri. Oct. 25 - Midterm
9. Oct. 28-Nov. 1	Applications of Differentiation	Oct. 30 – last day to withdraw
10. Nov. 4-8	§3.1-3.5,3.7	Fall break – Friday, Nov. 8
11. Nov. 11-15	§3.8 (optional)	Fall break – Monday, Nov. 11
12. Nov. 18-22	Area and Integration	
13. Nov. 25-29	§3.9,4.1-4.5,5.1	
14. Dec. 2-6		
15. Dec. 9-10		Tuesday, Dec. 10 – last day of classes
Dec. 12-21		Final Exams