GPRC

DEPARTMENT OF SCIENCE

COURSE OUTLINE – WINTER 2011
MA 1200 A3 – LINEAR ALGEBRA I

INSTRUCTOR: Brian Redmond   **PHONE:**   780.539.2093

OFFICE: J206   **E-MAIL:** bredmond@gprc.ab.ca

**OFFICE
HOURS:**   T R 14:00 – 16:00

PREREQUISITE: Pure Mathematics 30

REQUIRED TEXT/RESOURCE MATERIALS: Anton-Rorres: Elementary Linear Algebra: Applications Version, 10E, Wiley 2010.

DESCRIPTION: Systems of linear equations and matrices; determinants; geometry of linear systems, orthogonality; general vector spaces, change of basis; eigenvalues, eigenvectors and eigenspaces, diagonalization; applications

CREDIT/CONTACT HOURS: 3 (3-1-0) UT

TRANSFERABILITY: Consult the receiving institution

GRADING CRITERIA:

Assignments: 15%
Quizzes: 15%
Midterm: 20% (Monday, February 28, 2011, in class)
Final Exam: 50% (TBA)

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GRANDE PRAIRIE REGIONAL COLLEGE			
GRADING CONVERSION CHART			
Alpha Grade	**4-point Equivalent**	**Percentage Guidelines**	**Designation**
A⁺	4.0	90 – 100	**EXCELLENT**
A	4.0	85 – 89	
A⁻	3.7	80 – 84	**FIRST CLASS STANDING**
B⁺	3.3	77 – 79	
B	3.0	73 – 76	**GOOD**
B⁻	2.7	70 – 72	
C⁺	2.3	67 – 69	**SATISFACTORY**
C	2.0	63 – 66	
C⁻	1.7	60 – 62	
D⁺	1.3	55 – 59	**MINIMAL PASS**
D	1.0	50 – 54	
F	0.0	0 – 49	**FAIL**
WF	0.0	0	**FAIL, withdrawal after the deadline**

COURSE SCHEDULE:

Lecture:	8:30-9:50	M W	J202
Seminar:	9:00-9:50	F	J202

STATEMENT ON PLAGIARISM AND CHEATING:

Please refer to pages 49-50 of the College calendar regarding plagiarism, cheating and the resultant penalties. These are serious issues and will be dealt with severely.