



DEPARTMENT OF SCIENCE
COURSE OUTLINE – WINTER 2011
MA 1020 A3 – APPLIED LINEAR ALGEBRA

INSTRUCTOR: Brian Redmond **PHONE:** 780.539.2093
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OFFICE HOURS: T R 14:00 – 16:00

PREREQUISITE: MA1000

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

DESCRIPTION: Systems of linear equations and matrices; determinants; general vector spaces; change of basis; eigenvalues, eigenvectors and eigenspaces, diagonalization; inner product spaces, Gram-Schmidt; complex numbers; applications.

CREDIT/CONTACT HOURS: 3.5 (3-1-0) UT

TRANSFERABILITY: Consult the receiving institution

GRADING CRITERIA:

Assignments: 15%
Quizzes: 15%
Midterm: 20% (Tuesday, March 1, 2011, in class)
Final Exam: 50% (TBA)

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:	10:00-11:20	T R	J202
Seminar:	12:00-12:50	M	J228

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.