GRANDE PRAIRIE REGIONAL COLLEGE MATHEMATICS 1200 A3 (Winter 2008) – COURSE OUTLINE

Title: L	inear Algebra I	ĺ					
	ecture A3 eminar AS1	M W	F	8:30 a m - 9:50 a m 9:00 a m - 9:50 a m			
Instructor :	Dr Subhash K Office J206 Phone 539 - 2 e-mail : skarn	093	e.ab.c	a			
Textbook :	Cextbook : Elementary Linear Algebra (Applications Version) - 9 th Edition by Howard Anton & Chris Rorres (John Wiley & Sons)						
Grading :	Assignments Quizzes Mid-term Exa Final Exam	am	1: 2:	0 % 5 % 5 % 0 %			

Exam Schedule :

Mid-term Exam - Wednesday February 13, 2008 (Tentative) 8:30 a m - 9:50 a m

Final Exam as per Registrar's Schedule to be published in April 2008.

Students must write the quizzes and exams at the scheduled times.

Turn over ...

Course Description

MA 1200 3 (3 - 1 - 0) UT 60 Hours

Pure Math 30 is a pre-requisite for this course.

(Credit will be granted for only one of MA 1020 or MA 1200.)

From Alberta Transfer Guide :

In the Province of Alberta this course is transferable as follows :

Athabasca	MATH 270(3)	Augustana UC	MAT 120(3)
Canadian U	C MATH 1xx(3)	Concordia UC	MAT 120(3)
King's UC	MATH 221(3)	U of A	MATH 120(3)
U of C	MATH 211(3)	U of L	MATH 1410(3)

The following topics are covered in this course :

Systems of Linear Equations Reduced Row Echelon Form and Gauss-Jordan Elimination Vector and Matrix Algebra Determinants Cramer's Rule Vector Spaces and Subspaces Linear Combinations, Linear Span, Linear Dependence & Independence Basis and Dimension Eigenvalues and Eigenvectors Applications