Grande Prairie Regional College
Academic Upgrading Department

INTRODUCTION TO MATH 0110

Instructor=s name: _____

Instructor=s office: _____ Phone number: _____

This course is divided into 9 separate units called modules. The instructions are given in the modules along with several examples and exercises. Study the instructions and work through the examples before starting the exercise. The answers for the exercises are given at the end of the module. Check your work **often.**

The key to success in working with modules **is to ask questions** whenever you have difficulty understanding the instructions, the examples or the exercises. **Do not hesitate to ask for help.**

After each module you must write a post-test. A passing mark of 60% is required on the post-test before continuing on to the next module. If you are unable to attain this mark, you must review the material and rewrite the test. The first and second test mark will be averaged.

A 50 minute midterm which will cover the first five modules must be written by a **compulsory date**. If you miss this date you will receive a mark of 0% on your midterm. Upon completion of all the course modules you will write a three hour final exam. Be sure to allow time to write these important exams! They are worth a large percentage of your final grade.

The recommended test date for each module and the midterm is on the back. If you are ready to write a test early, you may do so. **Consult your instructor immediately if you find yourself falling behind schedule.** It may be necessary to reassess your math skills to ensure that you are placed in a course where you can be successful.

Your final mark is determined by:

9 module tests	45%	
Midterm		20%
Final Exam		35%

You require a scientific calculator, with the following functions:

EXP, $\sqrt{x}$, sin, cos, tan, y^x, π

BONUS
When you write your module tests on or before the given date, you will receive an additional 2% on each test score.

MA0110 - Fall 2003

Module	TOPIC/DESCRIPTION	Recommended Time & Test Date	Date you wrote	Your mark
1	Review	8 days Sept. 11		
2	Polynomials - evaluating polynomials; - four basic operations	7 days Sept. 22		
3	Factoring - common factors, trinomials and difference of squares; solving by factoring	7 days Oct. 1		
4	Radicals & Exponents -simplify radicals, four basic operations with radicals, rationalize denominators and rational exponents	7 days Oct. 10		
5	Probability	4 days Oct. 17		
	MIDTERM - must be written on or before	**Tuesday Oct. 21**		
6	Coordinate Geometry I - Line Segments - distance between points; midpoints, slope; parallel and perpendicular line segments	8 days Oct. 31		
7	Coordinate Geometry II - The Straight Line - rectangular co-ordinate system; equations of lines; graphing linear equations and inequalities	8 days Nov. 14		
8	Introductions to Relations and Functions -relations; functions; evaluating functions; linear functions; direct variation;	8 days Nov. 26		
9	Trigonometry - Pythagorean Theorem; sin, cos, tan; applications	6 days Dec. 8		
	FINAL EXAM - 3 HOURS	**T.B.A.**		