Grande Prairie Regional College
Academic Upgrading Department

INTRODUCTION TO MA0105

Instructor's name: _____

Instructor's office: _____ Phone number: _____

This course is divided into 10 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. Students unable to attain this mark must review the material and rewrite the test to continue. 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. **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:

10 module tests	40%
Midterm	20%
Final Exam	40%

You will find a calculator, with the following functions, helpful in this course:

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

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

MA0105 -Fall 2003

Module	TOPIC/DESCRIPTION	Recommended Time & Test Date	Date you wrote	Your mark
1	Basic Arithmetic -four basic operations with whole numbers, decimals & fractions; place value - complex fractions and applications	8 days Sept. 12		
2	Measurement - metric units of length, weight, volume, time and temperature	5 days Sept. 19		
3	Integers -four basic operations exponents -order of operations	11 days Oct. 6		
4	Introduction to Algebra - basic algebraic concepts; order of operations; - evaluating expressions	5 days Oct. 14		
5	Equations - solving simple linear equations	5 days Oct. 21		
	MIDTERM - must be written on or before	**Thursday Oct. 23**		
6	Ratio and Proportion - ratio, rate, proportion; applications	6 days Oct. 31		
7	Percent - changing fractions and decimals to percent and vice versa; percent proportions; depreciation	6 days Nov. 12		
8	Interest - calculating simple interest, rate & time; - compound interest	5 days Nov. 19		
9	Payroll and Banking - paychecks, hourly wage; salary; commission; piecework; overtime, deductions; banking records	7 days Nov. 28		
10	Geometry - plane geometry	6 days Dec. 8		
	FINAL EXAM - 3 HOURS	**TBA**		

Ú In Math 0105, a calculator **WILL NOT BE USED** until after the midterm