

NOV 20 2000

Grande Prairie Regional College
Academic Upgrading Department

INTRODUCTION TO MATH 0090

This course is divided into 11 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.

All students will be required to write a 50-minute midterm, which will cover the first 4 modules. Upon completion of all modules the student will write a three hour final exam.

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:

9 module tests	45%
Midterm	15%
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 midterm on or before the given date, you will be awarded an additional 5% on your score.

MATH 0090 - FALL 2000

Module	TOPIC/DESCRIPTION	Recommended Time & Test Date	Date you wrote	Your Mark
1	Basic Arithmetic - order of operations, exponents, square roots -fractions - four basic operations -decimals - four basic operations	1½ weeks Sept. 15		
2	Integers -four basic operations -order of operations	1½ weeks Sept. 27		
3	Introduction to Algebra -basic algebraic concepts -evaluating expressions	1 week Oct. 4		
4	Equations -solving simple linear equations	1½ weeks Oct. 13		
	MIDTERM EXAM - 50 minutes	Oct. 18		
5	Percent -changing percent to decimals & fractions -changing decimals and fractions to percent -the percent proportion	1½ weeks Oct. 31		
6	Geometry (red) -plane geometry -perimeter	1½ weeks Nov. 9		
7	Area & Volume (red)	1½ weeks Nov. 21		
8	Intro to Graphing	1 week Nov. 28		
9	Statistics -organize data, graphs -measures of central tendency	2 weeks Dec. 12		
	FINAL EXAM - 3 HOURS	TBA		

In Math 0090, a calculator WILL NOT BE USED until after the midterm