Grande Prairie Regional College
Academic Upgrading Department

# INTRODUCTION TO MATH 0090

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 four 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:

| | |
|---|---|
| 9 module tests | 36% |
| Midterm | 20% |
| Final Exam | 44% |

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

EXP, , sin, cos, tan, %, ,

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

**MATH 0090 - Fall 2003**

| Module | TOPIC/DESCRIPTION | Recommended Time & Test Date | Date you wrote | Your Mark |
|---|---|---|---|---|
| 1 | Basic Arithmetic<br>-four basic operations with whole numbers, decimals & fractions; place value<br>- complex fractions and applications | 8 days<br>Sept. 12 | | |
| 2 | Integers<br>-four basic operations exponents<br>-order of operations | 9 days<br>Sept. 25 | | |
| 3 | Introduction to Algebra<br>-basic algebraic concepts<br>-evaluating expressions | 5 days<br>Oct. 2 | | |
| 4 | Equations<br>-solving simple linear equations | 6 days<br>Oct. 10 | | |
| | MIDTERM B must be written on or before | **Tuesday**<br>**Oct. 15** | | |
| 5 | Percent<br>-changing percent to decimals & fractions<br>-changing decimals and fractions to percent<br>-the percent proportion | 8 days<br>Oct. 28 | | |
| 6 | Language of Geometry<br>-plane geometry & metric review | 7 days<br>Nov. 5 | | |
| 7 | Dimensional Geometry<br>-perimeter, area, volume, and surface area | 8 days<br>Nov. 20 | | |
| 8 | Intro to Graphing | 4 days<br>Nov. 25 | | |
| 9 | Statistics<br>-organize data, graphs<br>-measures of central tendency | 10 days<br>Dec. 8 | | |
| | **FINAL EXAM - 3 HOURS** | TBA | | |

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