



# Grande Prairie Regional College

## School of Business

### Department: Academic Upgrading

#### COURSE OUTLINE—WINTER 2006

#### INTRODUCTION TO MATH 0060

Instructor's name: William Shaw

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Instructor's office: C207

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#### **Calendar Description:**

MA 0060 Basic Mathematics I 5 (5-0-0) Time: 75 Hours

Description: This course is an individualized program of study which covers a review of reading, writing and rounding of whole numbers, if required, as well as whole number addition, subtraction, multiplication and division. Problem solving is emphasized throughout, and squares, square roots, and the order of operations are introduced.

Prerequisite: Appropriate math placement test score and [EN0080](#) placement

#### **Resource requirements:**

Modules will be provided. An auxiliary fee has been charged for the use of these modules.

#### **Attendance:**

Regular attendance is expected of all students in all mathematics courses. Your success in math is directly linked to your attendance. Attendance will be taken during class. Any student **missing more than 15 classes may be debarred from writing the final exam.**

#### **Course Delivery and Evaluation:**

This course is divided into 6 separate units called modules. The instructions for each topic are given in the modules, followed by several examples and exercises. Study the instructions and work through the examples before starting each exercise.

The answers for each exercise are given at the end of the module. Check your work **often** to make sure you understand each new topic.

**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 test. When writing a test be sure to show all of your work on the test paper. Marks are given for method as well as final answer. A passing mark of 70% is required on the 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.

Upon completion of all the course modules, you will write a three hour final exam. Be sure to leave time to prepare for this important exam! It is worth a large percentage of your final grade.

The recommended test date for each module is on the next page. Follow these dates as closely as you can. You are encouraged to write a test early if you are prepared. **Consult your instructor immediately if you find yourself falling behind schedule.** Your instructor may need to reassess your math skills to ensure that you are placed in a course where you can be successful. **All module tests must be written by April 12, 2006.**

**Bonus**

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

Your final mark is determined by:

6 module tests	60%
Final Exam	40%

Final grades are given as follows:

Alpha Grade	4-Point Equivalent	Percentage Guidelines	Designation
A+	4.0	90 - 100	Excellent
A	4.0	85 - 89	
A-	3.7	80 - 84	First Class Standing
B+	3.3	76 - 79	
B	3.0	73 - 75	Good
B-	2.7	70 - 72	
C+	2.3	67 - 69	Satisfactory
C	2.0	64 - 66	
C-	1.7	60 - 63	
D+	1.3	55 - 59	Minimal Pass
D	1.0	50 - 54	
F	0.0	0 - 49	Fail

**MA0060 - Winter**

Module	DESCRIPTION	Recommended Time & Test Date	Date written	Mark
1A	Reading, Writing and Rounding Whole Numbers	11 days Jan. 18		
1B	Addition of Whole Numbers	10 days Feb. 1		
1C	Subtraction of Whole Numbers	10 days Feb. 15		
1D	Multiplication of Whole Numbers	10 days March 8		
1E	Division of Whole Numbers	14 days March 28		
1F	Exponents, Square Roots, Order of Operations, Problem Solving - All Topics	11 days April 12		
	Final Exam (Modules 1A-1F)	<b>TBA</b> <b>( April 17 - 26)</b>		