



Grande Prairie Regional College
Department: Academic Upgrading

COURSE OUTLINE—WINTER 2008

INTRODUCTION TO MATH 0125

Instructor: _____
Instructor's office: _____

Phone number: _____
Email: _____

Calendar Description:

MA 0125 Mathematics Grade 11 Equivalent 5 (5-0-0) Time: 75 Hours

Description: The course includes number systems, exponents, polynomials, equations and inequalities, systems of equations, graphing, ratio and variation, accounting, investments and statistics.

Prerequisite: [MA 0110](#) or equivalent, or [MA 0115](#), or equivalent math placement test score.

Resource requirements:

Scientific calculator

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 10 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 your method as well as the final answer. A passing mark of 60% 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 marks will be averaged.

A 50-minute midterm, which will cover the first five modules, must be written by **Tuesday, February 26**. 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 leave time to prepare for 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 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 tests must be written by April 11, 2008.**

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:

10 module tests	50%
Midterm	15%
Final Exam	35%

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	<i>Fail</i>

MA 0125 – Winter 2008

Module	TOPIC/DESCRIPTION	Recommended Time & Test Date	Date written	Your mark
1	Number Systems - sets, order of operations - fractions, decimals	6 days January 10		
2	Exponents - laws of exponents - scientific notation	6 days January 18		
3	Polynomials - evaluating polynomials - four basic operations	8 days January 30		
4	Equations and Inequalities	7 days February 8		
5	Graphing	5 days February 15		
	MIDTERM - must be written on or before	Tuesday February 26		
6	Systems of Equations	6 days March 5		
7	Statistics	5 days March 12		
8	Accounting	6 days March 20		
9	Ratio and Variation	7 days April 1		
10	Investments	7 days April 10		
	FINAL EXAM - 3 HOURS	To be announced (April 14 - 24)		