Grande Prairie Regional College
Department: Academic Upgrading

COURSE OUTLINE—WINTER(Evening) 2008

INTRODUCTION TO MATH 0080

Instructor's name: Katrina Kloster Phone number: 539-2810; 532-0970 (h)
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Instructor's office: C220 Email: kkloster@gprc.ab.ca
Office Hours: 5:30 – 6:00 pm or by appointment

Calendar Description:

MA 0080 Basic Mathematics II 5 (5-0-0) Time: 75 Hours
Description: This course is an individualized program of study which covers whole numbers, decimals, fractions, metric measurement, ratio, proportion, introductory geometry, introductory statistics, and problem solving.
Prerequisite: MA0060 or equivalent math placement test score

Resource requirements:

Package of MA0080 modules, Updated 2003

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 6 classes may be debarred from writing the final exam**.

Course Delivery and Evaluation:

This course is divided into 8 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 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 mark will be averaged.

A 50-minute midterm, which will cover the first five modules, must be written by **Tuesday, February 26th**. 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 10th, 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:

8 module tests	48%
Midterm	17%
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	*Fail*

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Module	DESCRIPTION	Recommended Time & Test Date	Date written	Your mark
1	Whole Numbers - reading and writing, rounding - four basic operations, order of operations - exponents, square roots and word problems	9 days Jan. 15 Tuesday		
2	Decimals - reading, writing and rounding - four basic operations, order of operations	7 days Jan. 24 Thursday		
3	Introduction to Fractions	5days Jan. 31 Thursday		
4	Operation with Fractions - four basic operations, complex fractions - word problems	10 days Feb. 14 Thursday		
	Midterm - must write on or before this date	**Tuesday February 26th**		
5	Measurement - linear measurement, mass and volume - converting within metric system - time and temperature	7 days March 6 Thursday		
6	Geometry - perimeter, area and volume	9 days March 20 Thursday		
7	Ratio and Proportion - simplifying and reducing ratios - rates and proportions - similar figures	10 days April 3 Thursday		
8	Statistics - measures of central tendency - GPA, tables - Bar, line, and circle graphs, pictographs	5 days April 10 Thursday		
	Final Exam	**TBA (Apr. 14-24)**		