

## INTRODUCTION TO MATH 100

This course is divided into 14 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 test mark for each module will count 3% towards the final grade. On a prescribed date, halfway through the semester, all students will be required to write a 1 hour midterm which will cover the first 8 modules. Any unwritten test before the midterm date will be given a grade of zero as the first test mark.

Upon completion of all modules, you will write a 3 hour final exam. Attached is the recommended test date for each module as well as the compulsory date for the midterm.

Your final mark is determined by:

14 module test	42%
Midterm	20%
Final Exam	38%

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

EXP,  $\sqrt{x}$ , sin, cos, tan,  $y^x$ ,  $\pi$

MATH 100 - Fall and Winter

		Recommended Time/ Test Date
Module 1	Whole Numbers - four basic operations - order of operations - exponents and square roots	4 days Sept. 12
Module 2	Fractions - four basic operations - order of operations - prime factors, L.C.M.	1 week Sept. 19
Module 3	Decimals - four basic operations - order of operations	1 week Sept. 23
Module 4	Measurement	1 week Sept. 28
Module 5	Ratio and Proportion	4 days Oct. 3
Module 6	Percent	1 week Oct. 7
Module 7	Geometry - plane geometry	4 days Oct. 13
Module 8	Area and Volume	1 week Oct. 20
Midterm		Oct. 25
Module 9	Signed Numbers - four basic operations - order of operations - sets	1 week Nov. 1
Module 10	Algebraic Terms - four basic operations	1 week Nov. 8
Module 11	Equations	1 weeks Nov. 15
Module 12	Language of Algebra - writing algebraic expressions - writing algebraic equations - word problems	1 week Nov. 22
Module 13	Literal Equations - evaluating expressions, formulas - rearranging formulas	1 week Nov. 30
Module 14	More Algebra	2 weeks Dec. 9
Final Exam	3 Hours	TBA