

### INTRODUCTION TO MATH 0115

This course is divided into 10 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 and second test mark will be averaged.

All students will be required to write a 50 minute midterm which will cover the first 5 modules. Upon completion of all modules the student will write a three hour final exam.

On the back is the recommended test date for each module and the midterm.

Your final mark is determined by:

10 module tests	40%
Midterm	15%
Final Exam	45%

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

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

MATH 0115 - WINTER 1997

MODULE	TOPIC/DESCRIPTION	RECOMMENDED TIME/TEST DATE
1	Fractions and Decimals - review fractions, decimals and percent	1½ weeks Jan 15
2	Insurance	1 week Jan 22
3	Discounts - trade discounts, discount series - cash discounts	1½ weeks Jan 31
4	Markup and Markdown - selling price	1½ weeks Feb 10
5	Consumer Credit	1 week Feb 18
<b>MIDTERM EXAM</b>		<b>February 20</b>
6	Algebraic Terms - four basic operations	1½ weeks March 7
7	Equations	1 week March 13
8	Language of Algebra - writing algebraic expressions - writing algebraic equations - word problems	1 week March 20
9	Geometry -perimeter, area and volume	1 week March 27
10	Trigonometry - Pythagorean Theorem - sin, cos, and tan	2 weeks April 10
<b>FINAL EXAM - 3 HOURS</b>		<b>T.B.A.</b>