93-94

INTRODUCTION TO MATH 0110

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 example before starting the exercises. 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. However, only the first mark will count towards the final grade. Half way through the semester, all students will be required to write a midterm (ONE HOUR) on a prescribed date which will cover the first five modules. Upon the completion of all modules, you will write a final exam (3 HOURS) for which the pass mark is 50%. Attached is the recommended test dates for each module as well as the compulsory date for the midterm.

You will need a calculator with the following functions for this course:

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

The final grade will be determined as follows:

Module Tests	30%
Midterm	20%
Final Exam	50%

MATH 0110
FALL SEMESTER 1993

		Recommended Time/ Test Date
Module 1	Review - number systems - fractions - percents	1.5 weeks Sept 16
Module 2	Exponents - laws of exponents - scientific notation	1 week Sept 23
Module 3	Polynomials - evaluating polynomials - four basic operations	1.5 weeks Oct 4
Module 4	Equations and Inequalities - solving first degree equations and inequalities	1.5 weeks Oct 14
Module 5	Trigonometry - Pythagorean Theorem - sin, cos, tan; applications	1 week Oct 21
	MID-TERM (1 HOUR)	**OCT 25**
Module 6	Factoring - common factors, trinomials and difference of squares - solving by factoring	1.5 weeks Nov 3
Module 7	Graphing - rectangular co-ordinate system - graphing linear equations and inequalities	1 week Nov 10
Module 8	Coordinate Geometry - distance between points - midpoints, slope - equations of lines	2 weeks Nov 24
Module 9	Ratio and Variation - ratios, rates, proportions; direct, inverse, joint and combined variation	1 week Dec 2
Module 10	Statistics - organize data - graphs - measures of central tendency	1 week Dec 10
	FINAL EXAM (3 HOURS)	**T.B.A.**