INTRODUCTION TO MATH 0135

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 test. A **passing mark of 50%** is required on the test before continuing on to the next module. Students unable to attain this mark must review the material and rewrite the test. The first and second test marks will be averaged.

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

The recommended test date for each module and the midterm is on the back. **Consult your instructor immediately if you find yourself falling behind schedule.** It may be necessary to reassess your math skills to ensure that you are placed in a course where you can be successful.

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, π, %

BONUS

When you write your midterm and/or final exam on or before the given date, you will receive an additional 5% on each of these scores.

MATH 0135 - FALL 1998

MODULE	TOPIC/DESCRIPTION	RECOMMENDED TIME/TEST DATE
1	Review - signed numbers, order of operations, fractions, polynomials, equations, inequalities & number line graphs	1 week Sept. 9
2	Exponents & Radicals - rational exponents, four basic operations on exponents and radicals, solving radical equations	1½ weeks Sept. 21
3	Factoring	1½ weeks Sept. 30
4	Rational Expressions - non permissible values, simplifying, four basic operations, equations	1½ weeks Oct. 9
5	Quadratic Equations - solving by factoring & quadratic formula - nature of roots, applications	1 week Oct. 16
	MIDTERM EXAM	**Oct. 20**
6	Coordinate Geometry	2 weeks Nov. 4
7	Trigonometry - special triangles, angles on a coordinate system, ratios, right triangles, Sine & Cosine laws	1½ weeks Nov. 13
8	Annuities	1 week Nov. 20
9	Statistics	1 week Nov. 20
10	Probability	1 week Dec. 4
	FINAL EXAM - 3 HOURS	**T.B.A.**