INTRODUCTION TO MATH 0105

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 mark for the module will be the average between the original score and the mark from the rewrite.

The test mark for each module will count 4% towards the final grade. Halfway through the semester, all students will be required to write a 1 hour midterm which will cover the first 5 modules.

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 date for the midterm. **Consult your instructor immediately if you find yourself falling behind schedule.**

Your final mark is determined by:

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

MATH 0105 OUTLINE FALL 1995

MODULE	TOPIC/DESCRIPTION		RECOMMENDED TIME/ TEST DATE
1	Review - order of operations, exponents, square roots - fractions - four basic operations - decimals - four basic operations		1 1/2 Weeks Sept. 18
2	Measurement metric units of length, weight, volume, time and temperature		1 Week Sept. 25
3	Signed Numbers - four basic operations - order of operations - sets		1 Week Oct. 3
4	Introduction to Algebra basic algebraic concepts; order of operations; evaluating expressions		1 1/2 weeks Oct. 13
5	Equations - solving simple linear equations		1 1/2 Weeks Oct. 23
	MIDTERM EXAM	**1 HOUR**	**Oct. 25**
6	Ratio and Proportion - ratio, rate, proportion; applications		1 1/2 Weeks Nov. 3
7	Percent - changing fractions and decimals to percent and vice versa; percent proportions; depreciation		1 Week Nov. 10
8	Interest calculating simple interest, rate & time; compound interest		1 Week Nov. 20
9	Payroll and Banking paychecks, hourly wage; salary; commission; piecework; overtime, deductions; banking records		1 Week Nov. 28
10	Geometry - plane geometry		1 1/2 Weeks Dec. 7
	FINAL EXAM	**3 HOURS**	**T.B.A.**