

INTRODUCTION TO MATH 0100

Instructor's name: _____

Instructor's office: _____ Phone number: _____

This course is divided into 10 separate units called modules. The instructions for each topic are given in the modules, followed by several examples and exercises. Study the instructions and work through the examples before starting each exercise. The answers for each exercise are given at the end of the module. Check your work **often** to make sure you understand each new topic.

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. If you are unable to attain this mark, you must review the material and rewrite the test. The first and second test mark will be averaged.

After you complete the first 5 modules, you will write a 50-minute midterm. Upon completion of all the course modules you will write a three hour final exam. Be sure to allow time to write these important exams! They are worth a large percentage of your final grade.

The recommended test date for each module and the midterm is on the back. Stick to these dates as closely as you can. If you are ready to write a test early, you may do so. **Consult your instructor immediately if you find yourself falling behind schedule.** Your instructor may need 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	20%
Final Exam	40%

You require a scientific calculator, with the following functions, helpful in this course

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

BONUS

When you write your midterm on or before the given date, you will be awarded an additional 5% on your score.

MATH 0100 - Fall 2002

Module	TOPIC/DESCRIPTION	Recommended Time & Test Date	Date you wrote	Your Mark
1	Review - basic notations - decimals, fractions & integers - four basic operations - order of operations, & percent	5 days Sept. 10		
2	Numbers - sets	3 days Sept. 13		
3	Exponents - laws of exponents - scientific notation	8 days Sept. 25		
4	Introduction to Polynomials - four basic operations	9 days Oct. 8		
5	Products and Factoring - FOIL, common factor, trinomials - difference of squares	9 days Oct. 22		
	MIDTERM EXAM	Oct. 24		
6	Equations and Inequalities -evaluating expressions, formulas -rearranging formulas	10 days Nov. 7		
7	Language of Algebra -writing algebraic expressions -writing algebraic equations -word problems	5 days Nov. 15		
8	Geometry -plane geometry	5 days Nov. 22		
9	Trigonometry - congruent & similar triangles - Tangent, Sine & Cosine with applications	6 days Dec. 2		
10	Graphs & Data Analysis	4 days Dec. 6		
	FINAL EXAM - 3 HOURS	TBA		