

INTRODUCTION TO MATH 0100

This course is divided into 11 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:

| | |
|-----------------|-----|
| 11 module tests | 44% |
| Midterm | 12% |
| Final Exam | 44% |

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

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

MATH 0100 - 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 | 1½ weeks September 18 |
| 2 | Measurement | 1 week September 22 |
| 3 | Signed Numbers -four basic operations -order of operations -sets | 1 week September 29 |
| 4 | Algebraic Terms -four basic operations | 1½ weeks October 10 |
| 5 | Equations | 1 week October 18 |
| MIDTERM EXAM | | October 23 |
| 6 | Literal Equations -evaluating expressions, formulas -rearranging formulas | 1 week October 30 |
| 7 | Language of Algebra -writing algebraic expressions -writing algebraic equations -word problems | 1 week November 6 |
| 8 | Geometry -plane geometry | 1 week November 13 |
| 9 | Area & Volume | 1 week November 20 |
| 10 | Ratio, Proportion and Percent | 1½ weeks November 29 |
| 11 | Intro to Graphing | 1 week December 6 |
| FINAL EXAM - 3 HOURS | | T.B.A. |

★ In Math 0100, a calculator WILL NOT BE USED until after the midterm