93 94 F. Tesar

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 first test mark for each module will count 3% towards the final grade. On a prescribed date, halfway through the semester, all students will be required to write a 1 hour midterm which will cover the first 5 modules. Any unwritten test before the midterm date will be given a grade of zero as the first test mark.

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 compulsory date for the midterm.

Your final mark is determined by:

10 module tests	30%
Midterm	20%
Final Exam	50%

MATH 0105 OUTLINE Fall 1993

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. 20
2	Measurement metric units of length, weight, volume, time and temperature	1 Week	Sept. 27
3	Signed Numbers - four basic operations - order of operations - sets	1 Week	Oct. 4
4	Introduction to Algebra basic algebraic concepts; order of operations; evaluating expressions	1 Week	Oct. 12
5	Equations - solving simple linear equations	1 1/2 Weeks	Oct. 25
	MIDTERM EXAM	**1 HOUR**	**Oct. 28**
6	Ratio; Proportion and Percent	2 Weeks	Nov. 10
7	Interest calculating simple interest, rate & time; finding principal and a future amount; present value; compound interest	1 1/2 Weeks	Nov. 22
8	Payroll and Banking paychecks, hourly wage; salary; commission; piecework; overtime, deductions; banking records	1 Week	Nov. 29
9	Investments - stocks, bonds, GIC's, mutual funds - determining commission and yield	1 Week	Dec. 3
10	Geometry - plane geometry	1 1/2 Weeks	Dec. 10
	FINAL EXAM	**3 HOURS**	**T.B.A.**