INTRODUCTION TO MATH 0131

This course is divided into 9 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 50% 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 second test score will be averaged with the first to calculate your course mark.

All students are expected to write a midterm exam covering the first five modules on the date shown.

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:

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

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 0131 - FALL 1998

MODULE	TOPIC/DESCRIPTION	RECOMMENDED TIME/TEST DATE
1	Introduction to Limits	1½ weeks Sept. 14
2	Tangents and Rates of Change	1 week Sept. 21
3	Sequences and Series	1 week Sept. 28
4	Introduction to Derivatives	1½ weeks Oct. 7
5	Maxima and Minima - word problems	1½ weeks Oct. 19
	MIDTERM EXAM	**Oct. 22**
6	Derivatives of Functions - chain rule - product rule - quotient rule	1½ weeks Nov. 2
7	Tangents, Derivatives and Graphs	1½ weeks Nov. 12
8	Further Applications of Derivatives	1½ weeks Nov. 24
9	Anti-Derivatives and Area	1½ weeks Dec. 4
	FINAL EXAM - 3 HOURS	**T.B.A.**