SAULT COLLEGE OF APPLIED ARTS & TECHNOLOGY

SAULT STE. MARIE, ONTARIO

COURSE OUTLINE

Course Title: MATHEMATICS

Code No.: MTH 114-4

Program: BUSINESS

Semester: II

Date: JUNE 1989
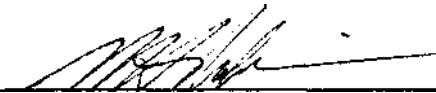
Author: J. GLOWACKI

New: Revision: X

APPROVED: _____   Date _____
          Chairperson

CALENDAR DESCRIPTION

MATHEMATICS   MTH114-4

COURSE NAME   COURSE NUMBER

PHILOSOPHY/GOALS:

The goals of the course are to develop logical reasoning and the ability i
estimate approximate answers. Also, the development of the student's
knowledge and skill in computation of financial problems relating to
business and the skill in using current formulas and forming accurate
answers is essential to this course.

METHOD OF_ ASSESSMENT (GRADING METHOD);

Periodic tests and daily assignments based on material in course outline
will be given during the semester. A final make-up test at the end of t
semester will be at the discretion of the instructor.

The final mark will be based on four unit tests, each representing 25% c
the final mark.

Grading: A+ = 90-100%
          A   = 80-89%
          B   = 65-79%
          C   = 55-64%
A passing grade will be based on a minimum grading of 55%. Students
obtaining a grade of 40-54% may be allowed to write a make-up test.
However, only students who have attended at least 80% of the math clas
will be considered for a make-up test.

TEXTBOOK(S):

Hummelbrunner, S.A., Contemporary Business Math, Second Edition;
Prentice-Hall

BUSINESS MATHEMATICS
MTH 114-4

TOPIC NO.	PERIODS	TOPIC DESCRIPTION	REFERENCES
1	10	Simple interest, graphical presentations promissory notes, simple and bank discount	p. 327-358
2	12	Compound interest - amount and present value, discounting promissory notes, special problems	p. 426-502
3	18	Ordinary simple annuities Annuities due Deferred annuities Perpetuities	p. 503-610
4	10	General annuities-deferred General annuities-present value Amortization and sinking funds	p. 611-723
5	5	Bond valuation - purchase price Premium and discount book value yield rate	p. 724-768