SAOLT COLLEGE OF APPLIED ARTS & TECHNOLOGY

SAULT STE. MARIE, ONTARIO

COURSE OUTLINE

Course Title: BUSINESS MATHEMATICS

Code No.: MTH **104-2**

Program: **HOTEL AND RESTAURANT MANAGEMENT**

Semester: **2**

Date: **JANUARY 1989**

Author: **J. GLOWACKI**

New: Revision: **X**

APPROVED: **MA**
Chairperson

Date *Qlc zzfft*

MATHEMATICS   MTH 104-2

Course Name   **Course Number**

PHILOSOPHY/GOALS:

The objectives of this course are to increase the student's accuracy
and skill in performing business arithmetic calculations and
operations. Topics covered are percentages and ratios, simple and
compound interest, tax mathematics, discounts, mark-up and metric system,

METHOD OF ASSESSMENT (GRADING METHOD):

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

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

GRADING
A+ = 90--100
A = 80--89%
B = 65--79%
C = 55--64%
R = 0--54%

A passing grade will be based on a minimum grading of 55%. Students
obtaining a grade of 45-54% may be allowed to write a rewrite test.
However, only students who have attended at least 80% of the math
classes will be considered for a rewrite test.

TEXTBOOK(S):

Mathematics For Business Careers - Cain and Carman (Wiley)

BUSINESS MATHEMATICS
MTH 104-2

Topic No.	Periods	Topic Description	Reference
1	4	FRACTION & DECIMALS Addition and subtraction Multiplication and division Converting fractions to decimals	P. 43-117
2	4	PERCENTAGES Converting fractions and decimals to percents Solving word problems	P. 119-147
3	4	BUYING AND SELLING Trade discounts Cash discounts Markup based on cost and selling	P. 149-201
4	4	SIMPLE INTEREST Accurate simple interest Maturity value Solving for other interest variables	P. 249-285
5	4	COMPOUND INTEREST Bank discount Compound interest formula Present value	P. 287-311
6	4	CONSUMER MATH Installment loans Revolving charge account	P. 337-371
7	4	MEASUREMENT Metric System Perimeter, area, volume	P. 557-562 P. 375-389