

SAULT 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:
Date: JANUARY 1988
Author: J. GLOWACKI

New:

Revision:

APPROVED:


Chairperson

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fflarttuWS
Date

CALENDAR DESCRIPTION

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 make-up 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%

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 classes will be considered for a make-up test.

TEXTBOOK(S);

Mathematics For Business Careers - Cain and Carman (Wiley)

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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