

SAULT COLLEGE OF APPLIED ARTS & TECHNOLOGY
SAULT STE. MARIE, ONTARIO

COURSE OUTLINE

Course Outline: COMPUTER PROGRAMMING AND APPLICATIONS

Code No.: EDP 200

Program: BUSINESS - ACCOUNTING

Semester: TWO

Date: JANUARY, 1987

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New: _____ Revision: X

APPROVED: *J. Mitchell*
Chairperson

87-01-07
Date

COMPUTER PROGRAMMING & APPLICATIONS

EDP 200

Course Name

Course Number

Philosophy/Goals:

1. Knowledge of the "BASIC" programming language in the areas of data entry, program control, subroutines, arrays, functions, sequential and relative data files.
2. Application of the above "BASIC" programming language areas to accounting related computer programs.

Method of Assessment (Grading Method):

-Regular tests (2 @ 30)	-	60%
-Assignments & Participation	-	40%
-Final Test	-	30%*

*Required for those failing/missing one of the regular term tests provided all assignments have been completed and student has attended classes/lab regularly.

Grading:

A	- 80%- 100%	- outstanding achievement
B	- 70%- 79%	- consistently above average achievement
C	- 55%- 69%	- satisfactory or acceptable achievement
R	- under 55%	- Repeat - student has not achieved the objectives of the course and the course must be repeated

Textbook(s):

"Vax Basic" - D. Weinman and B. Kurshaw

SESSIONS/WEEKS	MATERIAL	CHAPTER
1	- Course Overview - Problem Solving & system analysis - VAX - DCL commands	Notes
2 & 3	- BASIC commands/statements - Number, variables, operations - Program control (GOTO, IF/THEN, FOR/NEXT, WHILE, UNTIL) - Printing using	1-5, 7
4 & 5	- Arrays - building, sorting and searching - Subroutines - Menus	6,8
6	- TEST #1 - Numeric/String Functions	8,9
7	<u>MAJOR ASSIGNMENT #1</u>	
8	- Data Files - sequential - record layouts - creating	11
9	- Data Files - reading - adding - searching - updates	11
10	<u>MAJOR ASSIGNMENT #2</u>	
11 & 12	- Data Files - relative - error routines - creating - updating	Notes
13	- TEST #2 <u>MAJOR ASSIGNMENT #3</u>	
14 & 15	- Minitab	Notes
16	- Final Exam - Final Assignments	