

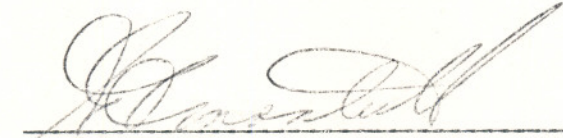
SAULT COLLEGE OF APPLIED ARTS & TECHNOLOGY  
SAULT STE. MARIE, ONTARIO

COURSE OUTLINE

Course Title: COMPUTER PROGRAMMING AND APPLICATIONS  
Code No.: EDP 200  
Program: BUSINESS  
Semester: WINTER  
Date: DECEMBER, 1983  
Author: J. W. MITCHELL

New: \_\_\_\_\_ Revision: X

APPROVED:

  
\_\_\_\_\_  
Chairperson

83-12-12  
\_\_\_\_\_  
Date

CALENDAR DESCRIPTION

COMPUTER PROGRAMMING & APPLICATION  
COURSE NAME

EDP 200  
COURSE NUMBER

PHILOSOPHY/GOALS:

1. Continuation of the "BASIC" programming language and an understanding of this continuation.
2. Application of the "BASIC" programming language to accounting related computer programs.
3. An understanding of the microcomputer and its use in business.
4. An understanding of several software utilities such as Editor and Datatrieve.
5. An understanding of current developments in the computer area.

METHOD OF ASSESSMENT (GRADING METHOD):

Regular tests	3 @ 25	75%
Assignments and participation		25%
Final test		25%*

\* Required for those failing one or more of the regular term tests.

GRADING:

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

TEXTBOOK(S):

VAX BASIC - D. Weinman  
B. Kurshan

PET/CBM Personal Computer Guide - A. Osborne  
C. Donahue



COURSE OUTLINE

<u>WEEK</u>	<u>MATERIAL</u>	<u>CHAPTER</u>
1	- Course overview - Introduction - VAX - Editor - Pet micro.	
2	- Problem solving - Vax Editor - BASIC language review	Hand-out Ch. 1-3
3	- Continuation of week 2	Ch. 3-5
4	- Arrays - sort routines	Ch. 6
5	- Arrays - multi	Ch. 6
6	- Print - using - Test #1	Ch. 7
7	- Numeric Functions - Subroutines	Ch. 8
8	- Presentations - Data Communication - Data Transmission - Electronic Funds Transfer - Batch Versus On-Line & Real Time	
9	- Data Files - transactions & file concept - creating data files	Ch. 11
10	- Data Files - opening, reading, writing - Test #2	Ch. 11
11	- Data Files - updating, retrieval, deleting	Ch. 11
12	- Strings - String Functions - Random Numbers*	Ch. 9 Ch. 10
13	- Computer Utilities - Datatrieve - Presentations - Remote Job Entry vs Distributed Processing - Microcomputer in Business - Operating Systems - Social Issues	

COURSE OUTLINE

<u>WEEK</u>	<u>MATERIAL</u>	<u>CHAPTER</u>
14	- Continuation - Datatrieve - Test #3 - *Random Numbers - SuperPet	
15	- Data Entry - Mini Tab - Inventory - SuperPet	
16	- Final Test - Presentations	
17	- Final Assignment	