

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

COURSE OUTLINE

Course Outline: COMPUTER PROGRAMMING AND APPLICATIONS

Code No.: EDP 200

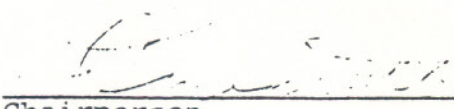
Program: BUSINESS

Semester: WINTER

Date: NOVEMBER, 1985

Author: J.W. MITCHELL

New: _____ Revision: X

APPROVED: 
Chairperson


Date

CALENDAR DESCRIPTION

COMPUTER PROGRAMMING & APPLICATION

EDP 200

Course Name

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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. A knowledge of several software utilities such as Editor.
4. A knowledge 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/missing one or more of the regular term tests provided all assignments have been completed and student has had regular attendance.

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 and B. Kurshan

COURSE OUTLINE

| <u>SESSIONS</u> | <u>MATERIAL</u> | <u>CHAPTER</u> |
|-----------------|--|---------------------|
| 1 | - Course overview - Introduction - VAX - Editor | |
| 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 | - Strings - String Functions - Random Numbers | Ch. 9 Ch. 10 |
| 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, 13 | - Major Project | |

COURSE OUTLINE

| <u>SESSIONS</u> | <u>MATERIAL</u> | <u>CHAPTER</u> |
|-----------------|----------------------------------|----------------|
| 14 | - Computer Utilities - Minitab | |
| 15 | - Data Entry - Mini Tab (cont'd) | |
| 16 | - Test #3 - Complete Assignments | |
| 17 | - Final Assignments/Testing | |