SAULT COLLEGE OF APPLIED ARTS & TECHNOLOGY

SAULT STE. MARIE, ONTARIO

COURSE OUTLINE

Course Outline: INTRODUCTION TO DATA PROCESSING

Code No.: EDP 105-2

Program: FORESTRY/WATER RESOURCES/ PULP & PAPER/GEOLOGY

Semester: FALL 1985

Date: SEPTEMBER, 1985

Author:

New: _____   Revision: X_____
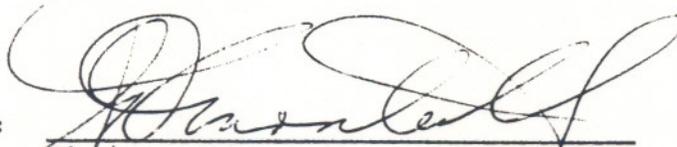
APPROVED: _____   85-08-29
           Chairperson   Date

INTRO TO DATA PROCESSING	EDP 105
Course Name	Course Number

Length of Course: 2 periods per week for one semester.

Text: "Programming in BASIC: The First Steps" by Bell

OBJECTIVES:

1. To introduce the student to data processing.
2. To introduce the student to computers and what they can do.
3. To introduce the student to applications of the computer in their related field.
4. To give the student hands-on experience with the computer.

STUDENT EVALUATION:

Tests (2x40)	- 80%		Term Tests $\frac{(2 \times 40)}{2}$	- 40%
Assignments/Labs	- 15%	OR	Assignments/Labs	- 15%
Class Involvement	- 5%		*Final Test	- 40%
			Class Involvement	- 5%

*The Final Test will cover the semester's work and can be written only if:

1. You pass the semester and wish to improve your grade
2. You missed/failed one of the term tests, or have an "I" grade so far and have completed your assignments and labs satisfactorily.

Grading:
    'A' - 80 - 100
    'B' - 70 - 79
    'C' - 55 - 69
    'R' - 0 - 54

NOTE: A student with a grade of under 45 will not be allowed to write the final test and must repeat the course.

WEEK	HOUR	TOPIC	REFERENCE
1 Aug. 29	1	Intro to course. Assign usernames & passwords.	--
2 Sept. 5	1	Definition of Data Processing and the Data Cycle. Manual vs Electronic Data Processing. Use of Computers in Industry.	Chapter 1 pg. 9-10 Lecture Notes
	2	Intro to Computers. How a Computer works.	Chapter 1 pg. 10-12 Lecture Notes
3 Sept. 12	1	The Operating System and How it Works. DCL commands. Files	Lecture Notes
	2	Sign on to the Computer. Changing your Password. Introductory Lab #1.	Chapter 2 pg. 14-16 Lecture Notes
4 Sept. 19	1	Solving Data Processing Problems. Sample Problems.	Lecture Notes
	2	Programming Concepts: variables arithmetic, input/output. Review Lab #1 Introductory Lab #2	Chapter 4 Chapter 6 pg. 51-57
5 Sept. 26	1	Introduction to the BASIC Language: LET,PRINT Intro to BASIC Commands	Chapter 3 pg. 29-33 Chapter 4 Lecture Notes
	2	Review Lab #2 Introductory Lab #3	
6 Oct. 3	1 2	Basic Input Statements: READ/DATA More BASIC Commands Review Lab #3 Assignment	Chapter 5 pg 43-44 Lecture Notes Chapter 9
7 Oct. 10	1 2	Basic Control Statements: IF,GOTO Assignment	Chapter 5 pg 46-48 Chapter 7
8 Oct. 17	1 2	Term Test 1 Assignment	
9 Oct. 24	1 2	Basic Input Statements continued: INPUT Statement Assignment	Chapter 13 Lecture Notes

10 Oct. 31	1 2	Intro to the EDITOR Using the EDITOR to enter a BASIC program Introductory EDITOR Lab	Lecture Notes
11 Nov. 7	1 2	Testing & Debugging Enter, Test, and Debug your assignment	Lecture Notes
12 Nov. 14	1 2	Intro to Application Programs Enter and Use an Application Program	Lecture Notes
13 Nov. 21	1 2	An Application Program - Minitab Use the Minitab Application Program Introductory Minitab Lab	Lecture Notes
14 Nov. 28	1&2	Extended Minitab Applications	Lecture Notes
15 Dec. 5	1 2	Introduction to Electronic Mail Use Electronic Mail Introductory Mail Lab	Lecture Notes
16 Dec. 12	1&2	Term Test 2	
17 Dec. 19	1&2	Final Test	