

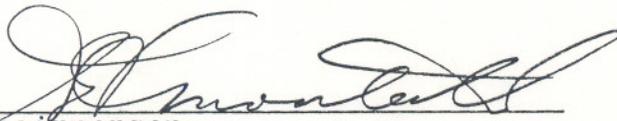
SAULT COLLEGE OF APPLIED ARTS & TECHNOLOGY  
SAULT STE. MARIE, ONTARIO

COURSE OUTLINE

Course Outline: COBOL 1 AND DOCUMENTATION  
Code No.: EDP 112  
Program: BUSINESS - PROGRAMMER  
Semester: TWO  
Date: JANUARY, 1987  
Author: FRANCES DEW

New: X Revision:                     

APPROVED:

  
Chairperson

87-01-15  
Date

EDP112 COBOL I AND DOCUMENTATION

AIMS AND OBJECTIVES

To introduce the student to COBOL and its applications  
To give the student experience in the preparation of meaningful documentation. Each student will prepare a binder containing complete documentation of all assignments

STUDENT EVALUATION

Term Tests (one hour each) 2 @ 30%	60%
Program Assignments **	30%
Participation	10%
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	100%

OR	
Better Term Test	30%
Program Assignments **	30%
FINAL Test (two hours long)	30%
Paticipation	10%
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	100%

The final test will cover the semester's work and can be written only if:

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

NOTE: Students who do not attend 75% of lecture classes will not be allowed to write the final examination. Also, a student with a final grade of under 40 will not be allowed to take the final test and must repeat the course.

\*\* Program assignment marks out of 100% are as follows:

50%	handed in on time with correct results
	take off 10% for each day late
	take off 40% for incorrect results
20%	documentation
10%	thoroughness
10%	efficiency
10%	techniques and style

GRADING

A	80 to 100
B	70 to 79
C	55 to 69
I	40 to 54
R	0 to 39

TEXT : "Fundamentals of Structured COBOL Programming" fourth ed'n  
by Carl Feingold

MATERIAL TO BE COVERED

Introduction: program design and development, COBOL development, divisions of COBOL, ANSI COBOL, basic EDP concepts and hardware review

Characteristics of COBOL: reference format, language elements, program structure, terms and names, writing a COBOL program using files, sample COBOL program

The following topics will be presented and applied in progressive steps through gradually more complex programming assignments.

Identification Division: purpose, required and optional entries

Environment Division: purpose, required and optional entries

Data Division: purpose, required and optional entries

Procedure Division: purpose, required entries, input-output verbs, data manipulation verbs, arithmetic statements, sequence control statements, simple conditions, compound conditions, nested conditions

Structured Programming: history of program design techniques, objectives of structured programming, basic logic structures

COBOL Programming Techniques: programming standards and documentation techniques, naming conventions, programming for efficiency