

SAULT COLLEGE OF APPLIED ARTS & TECHNOLOGY

SAULT STE. MARIE, ONTARIO

COURSE OUTLINE

COURSE TITLE: SYSTEM PROTOTYPING AND PRESENTATION 2

CODE NO.: EDP326 SEMESTER: SIX

PROGRAM: COMPUTER PROGRAMMER ANALYST

AUTHOR: WIL DEBRUYNE

DATE: JANUARY, 1992

PREVIOUS OUTLINE DATED: JANUARY, 1991

New: _____ Revision: X

APPROVED: *Amontail*
DEAN, SCHOOL OF BUSINESS &
HOSPITALITY

92-01-07
DATE

SYSTEM PROTOTYPING & PRES. 2

EDP326

COURSE NAME

COURSE CODE

TIME: 4 hours/week

RESOURCE: Manuals, (available for reference in student work room)
and Teacher Notes

AIM:

This course builds on the student's previously obtained knowledge from EDP108 (Introduction to Systems Analysis and Design) and EDP307 (System Prototyping and Presentation). The student has gained insight into the advantages and the disadvantages of using the traditional life cycle methodology and prototyping to deliver computer based systems.

The student will use the CASE tool Excelerator to assist them in planning, analysis, design, documentation, and construction of a computer based information system, in accordance to one or more software engineering methodologies.

MODULE OBJECTIVES:

Module 1:

Continue the prototyping process for the coordinator, computer system which was started in the EDP307 course.

Module 2:

Using EXCELERATOR the student will be able to:

- get into excelerator and initialize profiles
- print, save, backup and exit excelerator files
- create structured charts
- create system flowcharts

SYSTEM PROTO & PRES. 2

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Module 2: (cont'd)

- create data flow diagrams
- explode data flow diagrams
- create a data dictionary
- analyze the data flow diagram and data dictionary for completeness
- create entity-relationship diagrams
- perform general drawing techniques, moving, copying, deleting, adding additional text and lines on a drawing screen refreshing
- prototype

STUDENT EVALUATION:

a) The students' final grade will be determined from the following components:

Tests	1 @ 30%
Project	1 @ 40%
Assignment	1 @ 25%
Participation	5%

b) Grading:

A+	90-100%
A	80- 89%
B	70- 79%
C	55- 69%
R	0- 54%

NOTE: Students are expected to attend classes regularly, participate in class discussion, conduct themselves and treat their peers and instructors in a professional business-like manner throughout any school dealings.

Late assignments are subject to a zero grade unless the student has prior permission from the instructor to hand the assignment in at a later date. Test must be written on the assigned time and date. Students will receive a mark of zero if they miss a scheduled test unless the student and instructor have a prearranged contract to write the test after or before the scheduled test time.

THERE WILL BE NO RE-WRITES!