

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

COURSE OUTLINE

SYSTEM PROTOTYPING AND PRESENTATION II

COURSE TITLE: \_\_\_\_\_  
CODE NO.: EDP326 SEMESTER: SIX  
PROGRAM: COMPUTER PROGRAMMER ANALYST  
AUTHOR: WIL DEBRUYNE  
DATE: JANUARY, 1995  
PREVIOUS OUTLINE DATED: JANUARY, 1994

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

APPROVED: *Rene M. Coiro*  
DEAN, SCHOOL OF BUSINESS &  
HOSPITALITY

95/01/06  
DATE

SYSTEM PROTOTYPING AND PRESENTATION

EDP326

---

**COURSE NAME**

---

**COURSE CODE**

**TIME:** 4 hours/week

**RESOURCE:** Manuals (available for reference in Library)  
Teacher Notes  
EDP108, EDP307 Textbooks

**AIM:**

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

The student will use the CASE tool "Excelerator/IS for Windows" to assist them in planning, analysis, design, documentation, and construction of a computer based information system.

**THE PROJECT:**

The project (to be announced). Each group will ensure that the system meets the full system specification and user requirements.

The class will be divided into small groups in which each member will be an equal contributor to the project. Each member in the group will take turns as a project leader. At the end of the term, the project will be evaluated on a set criteria and assigned a mark.

The mark for each individual will most likely deviate from the assigned project mark because each group member will evaluate the OTHER group members' performance over the life of the project. Based on the marking system that will be described in detail to you, it will be possible to hold the same mark, receive a lower mark or higher mark than the assigned mark to the project.

If the project component is late or incomplete, the Project Leader assigned at that time will be penalized marks. The marks will be deducted from the overall mark assigned to the individual student. The amount of penalty marks will be based on a proportional basis, for example, if the project component that is late is worth a small percentage of the overall mark, and the work is 90% complete, then the penalty marks will be marginal. However, if the project component is worth a large portion of the overall mark and is 50% complete, then the penalty marks will be much more substantial.

COURSE NAME

COURSE CODE

The project package will contain the following components and receive the following marking factor:

1. Tender, estimating the total time to complete the system.....	2%
2. Information service request and problem statement.....	2%
3. Data flow diagrams.....	8%
4. Data model diagrams and ERD's.....	7%
5. Process specifications.....	10%
6. Structure charts.....	3%
7. System flowchart.....	3%
8. File specifications.....	5%
9. Screen layouts.....	5%
10. Report layouts.....	5%
11. Forms.....	5%
12. Source code with internal documentation.....	20%
13. System procedures/users guide.....	5%
14. Functionality.....	6%
15. Project Presentation.....	8%
16. System Testing.....	6%
	<u>100%</u>

GRADING:

A+	90-100%
A	80-89%
B	70-79%
C	60-69%
R	Repeat - under 60%