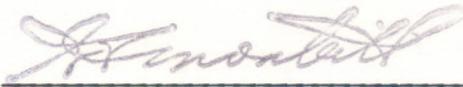


SAULT COLLEGE OF APPLIED ARTS & TECHNOLOGY  
SAULT STE. MARIE, ONTARIO

COURSE OUTLINE

Course Title: RESEARCH PROJECT  
Code No.: EDP 230-2  
Program: DATA PROCESSING  
Semester: III  
Date: SEPTEMBER 1983  
Author: JODI WEID

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

APPROVED:  Sept '83  
Chairperson Date

Research Project: Semester III  
Course Name

EDP 230-2  
Course Number

DESCRIPTION:

A detailed research, culminating in a seminar presentation by the students. Areas of research will focus on new technologies, their applications in all areas of society and the resultant business and social implications of these new developments.

TIME: 2 Hours per week/one semester.

AIM:

To develop familiarity with and experience in, researching and formal presentation of technical information. To provide students with a broader scope and awareness of new trends, developments and areas of specialization in the computer field, as well as the social impact of computers.

OBJECTIVE:

To provide students with skills and experience for conducting research and making formal presentations in the field of EDP where a rapidly changing environment requires constant updating and individual research into new developments, as well as dissemination of this information to peers and management.

<u>STUDENT EVALUATION:</u>	Written Report	40%
	Oral Presentation	40%
	Participation & Group Dynamics	20%
	TOTAL	100%

The Written Report will be evaluated on the quality of language, neatness, organization, proper techniques of reporting and overall technical quality. In addition the scope, content, organization and supportive data supplied will be assessed.

The Oral Presentation will focus on:

- quality of delivery (posture, voice, etc.)
- organization and information quality
- use of audio-visual aids
- audience impact per coherence, clarity, mechanically sound, etc.
- ability to interact with audience (generate questions, provide clear answers, know your subject matter...)

SPECIFIC OBJECTIVES:

1. **COMMUNICATION SKILLS:** A re-examination (briefly) of the skills developed in "Business Reporting" to be applied directly to a FORMAL quality business report and oral presentation.

Ref.: Herta A. Murphy & Charles E. Pect, EFFECTIVE BUSINESS COMMUNICATIONS

2. RESEARCH TECHNIQUES AND RESOURCES: An overview of the basic difference and approach to gathering primary and secondary data and the general type of resources available. A discussion and investigation of local resources will also be examined.

Ref.: Luck, Wales, Taylor, Rubin, MARKETING RESEARCH, Prentice-Hall, 1978

Ref.: Libraries: Journals, periodicals, texts, etc.

3. TOPIC SELECTION: An open discussion on trends, new developments, areas where more information is needed or required to make students aware of available and relevant areas for research and to expand their horizons in the field of EDP.

Ref.: -Texts, journals, periodicals, etc

-COMPUTERS AND LIFE - AN INTEGRATIVE APPROACH, by J. Frates & Wm. Moldrup, Prentice-Hall, 1983

-DATA PROCESSING - COMPUTERS IN ACTION by Edwards & Broadwell

4. THE RESEARCH PROJECT SCHEDULE: The emphasis in this phase will be on regular monitoring and assistance to students in timing, organizing, researching and developing a good professional report. Assistance will be provided for audio-visual developments etc.

#### SCHEDULE/DEADLINES

- BY: 3rd week of Sept. - 1. PROPOSAL: formal written letter to be submitted to the instructor  
- Final decision and approval of topic
- 2nd week of Oct. - 2. GATHER RESOURCES: information and resource file
- 3rd week of Oct. - 3. PRELIMINARY ORGANIZATION: a one-page outline
- 1st week of Nov. - 4. DATA ORGANIZATION: Card Index (or equivalent) completed
- 2nd week of Nov. - 5. ROUGH DRAFT: objective is smoothness, continuity of ideas etc
- 3rd week of Nov. - 6. REVISED DRAFT: grammar, styles, etc. checked by instructor

- 4 -

4th week of Nov. - 7. FINAL COPY DUE

and

- 8. Oral Presentation

begin

\*\*\* "SUBJECT TO MODIFICATION" \*\*\*