

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

COURSE OUTLINE

Course Title: PULP AND PAPER INDUSTRY PROJECT
Code No. PPE 361-3
Program: PULP & PAPER ENGINEERING TECHNOLOGY
Semester:
Date: NOVEMBER 15, 1984
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APPROVED:

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CALENDAR DESCRIPTION

Pulp & Paper Industry Project

PPE 361-3

Course Name

Course Number

PHILOSOPHY/GOALS:

The purpose of this course is to allow the student to explore, in more depth, a technological project related to his or her work experience or course work. This is achieved by undertaking a suitable project, developing and analyzing appropriate data and preparing a comprehensive report on the project's work and its interpretation.

METHOD OF ASSESSMENT (GRADING METHOD):

Grading will be based on the student's performance in one seminar based on the project as well as on the preparation of the final report. The seminar will be worth 20% of the final mark for the course with the Report being worth 80%. The report will be evaluated in terms of technical content, presentation, completeness, interpretation of data and on its merits as a written report. This means that writing skills will be fully evaluated.

Letter grades will be assigned as follows:

A = 79+%
B = 70-79%
C = 59-69%
R = -59%

Students having a final grade of "R" will have to repeat the course in order to obtain credit. There are no supplemental tests for this course.

TEXTBOOK(S):

As this is a Project, there are no textbooks required for this course. However, the student is referred to the Reference List as a source of potential information on the preparation of technical reports and term papers.

PULP AND PAPER INDUSTRY PROJECT

OBJECTIVES;

The objectives of this course are as follows:

1. That the student gain the experience of carrying out a formal technical project from initiation to completion.
2. That the student develop an appropriate technical hypothesis relevant to the chosen project.
3. That the student, with assistance from Faculty, design any required experimental procedures in order that his or her hypothesis can be tested.
4. That the student be able to analyze the data developed and make the interpretations required to support the original hypothesis.
5. That the student prepare a suitable, comprehensive report on his or her completed project.

REQUIREMENTS;

The following is a list of requirements to be met by each student in carrying out the project work and preparing his or her final report. The times that are referred to relate to the schedule for carrying out certain requirements.

1. In collaboration with Faculty, select a Project subject and prepare a 1-2 page Project Proposal. This is to be completed by Week 4 of Semester 5.
2. The Project Proposal must contain: (a) a tentative title for the Project; (b) a hypothesis developed for the project; (c) a brief outline of the expected experimental work; (d) a list of the equipment and supplies needed and (e) a statement of the expected results.
3. The Project Proposal will be marked and returned by Week 6 of Semester 5 with approval to proceed on the Project. If approval is not given, the Project Proposal must be modified with the assistance of Faculty.
4. Background reading, relevant to the Project, that is required for the development of theoretical and experimental components of the work will be completed during Semester 5.

5. A literature review, drawn from the background reading material, will be prepared and submitted for approval by Week 2 of Semester 6.
6. The student's Project work will commence as early in Semester 6 as feasible, but no later than Week 4. The objective is for the student to carry out this work on his or her own. Periodic progress meetings will be held with Faculty.
7. Seminars will be presented during Weeks 7 and 8 of Semester 6 in order for the student to report his or her progress to date and to allow the work to be subjected to constructive peer criticism.
8. The completed Project Report, in its final form, will be submitted for evaluation no later than the end of Week 14 in Semester 6.
9. The format of the Project Report will follow that specified in Pulp & Paper Engineering Technology Format for Semester 6_ Project Reports which will be available to students at the commencement of Semester 5.