

SAULT COLLEGE OF APPLIED ARTS AND TECHNOLOGY

SAULT STE. MARIE, ON

COURSE OUTLINE

COURSE TITLE: PROJECT MANAGEMENT AND ENVIRONMENTAL LAW

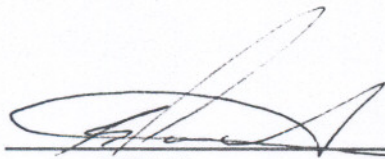
CODE NO.: ENV315-5 SEMESTER: V

PROGRAM: ENVIRONMENTAL/WATER RESOURCES TECHNOLOGY

AUTHOR: BRAD KIRK

DATE: JANUARY 1997 PREVIOUS OUTLINE DATED: NEW

APPROVED:



DEAN

DATE *Jan 28/97*

TOTAL CREDITS 5

PREREQUISITE(S): NONE

LENGTH OF COURSE: 16 weeks TOTAL CREDIT HOURS: 80 hours

PROJECT MANAGEMENT &
ENVIRONMENTAL LAW

ENV 315

COURSE NAME

CODE NO.

I. COURSE DESCRIPTION: This course will provide the Technical student with a general understanding of Construction Management Principles as well as knowledge of Federal and Provincial Environmental Laws and Regulations which have an impact on Construction Projects.

II. LEARNING OUTCOMES AND ELEMENTS OF THE PERFORMANCE:
(Generic Skills Learning Outcomes placement on the course outline will be determined and communicated at a later date.)

Upon successful completion of this course the student will demonstrate the ability to:

1) Apply Planning and Scheduling Principles to Construction Projects

Potential Elements of the Performance:

- describe the basic need for and principles of scheduling
- construct a bar graph schedule for an assigned problem
- construct a critical path schedule for an assigned problem

2) Identify Types of Contracts and Select the Basic Components of a Set of Contract Documents

Potential Elements of the Performance:

- list and describe the basic contract documents
- discuss the rules of interpreting a contract
- discuss the conditions for the legal termination of a contract

3) Describe Key Elements of Canada's and Ontario's Environmental Acts

Potential Elements of the Performance:

- describe the purpose of environmental laws and regulations
- identify relevant federal legislation applicable to a given problem
- explain, in detail, the application of the Ontario Environmental Protection Act and the Ontario Water Resources Act to a construction project

**II. LEARNING OUTCOMES AND ELEMENTS OF THE PERFORMANCE
(Continued)**

4) Explain the Application of Regulations and Requirements

Potential Elements of the Performance:

- explain the difference between an act and a regulation
- identify and interpret regulations pertinent to an assigned problem

5) Describe Elements of Ensuring Compliance with the Acts and Regulations

Potential Elements of the Performance:

- describe the purpose and methods of conducting an environmental audit
- define, and describe methods of demonstrating, due diligence
- describe the stages of setting up an approved abatement program
- describe the normal route of license applications

III. TOPICS:

- 1) Construction Management
- 2) Planning and Scheduling
- 3) Nature and Function of the Law in Canada and Ontario
- 4) Introduction to Contract Law
- 5) Overview of Environmental Law
- 6) Federal Environmental Legislation
- 7) Ontario Environmental Protection Act
- 8) Ontario Water Resources Act
- 9) Strategies for Achieving Compliance

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IV. REQUIRED RESOURCES/TEXTS/MATERIALS:

Ontario Environmental Protection Act
Ontario Water Resources Act

V. EVALUATION PROCESS/GRADING SYSTEM

The final course grade will be based on the aggregate score of a series of tests to be held throughout the semester. Dates for all tests will be announced approximately one week in advance and attendance at all tests is mandatory.

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

VI. SPECIAL NOTES:

- Special Needs
If you are a student with special needs (eg. physical limitations, visual impairments, hearing impairments, learning disabilities), you are encouraged to discuss required accommodations with the instructor and/or contact the Special Needs Office, Room E1204, Ext. 493, 717, 491 so that support services can be arranged for you.
- Retention of Course Outlines
It is the responsibility of the student to retain all course outlines for possible future use in acquiring advanced standing at other post-secondary institutions.
- Disclaimer for Meeting the Needs of the Learners
- Substitute Course Information is available at the Registrar's Office.

VII. PRIOR LEARNING ASSESSMENT

Students who wish to apply for advanced credit in the course should consult the instructor. Credit for prior learning will be given upon successful completion of the following: