

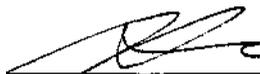
SAULT COLLEGE OF APPLIED ARTS & TECHNOLOGY
SAULT STE. MARIE, ONTARIO

COURSE OUTLINE

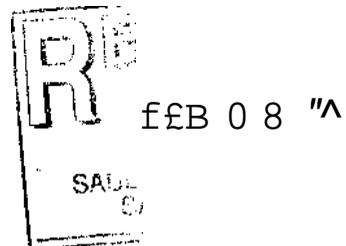
COURSE TITLE: ENVIRONMENTAL IMPACT ASSESSMENT
CODE NO.: WTR 324-3 SEMESTER: VI
PROGRAM: WATER RESOURCES/ENVIRONMENTAL ENGINEERING TECHNOLOGY
AUTHOR: JACK BETHUNE
DATE: FEBRUARY 1993 PREVIOUS OUTLINED DATED: MAY 1992

APPROVED!

DEAN



/=^^S-/9-3
DATE



ENVIRONMENTAL IMPACT ASSESSMENT

WTR 324-3

COURSE NAME

COURSE NUMBER

TOTAL CREDIT HOURS 45

PREQUISITES(S): BI0129, FOR318, FOR328, WTR226

I. PHILOSOPHY/GOALS:

To present introductory information on the environmental impact assessment process and environmental assessment legislation toward the preparation of environmental impact reports.

II. STUDENT PERFORMANCE OBJECTIVES:

Upon successful completion of this course the student will be able to:

1. Define the "environment" as set out in the Environmental Assessment Act.
2. Identify and apply the basic steps and procedures of an environmental planning process.
3. Identify the governing factors pertaining to Individual and Class Environmental Assessments.
4. Present and discuss the required content of an environmental assessment document, public participation requirements, and processing of **the** document under the Act.
5. Identify various factors to be considered in environmental assessment studies.
6. Prepare and present an environmental impact assessment report dealing with a particular aspect of the environment.

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WTR 324-3

COURSE NAME

COURSE NUMBER

III. TOPICS TO BE COVERED:

<u>TOPICS</u>	HOURS
1. Environmental Quality and Decision Making Considerations.	
2. Residuals Management	
3. Guidelines for the Preparation of Environmental Assessments	
4. Class Environmental Assessments	6
Approaches to Forecasting Environmental Impacts	6
Methods and Processes for Evaluating Environmental Impacts	
	37
Review	3
Interim Test/Final Examination	5
	"45"

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WTR 324-3

COURSE NAME**COURSE NUMBER****IV. METHOD OF EVALUATION:**

Assignments	40%
Interim Examination	30%
Final Examination	30%

Grading:

A+	90-100%	A	80-89%	B	70-79%	C	60-69%
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A passing grade will be based on a composite grading of 60%. Students obtaining a composite grading of 55 to 59% may be allowed to complete a supplementary examination.

V. REQUIRED STUDENT RESOURCES:

Municipal Engineers Association, Class Environmental Assessment for Municipal Sewage and Water Projects.

Ortolano, Leonard, Environmental Planning and Decision Making, John Wiley ^^ and Sons.

VI. ADDITIONAL RESOURCE MATERIALS AVAILABLE IN THE COLLEGE LIBRARY BOOK SECTION

Canter, Larry W., Environmental Impact Assessment, McGraw-Hill Book Company.

VII. SPECIAL NOTES:

Students with special needs (e.g. physical limitations, visual impairments, hearing impairments, learning disabilities) are encouraged to discuss required accommodations confidentially with the instructor.

Your instructor reserves the right to modify the course as he/she deems necessary to meet the needs of students.