

SAULT COLLEGE OF APPLIED ARTS & TECHNOLOGY

SAULT STE. MARIE, ONTARIO

COURSE OUTLINE

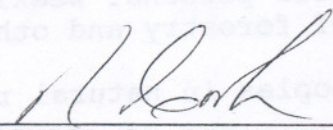
COURSE TITLE: INTRODUCTION TO NATURAL RESOURCES

CODE NO.: FOR120-2 and FOR101-2 SEMESTER: I

PROGRAM: ABORIGINAL RESOURCE TECHNICIAN PROGRAM (FOR120-2)
FORESTRY, FISH & WILDLIFE,
PARKS & OUTDOOR RECREATION,
RENEWABLE RESOURCES (FOR101-2)

AUTHOR: HARVEY ROBBINS

DATE: JUNE 1996 PREVIOUS OUTLINE DATED: MAY 1995

APPROVED:  June 28/96
DEAN, SCHOOL OF SCIENCES & NATURAL RESOURCES DATE

**INTRODUCTION TO NATURAL
RESOURCES**

FOR120-2 and FOR101-2

COURSE NAME

COURSE NUMBER

TOTAL CREDIT HOURS: 32

PREREQUISITE(S):

I. PHILOSOPHY/GOALS:

This course provides the new student with an overview of natural resources and opportunities provided by them in Canada and more specifically Ontario.

Through guest speakers, students will learn about the importance and opportunities provided in fields such as forestry, fish & wildlife, parks and outdoor recreation, adventure/ecotourism and the management of native lands. Speakers from key agencies responsible for the ~~stewardship~~ and management of natural resources such as the Ministry of Natural Resources, Parks/Heritage Canada, forestry companies and others will elaborate on the role of the technician/technologist in their field. To help the student adjust to the college learning environment, the course will provide a short study skills/time management orientation tutorial.

II. STUDENT PERFORMANCE OBJECTIVES:

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

1. Apply appropriate study methods required for success in post-secondary Natural Resource program.
2. Reflect improvement in ability to succeed in the program.
3. Apply time management skills in their personal weekly agenda.
4. Describe the relevant importance of forestry and other aspects of natural resources in Canada.
5. Describe the role of aboriginal peoples in natural resource management in Ontario.
6. Describe the role and organization of the major resource management agencies in Canada and Ontario.
7. Describe the expectations of employers of Natural Resource Technicians/Technologists in terms of the essential skills required.
8. Describe the programs available in the Natural Resources field at Sault College.
9. Describe the range of employment opportunities available to natural resource graduates.

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III. TOPICS TO BE COVERED:

Approximate Time Frames
- Learning Resources

Unit 1 - Study Skills and Expectations of the Student 3 hours

- expectation of students at Sault College
- time management skills
- study skills
- test writing skills
- participation in class
- setting goals

Unit 2 - The scope of Natural Resources 7 hours

- forest management scope/opportunities
- industrial forestry scope/opportunities
- parks and outdoor recreation scope/opportunities
- fisheries/aquaculture opportunities
- wildlife management scope/opportunities
- adventure/ecotourism opportunities
- management and stewardship of native lands

Faculty Guest Speakers

Unit 3 - The Role of Natural Resource Agencies 3 hours

- Ontario Ministry of Natural Resources
- Parks/Heritage Canada
- Forestry Companies - an example

Guest Speakers

Unit 4 - Opportunities in Natural Resources 3 hours

- A graduate talks about employer expectations
- Opportunities in British Columbia

Guest Speakers

16 hours

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IV. EVALUATION METHODS:

Students will be evaluated on the basis of their attendance including promptness using a simple quiz at the start of each class. Those who have attended the previous class should have no difficulty responding to the questions.

Grades will be assigned as follows:

- A+ - 100% attendance and 90% on quizzes
- A - 1 - 2 absences and 90% on quizzes
- B - 1 - 2 absences and 70% on quizzes
- C - 3 - 4 absences and 70% on quizzes

Students who have a verifiable valid reason to be absent must leave the instructor a message at Ext. 459 prior to the class and must complete a two page summary of the topic covered within one week of the absence, in order to erase the absence recorded. No other make-up opportunity will be provided.

V. REQUIRED STUDENT RESOURCES:

All resources will be provided in class.

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

None

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.