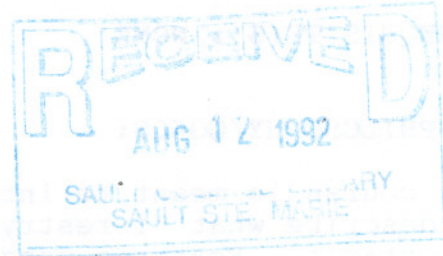DOC.#404

SAULT COLLEGE OF APPLIED ARTS & TECHNOLOGY

SAULT STE. MARIE, ONTARIO

COURSE OUTLINE

COURSE TITLE: INTRODUCTION TO FORESTRY

CODE NO.: FOR 100-2   **SEMESTER:** I

PROGRAM: FORESTRY TECHNICIAN

AUTHOR: BOB CURRELL

DATE: MAY 1992   **PREVIOUS OUTLINE DATED:** NOV. 1991

APPROVED: _____   July 16/92
DEAN, SCHOOL OF SCIENCES &   DATE
NATURAL RESOURCES

INTRODUCTION TO FORESTRY

COURSE NAME

FOR 100-2

COURSE NUMBER

TOTAL CREDIT HOURS: 32

PREREQUISITE(S): NONE

I. PHILOSOPHY/GOALS:

This course is meant to introduce the student to the field of forestry
and describe what "forestry" is and how important forests are to Canada
and Ontario. Features used to describe forests will be introduced and
important pieces of Ontario forest legislation discussed.

Introduction to Forestry will also present information of general use
to forestry students including study skills and personal equipment
needs.

II. STUDENT PERFORMANCE OBJECTIVES:

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

1. Understand the importance of forests to Canada and Ontario.

2. Have a working knowledge of Ontario's forests in terms of area,
   species, composition and uses.

3. Know the administrative Forest Management organizational structure
   in Ontario.

4. Be familiar with important Ontario forestry legislation.

5. Be able to describe the practice of Sustainable Forestry in
   Ontario.

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III. TOPICS TO BE COVERED:

Unit 1   What is Forestry?

- Types of activities carried out in forestry
- Forest technician's personal equipment needs
- Importance of forests to Canada and Ontario
  - forest uses
  - forest values
- Study skills

   Unit 1 Test

Unit 2   Forests of Canada and Ontario

- Forest regions of Canada
  - introduction to tree species of importance in Ontario, with emphasis on Northern Ontario
- Forest Management Organization
  - Ministry of Natural Resources organization and responsibilities
  - Timber management in Ontario
  - types of timber management units
  - types of timber harvesting licences
  - Wildlife Management in Ontario
  - Outdoor recreation in Ontario
- Forest Stands
  - forest stand terminology and description

   Unit Test 2

Unit 3   Maintaining the Forest

- Forestry Legislation
  - Crown Timber Act, Forestry Act, Trees Act
  - Woodland Improvement Act
  - Other legislation
- Sustainable Forestry
  - What does it mean?
  - A description of how Ontario is attempting to practice sustainable forestry.

   Unit Test 3

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IV. EVALUATION METHODS:

3 Unit Tests

- Unit Test 1 (15%)
- Unit Test 2 (25%)
- Unit Test 3 (25%)
- Attendance (10%)

Assignments (25%)

- quizzes and short (500 word) written assignments

V. REQUIRED STUDENT RESOURCES:

The Forest Resources of Ontario (1986)

Crown Timber Act, Trees Act, Forestry Act, Woodlands Improvement Act

Introduction to Forestry Study Guide (FOR 100)

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

Periodical Section

Forestry Chronicle
Canadian Geographic
Nature Canada
Outdoor Canada
Ontario Out of Doors
Silviculture Magazine

Government Document Section

Many publications about particular forestry equipment, reforestation techniques, forest insects and diseases etc. can be found here.

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COURSE NAME   **COURSE NUMBER**

VII. SPECIAL NOTES:

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

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