

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

COURSE OUTLINE

COURSE TITLE: INTRODUCTION TO FORESTRY
CODE NO.: FOR100-2 SEMESTER: I
PROGRAM: FORESTRY TECHNICIAN
AUTHOR: DERROLL MURPHY
DATE: NOVEMBER 1991 PREVIOUS OUTLINE DATED: FEB. 1985

APPROVED:

DEAN 

DATE Dec 11/91

INTRODUCTION TO FORESTRY

FOR100-2

COURSE NAME

COURSE NUMBER

TOTAL CREDIT HOURS: 32

PREREQUISITE(S): None

I. PHILOSOPHY/GOALS:

The course intends to introduce the students into the field of forestry by presenting and answering a number of questions that must concern any person entering the field.

Study skills will be looked at as well.

II. STUDENT PERFORMANCE OBJECTIVES:

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

1. Demonstrate ways of improving study skills.
2. Answer questions on relevant forest legislation.
3. List relevant figures and facts pertaining to Canadian and world forestry.
4. Explain the role of a forestry technician in Canadian society.

III. TOPICS TO BE COVERED:

1. Division within the forest and within the part of industry and government that does the forest managing.
2. Crown Timber Act and other relevant acts.
3. Marketing of the forests.
4. Concepts such as Multiple use, Integrated Resource Management and Sustainable Development.
5. Better ways of studying and preparing for exam.

INTRODUCTION TO FORESTRY

FOR100-2

COURSE NAME

COURSE NUMBER

IV. LEARNING ACTIVITIES:

The course intends to introduce the student into the field of forestry by presenting and answering a number of questions that should concern any person entering the field.

1. How much forest exists in Ontario?
 2. Who owns the forest by area?
 3. Who owns the forest by volume?
 4. Is our forest ready to harvest?
 5. What species are growing in our forest?
 6. What is the overview of the MNR's management?
 7. What species are being harvested?
 8. What is the MNR's regeneration policy?
 9. Compare the annual allowable cut to the actual harvest.
 10. Industrial statistics as to who works where-- and for how much.
 11. Where does the public revenue generated by the forest industry come from?
 12. What are the products of Ontario relative to Canada?
 13. What are the industry's major exports?
- Discussion of Forestry Department Policies and Safety Requirements.
 - Discussion on "What is a Forest Technician?" using the Benchmarks for a Forest Technician as a reference.
 - Study skills - reference to "Scheduling Time".
 - Study Skills - reference to "Taking Notes".
 - Study Skills - reference to "How to Study for Examinations".
 - Discussion of the Forest Regions of Canada and the commercial species involved with special reference to Boreal Region.
 - Discussion on two reading assignments:
 - "Not Enough Ontario Land for Any One Use"
 - "Applying Economics to Forest Products Research"

INTRODUCTION TO FORESTRY

FOR100-2

COURSE NAME

COURSE NUMBER

IV. LEARNING ACTIVITIES: (cont'd)

- Study of the Crown Timber Act with special references to:
 - terminology
 - stumpage procedures
 - licenses
 - FMA's
 - wasteful practices
 - crown charges
- Study of Forestry Act and Trees Act
- Study of the Woodlands Improvement Act
- How the round wood is used
- Organization of the MNR (Toronto, Regions and Districts) and where the technician can fit in
- Films on the forest environment
- Guest speaker on "areas of concern"

V. METHOD OF EVALUATION:

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

Test #1 - 25%
Test #2 - 25%
Test #3 - 30%
Assignments - 10%
Attendance - 10%

absent 1 day - 0
2 days - 1
3 days - 2
4 days - 4
5 days - 8
late .5

Rewrite

Available to those whose final mark falls between 50-59% provided attendance and classroom participation is good.

INTRODUCTION TO FORESTRY

FOR100-2

COURSE NAME

COURSE NUMBER

VI. REQUIRED STUDENT RESOURCES: (Suggested)

Crown Timber Act
Forestry Act
Trees Act and Woodlands Improvement Act

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.