

SAULT COLLEGE OF APPLIED ARTS & TECHNOLOGY

SAULT STE. MARIE, ONTARIO

COURSE OUTLINE

Course Title: MANAGEMENT OF RENEWABLE RESOURCES

Code No.: FOR 201-4

Program: FORESTRY

Semester: FOUR

Date: JANUARY, 1989

Author: BOB CURRELL

New: _____ Revision: X

APPROVED:


Chairperson

Jan 4/89.
Date

CALENDAR DESCRIPTION

MANAGEMENT OF RENEWABLE RESOURCES

FOR 201-4

COURSE NAME

COURSE NUMBER

PHILOSOPHY/GOALS:

To train the student to:

1. Understand the principles and practice of Integrated Resource Management, whereby forest lands are managed for timber, fish and wildlife, outdoor recreation in such a way as to provide maximum benefits to the people of Ontario.
2. Be able to use and interpret basic visual materials such as maps, aerial photographs, charts and graphs.
3. Classify forest land according to given resource planning criteria.
4. Understand the system of Forest Land Use Planning in use in Ontario.
5. Recognize and understand methods available for woodlot management and be able to prepare a woodlot management plan.
6. Have an understanding of local, national and global environmental problems.

METHOD OF ASSESSMENT (GRADING METHOD):

25% Assignments
10% Quizzes, Lab attendance
50% Tests (3 tests)
15% Woodlot Management Plan

TEXTBOOK:

Timber Management Guidelines for the Provision of Moose Habitat
Timber Management Guidelines for the Protection of Tourism Values
Sault College Outdoor Lab Proposed Plan

Note: A rewrite covering the entire course will be available for those students who obtain between 55% and 60% overall in this course.

TOPICS STUDIED

Unit 1 Integrated Resource Planning

Introduction to the concept of IRM

Assessing land use capacity for:

- Forestry production
- Fisheries and Wildlife Resources
- Recreation

Integrating or modifying forestry practices to maximize the benefits from timber, fish and wildlife and outdoor recreation forest resources

UNIT TEST #1

Unit 2 Woodlot Management

Timber management and hardwood grading

Christmas tree management

Maple syrup

Management for wildlife

A woodlot management planning exercise involving considerable field time will be assigned in February and due April 6th.

UNIT TEST #2

Unit 3 Land Use Planning in Ontario

An introduction to Ontario's Land Use Planning System

Regional Strategic Land Use Plans (SLUPs)

District Land Use Guidelines (DLUGs)

Land use conflicts

- Temagami

Unit 4 Environmental Issues

Environmental assessment for timber management in Ontario

Acid rain

Global environmental concerns

UNIT TEST #3

A day-long woodlot management field trip is planned for early March.