

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

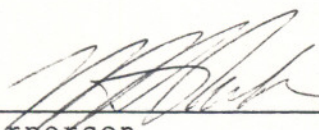
Semester: FOUR

Date: JANUARY, 1986

Author: BOB CURRELL

New: _____ Revision: X

APPROVED:


Chairperson

Mar 19/86
Date

CALENDAR DESCRIPTION

MANAGEMENT OF RENEWABLE RESOURCES

FOR 201-4

COURSE NAME

COURSE NUMBER

PHILOSOPHY/GOALS:

To train the student to:

1. Use and interpret basic visual materials such as maps, aerial photographs, charts and graphs.
2. Classify forest land and stands according to given resource planning criteria.
3. Understand principles of Land Use Planning.
4. Understand the principles and techniques of woodlot management; be able to plan a woodlot management project.

METHOD OF ASSESSMENT (GRADING METHOD):

25% Assignments, quizzes
45% Tests - three unit tests; after each unit
15% Woodlot management plan
15% Technical report

TEXTBOOK:

Canada's Special Resource Lands

REFERENCES:

Strategic Land Use Plans: - N. E. Ontario
- N. W. Ontario
- S. Ontario Co-ordinated Program Strategy

A Framework for Resource Management Planning in Ontario

Sault Ste. Marie Land Use Guidelines

Lake Superior Provincial Park Master Plan

Ontario Land Inventory Methodology Series - Wildlife

The Canadian Landscape

The Forestry Chronicle (Vol. 61, No. 2), April, 1985

Sugarbush Management for Maple Syrup Procedures

TOPICS STUDIED

Unit 1 - Resource Planning

- introduction
- concept of carrying capacity
- planning history (CLI, OLI)
- planning for
 - Agricultural Resources
 - Forestry Resources
 - Water Resources
 - Fisheries & Wildlife Resources
 - Recreational Resources, Tourism

UNIT TEST #1

Unit 2 - Land Use Planning in Ontario

- introduction
- levels of planning; plans produced
 - provincial
 - regional (SLUPs)
 - special area plans
 - district land use guidelines
 - parks planning
 - local area plans
 - integrated resource management plans
- environmental assessments

UNIT TEST #2

Unit 3 - Woodlot Management

- timber management
 - grading hardwoods
 - managing for firewood
 - maple syrup
 - Christmas trees
- wildlife management
- other uses
- Conservation Authorities
- Environmental issues

UNIT TEST #3

A woodlot management plan will be prepared, in small groups (March-April).

Several woodlot management field trips are planned.