



MANAGEMENT OF RENEWABLE RESOURCES  
Course Name

FOR 201  
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 criteria especially Resource Capability Rating
3. understand basic Principles of Land Use Planning and the vital role of forestry as an economic generator of resource wealth and employment.

METHOD OF ASSESSMENT (GRADING METHODS):

- 20% Participation - assignments  
- classroom participation
- 40% Mid-term test - textbook multiple choice plus interpretation of visual material and calculation of capability ratings
- 20% Township Land Use Plan Project
- 20% Assessment of a District Land Use Plan

Learn by participating in lab and Winter Camp Field exercises.

TEXTBOOK(S):

- Canada's Special Resource Lands
- O.M.N.R. Background Information and Land Use Policy Documents

REFERENCES:

Crown Timber Act, Game and Fish Act  
Forest Technician Competency Benchmark  
N.E. Ontario Strategic Land Use Plan  
Master Plan for Lake Superior Provincial Park  
Why Wilderness? Littlejohn and Pimlott - New Press  
North Georgian Bay Recreation Reserve Land Use Plan  
Pinery Park Master Plan  
Puskaskwa National Park Master Plan  
Wildlife Capability Rating Manual - O.L.I.  
Vegetation Management for Wildlife in Ontario  
Forest Measurements - Avery  
By-Law 81-3 Township of Johnson  
Lake Timagami Plan for Land Use and Recreation Development  
Lake of the Woods General Land Use Plan  
The Canadian Landscape - Map and Air Photo Interpretation,  
Copp Clark

RELATED READING:

Weekly assignments from text - Canada Special Resource Lands

L.R.C. RESERVE MATERIALS:

Renewing Nature's Wealth  
Northern Frontier/Northern Homeland  
Boreal Microfiche Collection  
Audio Script from Movie: Multiply and Subdue the  
Earth

COURSE	TOPIC INFORMATION
1	Introduction
2	Concept of Multiple Use - Lake Superior Park Model
3	North Georgian Bay Recreation Reserve Master Plan Model
4	Pinery Park - management of sand dunes on a freshwater park shoreline - applied Ecology
5	P.E.I National Park - management of sand dunes on an ocean shoreline - applied Ecology
6	Renewable Resource Policy - public participation
7	Principles of Land Use Zoning and Guidelines
8	Principles of Resource Capability Rating
9	Principles of Carrying Capacity
10	Importance of Legislation in Resource Management
11	Urban Development Impact on Resource Management
12	Mid-term Test
13-16	Winter Camp Exercises and L.R.C. Assignments
17	Land Use Planning Principles
18	Land Use Planning Models - Timagami and Lake of the Woods
19	Boating and Cottage Capacity Calculation
20-23	Preparation of Township Land Use Plan
24-27	Assessment of District Land Use Plans
28	Test on Assessment of a District Land Use Plan