

- current management of a pre-selected wildlife species.
3. Discuss exploitation theory and practice as they apply to hunting and trapping.
 4. Compare ecological requirements, limiting factors and sustainable management for:
 - d. Endangered/threatened/featured species
 - e. Urban wildlife
 5. Identify and diagnose major parasites and diseases of wildlife.
 6. Develop an entrepreneurial private enterprise plan for wildlife suitable for a woodlot owner in Ontario.
 7. Identify critical habitat components of upland wildlife

II. B) POTENTIAL ELEMENTS OF THE PERFORMANCE:

1. Apply wildlife management principles and biological/ecological knowledge of selected upland species to the development of a comprehensive wildlife management plan.

Elements of performance.

- * Identify important principles and problems in wildlife management
- * Select an appropriate Ontario wildlife species for further research
- * Using media services, other library services, the Internet and personal contacts, research completely the requirements of your species
- * Review the process for preparing a species-oriented management plan
- * Prepare a management plan for your selected upland species.

UPLAND GAME MANAGEMENT

FOR337-3

COURSE NAME-----
CODE NO.

6. Develop an entrepreneurial private enterprise plan for wildlife suitable for a woodlot owner in Ontario.

Elements of the Performance:

- * Using provided information and personal research, prepare a plan for a small business dealing with wildlife
 - e.g. Cervid farming
 - Emu ranch
 - Pheasant or other game bird preserve or hunting facility
- * Visit at least one game farm/preserve

7. Identify critical habitat components of upland wildlife.

Elements of the Performance:

- * Using visuals, field trips, define and identify essential elements of habitat such as :
 - * Moose calving sites
 - * Moose aquatic feeding areas
 - * Deer and caribou fawning/calving sites
 - * Cover/shelter areas
 - * Nesting areas (stick nests, heronries, waterfowl nests, upland bird nests)
 - * Feeding zones
- * Perform surveys for the above habitat components

III. TOPICS TO BE COVERED:

1. Review of Wildlife Management principles
2. Harvest Manipulation
3. Habitat enhancement
4. Predator and Nuisance Species Management
5. Big game management
6. Small Game Management
7. Endangered species and Urban Wildlife Management

IV. REQUIRED STUDENT RESOURCES:

- Lompart, Chris. 1996. *Black Bear in Ontario- Status and management*. Fed. of Ont. Naturalists, Don Mills. 62 pp.
- O.M.N.R. 1992 . *White-tailed Deer Habitat in Ontario - Background to Guidelines*. Toronto. 35pp.
- O.M.N.R. 1997. *Forest Management Guidelines for the Provision of White-tailed Deer Habitat*. Toronto. 31pp.

UPLAND GAME MANAGEMENT

FOR337-3

COURSE NAME-----
CODE NO.

2. Prepare a professional audio-visual presentation that displays the life history and current management of a pre-selected wildlife species.

Elements of the Performance:

- * Collect visual materials, including live video, photographs, and slides
- * Prepare a script and story board to accompany visuals
- * Compose an edited, professional presentation with the assistance of the A-V technologist
- * Present your finished product to an outside audience (i.e. the Envirothon candidates)

3. Discuss exploitation theory and practice as they apply to hunting and trapping.

Elements of the Performance:

- * Summarize articles and reports dealing with the advantages and disadvantages of hunting and trapping any population
- * Discuss the impact of exploitation on survival, growth rates etc. of populations
- * Discuss optimum yield and various sustainable harvesting strategies.

4. Compare ecological requirements, limiting factors, and sustainable management for:

- a. Big game species
- b. Predator and nuisance species
- c. Small game species
- d. Endangered/threatened/featured species
- e. Urban wildlife

Elements of the Performance:

- * Research the above factors for selected wildlife species
- * Identify in the field which habitat components are suitable for any given upland species, and how they might be enhanced
- * Describe sustainable management regimes for important wildlife species.

5. Identify and diagnose major parasites and diseases of wildlife.

Elements of the Performance:

- * Research principle parasites and diseases of wildlife and understand the stages of their life cycles
- * Study clinical diagnoses and symptoms of parasite/disease infections.
- * Identify parasites and diseases from wildlife based on visual materials, scenarios, or whole specimens

UPLAND GAME MANAGEMENT

FOR337-3

COURSE NAME-----
CODE NO.

- O.M.N.R./ O.F.A.H. 1990. *The Moose in Ontario* (2 parts). , Queen's Printer, Toronto. 33pp.
- O.M.N.R. 1989. *Woodland Caribou in Ontario -Background to a Policy.* Toronto. 31 pp.

Other resources will be suggested.

V. EVALUATION PROCESS

| | |
|---|------------|
| A. Assignments | <u>40%</u> |
| 1. Wildlife management planning | 3% |
| 2. White-tailed deer review sheets | 4% |
| 3. Moose review sheets | 3% |
| 4. Caribou review sheets | 3% |
| 5. Black bear review sheets | 3% |
| 6. Featured species summaries | 4% |
| 7. Wildlife management plan | 6% |
| 8. A-V project (super-project) | 7% |
| 9. Private enterprise assignment | 7% |
| B. Labs | <u>20%</u> |
| 1. Parasites and diseases of wildlife | 4% |
| 2. Pope & Young scoring - Bear, Moose, Deer | 4% |
| 3. Bird I.D. review | |
| - Raptors, shorebirds, game birds, | |
| habitat specific birds (indicators) | 5% |
| 4. "Critical habitat " review | 3% |
| 5. Private Enterprise lab | 0% |
| 6. Specimen preservation -Study skins - freeze-drying | 4% |
| 7. Field trip (opt.) - North Bay Trappers convention | |
| C. Term tests (2) | <u>40%</u> |
| 1. Units 1 - 3 | |
| 2. Remainder of Course | |

GRADING:

| | | |
|----|------------------------------|-------------|
| A+ | - Consistently outstanding | 90 - 100% |
| A | - Outstanding achievement | 80 - 89% |
| B | - Consistently above average | 70 - 79% |
| C | - Satisfactory achievement | 60 - 69% |
| R | - Repeat | 59 or below |

UPLAND GAME MANAGEMENT

FOR337-3

COURSE NAME-----
CODE NO.**VI. SPECIAL NOTES:**

- Special Needs
If you are a student with special needs (eg. physical limitations, visual impairments, hearing impairments, learning disabilities), you are encouraged to discuss required accommodations with the instructor and/or contact the Special Needs Office, Room E1204, Ext. 493, 717, 491 so that support services can be arranged for you.
- Retention of Course Outlines
It is the responsibility of the student to retain all course outlines for possible future use in acquiring advanced standing at other post-secondary institutions.
- Disclaimer for Meeting the Needs of the Learners
- Substitute Course Information is available at the Registrar's Office.
- Any Other Special Notes appropriate to your course.

VII. PRIOR LEARNING ASSESSMENT

Students who wish to apply for advanced credit in the course should consult the instructor. Credit for prior learning will be given upon successful completion of the following: