

**Division of Applied Science & Management
School of Science, Trades & Technology
Renewable Resources Management
Fall 2012**



COURSE OUTLINE

Wildlife Management

**45 HOURS
3 CREDITS**

PREPARED BY: _____
Werner Liebau, Instructor

DATE: _____

APPROVED BY: _____
Shelagh Rowles, Dean

DATE: _____

YUKON COLLEGE

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Course Outline prepared by Werner Liebau, 2012.

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WILDLIFE MANAGEMENT

INSTRUCTOR: Werner Liebau
OFFICE HOURS:
OFFICE LOCATION: N/A
TELEPHONE/E-MAIL: 667-3272 / wliebau@yukoncollege.yk.ca
FAX: (867) 456-8634

COURSE OFFERING

DAYS & TIMES: Monday / Wednesday 8:30 – 10:00 AM, lecture
Tuesday / Thursday 8:30 – 10:00 AM, lab

COURSE DESCRIPTION

This is an introductory course in wildlife management. The course will examine changes in management perspectives and attitudes from the focus on single game species to adaptive management and the focus on biodiversity and systems thinking. Relevant ecological and biological knowledge will form the basis to understand management techniques and a review of legislation and policies will provide the framework to understand current management decision making in Yukon. Case studies presented during lab sessions and special presentations will introduce students to managers and scientists who practice wildlife management in the territory and be able to share successes and difficulties in their respective capacity.

LEARNING OUTCOMES:

On successful completion of this course students will:

- have sufficient ecological, biological and technical knowledge to participate in a leadership role in the development of a wildlife management program
- have sufficient knowledge, judgement and understanding to evaluate the needs of wildlife and the needs of society for decision making
- through exposure to local wildlife practitioners, be better positioned to participate in wildlife management in a Yukon setting.

DELIVERY METHODS/FORMAT (3-3):

In the two 1.5 hour classes material will be presented by lectures supplemented by discussions, exercises and case studies designed to stimulate analysis and problem solving abilities. Labs will provide opportunities to practice practical skills. Some lab sessions will be in the form of workshops in which practicing managers discuss and demonstrate techniques.

PREREQUISITES:

Second year standing in the Renewable Resources Management program, and RRMT 121 and NOST 215 or permission of the instructor.

COURSE REQUIREMENTS/EVALUATION:

Attendance

Attendance at all class activities is mandatory. Unexcused absence in excess of 10% of class activities may lead to dismissal.

Evaluation

Evaluation includes mid-term and final exam, lab assignments and class assignments. Allocation of marks will be as follows:

class assignments	30
midterm exam	20
lab assignments	20
final exam	<u>30</u>
Total	100

STUDENTS WITH DISABILITIES OR CHRONIC CONDITIONS:

Reasonable accommodations are available for students with a documented disability or chronic condition. It is the student's responsibility to seek these accommodations. If a student has a disability or chronic condition and may need accommodation to fully participate in this class, he/she should contact the Learning Assistance Centre (LAC) at (867) 668-8785 or lassist@yukoncollege.yk.ca.

REQUIRED TEXTBOOKS/MATERIALS:

No texts are required for this course
Reading lists and assignments will be provided throughout the course.

TOPIC OUTLINE/SYLLABUS

Week Ending	Lecture Topic	Lab Topics
Sep. 7	Introduction	Case studies and special lectures presented or facilitated by local professionals and scientists <ul style="list-style-type: none"> • big game • waterfowl/birds • furbearers • habitat • contaminants • etc.
Sep. 14	History of Wildlife Management Values and Ethics	
Sep. 21	Wildlife Habitat	
Sep. 28	Population Dynamics	
Oct. 5	Population Estimation and Analysis	
Oct. 12	Behaviour, Interaction in Population Regulation	
Oct. 19	Management for Harvest	
Oct. 26	Management for Harvest MIDTERM	
Nov. 2	Management to preserve Biological Diversity	
Nov. 9	Special Management Topics	
Nov. 16	Current Wildlife Issues in Yukon	
Nov. 23	Yukon Legislation and Policies	
Nov. 30	Types of Knowledge and Decision Making	
Dec. 7	Review	
TBD	FINAL EXAM	