

APPLIED SCIENCE AND MANAGEMENT DIVISION

RRMT 223

Wildlife Management

3 Credits

Winter, 2021



COURSE OUTLINE

RRMT 223 WILDLIFE MANAGEMENT

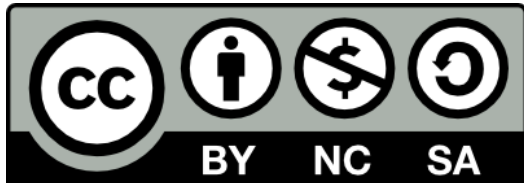
3 CREDITS

PREPARED BY: Larry Gray, Instructor

DATE: November 13, 2020

APPROVED BY: Joel Cubley, Chair, School of Science

DATE: November 13, 2020



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WILDLIFE MANAGEMENT

INSTRUCTOR:	Larry Gray	OFFICE HOURS:	By appointment
OFFICE LOCATION:	A2303	CLASSROOM:	Zoom
E-MAIL:	lgray@yukonu.ca	TIME:	Tuesdays, 10:30-12:00 pm.
TELEPHONE:	456-8607	DATES:	January 5- April 13, 2020

COURSE DESCRIPTION

Participants examine aspects of wildlife biology and the technical and societal context within which wildlife are managed in northern Canada.

PREREQUISITES

Admission to the second year of the Renewable Resources Management Program, RRMT 121, RRMT 125 and NOST 201.

RELATED COURSE REQUIREMENTS

Students require a PC or laptop and internet connectivity for Zoom classes and assignments.

EQUIVALENCY OR TRANSFERABILITY

In progress.

LEARNING OUTCOMES

Upon successful completion of this course students will be introduced to:

1. the guiding principles and practices underlying wildlife management, including historical and contemporary developments;
2. wildlife ecology as it relates to wildlife management;
3. key techniques used by wildlife biologist to gain scientific and social science data used to inform wildlife management;
4. the management of select wildlife populations through relevant case studies; and
5. various issues concerning wildlife management and be encouraged to identify their own values in wildlife conservation.

COURSE FORMAT

The course is designed for distance deliver with one 1 ½ hour videoconference (Zoom) class each week.

Lectures will largely focus on concepts, principles and current issues in contemporary wildlife management.

Labs will first focus on key wildlife field techniques used in northern North America. About halfway through the course, the labs will switch to highlight case studies in the management of select wildlife species in northern North America (e.g., ungulates, carnivores, etc.).

ASSESSMENTS

Attendance at all videoconference sessions is mandatory. Unexcused absences in excess of 10% of scheduled activities may result in withdrawal at the instructor's discretion.

EVALUATION

ASSIGNMENTS	PERCENTAGE (%)
Quizzes	30%
Advocacy Paper, Presentation & Poster	45%
Article Review	25%
NO MIDTERM EXAM	NO FINAL EXAM
TOTAL	100%

REQUIRED TEXTBOOKS AND MATERIAL

There is no required textbook for this course. However, for students with an aspiration to become a wildlife management professional it is recommend that they acquire either (or both) of the texts below. Key readings from the primary or popular literature will be distributed electronically to students.

ACADEMIC AND STUDENT CONDUCT

Information on academic standing and student rights and responsibilities can be found in the current Academic Regulations that are posted on the Student Services/ Admissions & Registration web page.

PLAGIARISM

Plagiarism is a serious academic offence. Plagiarism occurs when a student submits work for credit that includes the words, ideas, or data of others, without citing the source from which the material is taken. Plagiarism can be the deliberate use of a whole piece of work, but more frequently it occurs when students fail to acknowledge and document sources from which they have taken material according to an accepted manuscript style (e.g., APA, CSE, MLA, etc.). Students may use sources which are public domain or licensed under Creative Commons; however, academic documentation standards must still be followed. Except with explicit permission of the instructor, resubmitting work which has previously received credit is also considered plagiarism. Students who plagiarize material for assignments will receive a mark of zero (F) on the assignment and may fail the course. Plagiarism may also result in dismissal from a program of study or the University.

YUKON FIRST NATIONS CORE COMPETENCY

Yukon University recognizes that a greater understanding and awareness of Yukon First Nations history, culture and journey towards self-determination will help to build positive relationships among all Yukon citizens. As a result, to graduate from ANY Yukon University program, you will be required to achieve core competency in knowledge of Yukon First Nations. For details, please see www.yukonu.ca/yfnccr.

ACADEMIC ACCOMMODATION

Reasonable accommodations are available for students requiring an academic accommodation to fully participate in this class. These accommodations are available for students with a documented disability, chronic condition or any other grounds specified in section 8.0 of the Yukon University Academic Regulations (available on the Yukon University website). It is the student's responsibility to seek these accommodations. If a student requires an academic accommodation, they should contact the Learning Assistance Centre (LAC): lac@yukonu.ca.

TOPIC OUTLINE

Date of Zoom Class	Topic
January 5	Course Introduction
January 12	What is Wildlife Management? The North American Wildlife Management Model
January 19	Who Manages Wildlife? The Human Dimensions of Wildlife Management
January 26	Wildlife Management Planning
February 2	Wildlife Measurements
February 9	Wildlife Ecology: Food & Habitat Wildlife Ecology: Movements & Space Use
February 16	Wildlife Ecology: Competition & Predation Wildlife Ecology: Population Cycles
February 23	READING WEEK NO CLASS ☹
March 2	Wildlife Ecology: Population Growth
March 9	Harvest Management: Public Process Harvest Management: Applied Science
March 16	Harvest Management: Types of Harvest
March 23	Endangered Species: Threats & Stressors Endangered Species: Listing & Recovery
March 30	Endangered Species: Reintroductions Wildlife Control: Alien & Invasive Species
April 6	Wildlife Control: Overabundant Species
April 13	Forest Management and Wildlife Wildlife and Agriculture