



School of Science  
**RRMT 137**  
**Technical Skills and Practices in Renewable Resource  
Management**  
Fall 2023  
3 Credits  
**Course Outline**

---

**INSTRUCTOR:** Ryan C. van der Marel

**E-MAIL:** [rvandermarel@yukonu.ca](mailto:rvandermarel@yukonu.ca)

**OFFICE:** A2806

**PHONE:** (867) 456-6957

**CLASSROOM:** A2603

---

### **COURSE DESCRIPTION**

This course focuses on a subset of technical skills and knowledge that will contribute to a successful career in resource management. Lectures focus on a diverse set of topics that include workplace safety, the dynamics of conflict, time management, ethics (professional codes of conduct) and renewable resource management in a post-land claims environment. The mandatory computer lab component uses hands-on exercises that lead to practical computer fluency.

The course topics have been chosen based on feedback from graduates and employers and aim to address knowledge “niches” that may assist students in achieving professional success. For example, students working in northern Canada need a good understanding of the complexities of how land claims agreements have affected day-to-day resource management and the role of co-management bodies. Renewable resource issues are often controversial and students will benefit from some background training in managing and resolving conflict and an understanding of some of the ethical perspectives facing the profession.

### **COURSE REQUIREMENTS**

Admission to the Renewable Resources Management program or permission of the instructor. In preparation for the computer lab, students should be comfortable using a mouse, keyboard and have some exposure to Microsoft Windows, common computer applications, and Internet services such as e-mail and the web. Students without these skills may wish to first take the College's COMP 030 or COMP 050 introductory computer courses.

### **EQUIVALENCY OR TRANSFERABILITY**

Receiving institutions determine course transferability. Find further information at:  
<https://www.yukonu.ca/admissions/transfer-credit>

## LEARNING OUTCOMES

Upon successful completion of the course, students will:

- Be able to describe the groups involved in northern renewable resource management (e.g. various levels of governments as well as co-management bodies), their mandates, structures and interactions.
- Have experience and practice in applying skills that will enable them to work effectively in the renewable resource management field including:
  - Personal record keeping (e.g. statements, records, photographs, logs etc) and time management.
  - Communicating effectively in culturally diverse settings as well as in conflict situations.
- Recognize and exploit the features of computer programs such as word processors and spreadsheets that minimize effort and repetition.
- Understand how databases are designed for use in GIS systems.

## COURSE FORMAT

### Weekly breakdown of instructional hours

Lectures: Three hours per week (2 classes of 1.5 hours)

Labs: Two hours per week.

### Delivery format

Lectures will be led by an array of instructors and supplemented with a series of guest speakers. Topics will be presented through a combination of lectures and class discussions involving Renewable Resource Management professionals. This course will be delivered in a face-to-face format, both indoors in the classroom and outdoors (field trips). If necessary and depending on any further COVID restrictions, the course will be switched to a blended format (some F2F classes + some online classes) or even completely online with some self-directed field trips.

## EVALUATION

### Attendance and Participation

Regular attendance at both lectures and labs is required. Some of the course learning outcomes will be achieved through experiential learning so attendance and participation is critical.

**Computer Lab:** Late assignment may be penalized and will not be accepted after the assignments have been returned to the rest of the class. In the interest of minimizing distractions during the computer lab, students

are asked not to stray off task during scheduled class (e.g. using the computer for personal tasks such as sending or receiving e-mail, using social networks, etc.).

### **ASSIGNMENTS & TESTS**

Students must pass both the lecture and lab portions of the course to receive credit for the overall course. The final examination will be comprehensive and scheduled by the department. Students are expected to write their exams as scheduled unless there are serious extenuating circumstances such as serious illness, accident, or other legitimate circumstances beyond their control.

#### **Class-based:**

Participation	15%
Assignments and quizzes	35%
Semester project	15%
Group assignment	15%
Final Exam	20%
<b>Total</b>	<b>100%</b>

#### **Computer Lab:**

(Min of 50% in lab required to pass the course)

Assignments	80%
Quizzes (5)	20%
<b>Total</b>	<b>100%</b>

### **COURSE WITHDRAWAL INFORMATION**

Refer to the YukonU website for important dates.

### **TEXTBOOKS & LEARNING MATERIALS**

Together Today for Our Children Tomorrow. 1973. Council of Yukon First Nations. (Provided on the first day of class).

All other materials will be provided digitally on Moodle.

### **ACADEMIC INTEGRITY**

Students are expected to contribute toward a positive and supportive environment and are required to conduct themselves in a responsible manner. Academic misconduct includes all forms of academic dishonesty such as cheating, plagiarism, fabrication, fraud, deceit, using the work of others without their permission, aiding other students in committing academic offences, misrepresenting academic assignments prepared by

others as one's own, or any other forms of academic dishonesty including falsification of any information on any Yukon University document.

Please refer to Academic Regulations & Procedures for further details about academic standing and student rights and responsibilities.

### 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 by contacting the Learning Assistance Centre (LAC): [LearningAssistanceCentre@yukonu.ca](mailto:LearningAssistanceCentre@yukonu.ca).

### TOPIC OUTLINE

	DATE	TOPIC
Week 1	September 7, 9	Course Introduction Essential University-level Study/Work Skills
Week 2	September 14, 16	Yukon Land Claims Environment Yukon Resource Management "Regime"
Week 3	September 21, 23	Project Planning
Week 4	September 28, 30	Resumes, Cover Letters, getting your foot in the door
Week 5	October 5, 7	Wildlife Management and Traditional Knowledge
Week 6	October 12, 14	Field Research Skills Mid-term Exam
<b>Week 7</b>	<b>October 19, 21</b>	<b>SELF-STUDY PROJECTS</b>
Week 8	October 26, 28	Guest Speakers
Week 9	November 2, 4	Guest Speakers
Week 10	November 9	Guest Speakers Non-violent communication module, exact date TBA
Week 11	November 16, 18	Professional Ethics Guest Speakers
Week 12	November 23, 25	Culture and Conflict
Week 13	November 30, December 2	Perceptions & Body Language Unconscious Bias (if there is time)
Week 14	December 7	Course Wrap Up & Review