



UNIVERSITY OF  
ALBERTA



## REN307 / RRMT238

### **Environmental Assessment Principles and Methods / Environmental Protection and Impact Assessment**

In Winter 2017, RRMT238, *Environmental Protection and Impact Assessment* is being offered at Yukon College concurrent with the University of Alberta's REN307, *Environmental Assessment Principles and Methods*, as part of the Northern Environmental and Conservation Sciences, B.Sc. Program. All students registered in RRMT238 or REN307 must adhere to requirements outlined in this course syllabus. University of Alberta students must also be aware of, and adhere to, the University's Code of Student Behaviour, referenced in the outline; Yukon College students must be aware of, and adhere to, Yukon College's Academic Regulations, also referenced in the outline.

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**INSTRUCTOR:** Amelie Janin  
NSERC Industrial Research Chair in Mine Life Cycle

**OFFICE HOURS:** Every week days

**OFFICE LOCATION:** Yukon Research Centre NR16

**TELEPHONE/E-MAIL:** (867) 668 8881/ ajanin@yukoncollege.yk.ca

**FAX:**

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**CLASS DAYS & TIMES:** Tuesdays/Thursdays, 4:00-5:30 pm

**CLASS LOCATION:** Room A2103

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#### **COURSE DESCRIPTION:**

Environmental and socio-economic effects assessment ensures that the effects of development activities are considered before they happen and that significant adverse effects will be mitigated.

This course is comprised of the following assessment topics:

Lectures 1-3: YESAB

Lectures 4-5: Adaptive Management

Lectures 6-7: Cumulative Effects Assessment

Lectures 8-9: VESEC's Assessment

Lecture 10: Additional VESEC

Lecture 11-13: Socio Economic Effects Assessment

Lecture 14-15: Water

Lecture 16-17: Aquatic Systems  
Lecture 18-19: Soils and Vegetation  
Lecture 20-21: Wildlife and Habitat  
Lecture 22-23: Case Studies

### **STUDENT LEARNING OUTCOMES AND COMPETENCIES:**

Upon successful completion of this course students will be able to do the following:

- Understand the history and continuing evolution of assessment process.
- Understand the reasons for conducting assessments
- Understand assessment timelines and process.
- Be aware of opportunities for public participation and public engagement in the process.
- Understand what information is required, determining the relevance and validity of information and incorporating information into assessments.

### **COURSE FORMAT:**

The course consists of two 1.5-hour lectures per week.

### **COURSE PREREQUISITES AND/OR CO-REQUISITES:**

*For students taking the course as RRMT 238: Admission to the second year of the Yukon College Renewable Resources Management Program.*

For students taking the course as RENR 307: Registration in Yukon College/University of Alberta B.Sc. in Environmental and Conservation Sciences degree program.

### **REQUIRED TEXTBOOKS/MATERIALS:**

None.

### **COURSE WEBSITE**

Course materials will be available on Yukon College Moodle website at [www.yukoncollege.me](http://www.yukoncollege.me)

### **UNIVERSITY OF ALBERTA ACADEMIC INTEGRITY AND CODE OF STUDENT BEHAVIOUR**

#### **Academic Integrity**

“The University of Alberta is committed to the highest standards of academic integrity and honesty. Students are expected to be familiar with these standards regarding academic honesty and to uphold the policies of the University in this respect. Students are particularly urged to familiarize themselves with the provisions of the Code of Student Behaviour ([www.ualberta.ca/secretariat/appeals.htm](http://www.ualberta.ca/secretariat/appeals.htm)) and avoid any behaviour which could potentially result in suspicions of cheating, plagiarism,

misrepresentation of facts and/or participation in an offence. Academic dishonesty is a serious offence and can result in suspension or expulsion from the University.” (GFC 2003)

### **Code of Student Behaviour**

“All students at the University of Alberta are subject to the Code of Student Behaviour, as outlined at:

<http://www.governance.ualberta.ca/en/CodesofConductandResidenceCommunityStandards/CodeofStudentBehaviour.aspx> Please familiarize yourself with it and ensure that you do not participate in any inappropriate behavior as defined by the Code. Key components of the code include the following statements.

30.3.2(1) No Student shall submit the words, ideas, images or data of another person as the Student’s own in any academic writing, essay, thesis, project, assignment, presentation or poster in a course or program of study.

30.3.2(2) c. No Student shall represent another’s substantial editorial or compositional assistance on an assignment as the Student’s own work.”

### **YUKON COLLEGE ACADEMIC STANDARDS AND REGULATIONS**

Yukon College students are expected to be familiar with academic standards and regulations as outlined in Yukon College’s Academic Regulations, at

[http://www.yukoncollege.yk.ca/downloads/Academic\\_Regulations\\_2004.pdf](http://www.yukoncollege.yk.ca/downloads/Academic_Regulations_2004.pdf).

### **Plagiarism**

Plagiarism is a serious academic offence. Plagiarism occurs when students present the words of someone else as their own. Plagiarism can be the deliberate use of a whole piece of another person’s writing, but more frequently it occurs when students fail to acknowledge and document sources from which they have taken material. Whenever the words, research or ideas of others are directly quoted or paraphrased, they must be documented according to an accepted manuscript style (e.g., APA, CSE, MLA, etc.). Resubmitting a paper 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 College.

### **PROFESSIONALISM AND CLASSROOM RULES OF ENGAGEMENT**

Students are expected to attend all lectures and labs, be engaged and courteous in all course activities, and to be on time for class. Please do not use cellular phones during class. Laptops are permitted for note taking and in-class work; however, please do not use laptops in class for non-class-related activities. While in computer labs, students are expected to refrain from using the computers to engage in non-class-related activities (e.g. Facebook, etc.).

## **COURSE REQUIREMENTS/EVALUATION:**

### **Attendance and Participation**

Attendance is mandatory. Unexcused absences from more than 10% of activities may result in a failing grade.

### **Assignments**

#### *Questions to invited speakers*

Students are expected to be prepared to attend the presentation by the invited speakers by preparing a question for the invited speaker. The question should be submitted on Moodle prior to the lecture.

#### *Summary*

The student(s) should prepare a summary of one lecture by an invited speaker (to be allocated on Jan 12<sup>th</sup> 2017) including a brief presentation of the role of the organization represented by the invited speakers in environmental assessments in Yukon and a discussion of the benefits and challenges faced by this organization.

### **Exams**

There will be one midterm exam and one final exam. The midterm will be scheduled during class time TBA. The final examination will be held at the end of term, during the scheduled College exam period.

### **Evaluation**

The course grade will be determined as follows:

#### *Students enrolled in the course as RRMT238:*

	<b>Percent</b>
Questions to invited speakers (12)	20%
Summary	20%
Midterm exam (in class Feb 26)	20%
Participation	10%
Final Exam	30%

#### *Students enrolled in the course as RENR307:*

	<b>Percent</b>
Questions to invited speakers (12)	20%
Summary	20%
Midterm exam (in class Feb 26)	20%
Participation	10%
Final Exam	30%

### **Due Dates**

Questions to the invited speaker will be due by 12pm on the day the invited speaker comes in the classroom.

The summary will be due on April 6<sup>th</sup> 2016. In case of late submissions, 10% of the mark will be deducted per day.

### **Assignment of grades**

Grades will NOT be adjusted to fit a predetermined distribution. The total numerical score will be converted to a grade on the University of Alberta's letter grading system (for students enrolled in RENR 307) or on Yukon College's letter grading system (for students enrolled in RRMT 238).

### **YUKON FIRST NATIONS CORE COMPETENCY:**

Yukon College 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 College program, you will be required to achieve core competency in knowledge of Yukon First Nations. For details, please see [www.yukoncollege.yk.ca/yfnccr](http://www.yukoncollege.yk.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 College Academic Regulations (available on the Yukon College website). It is the student's responsibility to seek these accommodations. If a student requires an academic accommodation, he/she should contact the Learning Assistance Centre (LAC) at (867) 668-8785 or [lassist@yukoncollege.yk.ca](mailto:lassist@yukoncollege.yk.ca).

### **YUKON COLLEGE LORENE ROBERTSON WRITING CENTRE**

All students are encouraged to make the Writing Centre a regular part of the writing process for coursework. The Writing Centre offers half-hour writing coaching sessions to students of all writing abilities. Coaching sessions are available in person and through distance technologies (e.g., email plus Skype or phone). For further information or to book an appointment, visit the Centre's website:

[www.yukoncollege.yk.ca/student\\_info/pages/writing\\_centre\\_writingcentre@yukoncollege.yk.ca](http://www.yukoncollege.yk.ca/student_info/pages/writing_centre_writingcentre@yukoncollege.yk.ca)

or

email

### **EQUIVALENCY/TRANSFERABILITY:**

For current information on course transferability see <http://www.bctransferguide.ca>

### **TENTATIVE SCHEDULE OR TOPIC OUTLINE:**

<b>Date</b>	<b>Main topics</b>	<b>Speaker</b>
5-Jan-16	YESAB	Amelie
10-Jan-16	YESAB	Invited speaker
12-Jan-16	YESAB	Amelie
17-Jan-16	YESAB	Invited speaker
19-Jan-16	Adaptive management	Amelie
24-Jan-16	Cumulative Effect Assessment	Amelie
26-Jan-16	VESEC's assessment	Amelie
31-Jan-16	Cumulative Effect Assessment	Invited speaker
2-Feb-16	Cumulative Effect Assessment	Invited speaker
7-Feb-16	Adaptive management	Invited speaker
9-Feb-16	VESEC's assessment	Invited speaker
14-Feb-16	EXAM + Additional VESEC	Amelie
16-Feb-16	Socio-economic assessments	Amelie
21-Feb-16	READING WEEK	
23-Feb-16	READING WEEK	
2-Mar-16	Socio-economic assessments	Invited speaker
7-Mar-16	Socio-economic assessments	Invited speaker
9-Mar-16	Water	Amelie
14-Mar-16	Water	Amelie
16-Mar-16	Water	Amelie
21-Mar-16	Aquatic systems	Amelie
23-Mar-16	Aquatic systems	Invited speaker
28-Mar-16	wildlife and habitat	Amelie
30-Mar-16	wildlife and habitat	Invited speaker
4-Apr-16	Soils and vegetation	Invited speaker
6-Apr-16	Soils and vegetation	Amelie