

DIVISION OF APPLIED SCIENCE AND MANAGEMENT
Introduction to Land Management
3 Credit Course
Fall, 2014

INTRODUCTION TO LAND MANAGEMENT

INSTRUCTOR: Alexandra de Jong Westman	OFFICE HOURS: N/A
OFFICE LOCATION: N/A	CLASSROOM: C1511
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TELEPHONE: N/A	DATES: Sept. 4 – Dec. 19, 2014

COURSE DESCRIPTION

This course will explore many of the aspects of land and water management includes historic factors that have influenced how the field of land management has developed. A large component of the course will deal with existing laws and policies that deal with land management and planning including relevant chapters of the Yukon Umbrella Final Agreement and land claims. Familiarity with these agreements is necessary to understand and appreciate the management of natural resources in the Yukon.

PREREQUISITES

Admission to second-year of the Renewable Resource Management Program.

EQUIVALENCY OR TRANSFERABILITY

Transfers to Thompson Rivers University as TRU-OL ENVS 2XX1 (3)

Transfers to University of Northern British Columbia as UNBC NREM 2XX (3)

LEARNING OUTCOMES

Students who successfully complete all components of the course will be able to:

- Explain what land management is and list its main components. Specific focus will be on how land is categorized and managed in the Yukon.
- List the main historic factors and events that have affected land management in the Yukon and explain how these have influenced the current land management regime (i.e. Gold Rush / free-entry system, land claims, settlement lands and co-management boards).
- Identify the different categories of land in the Yukon and know the steps involved in determining who has jurisdiction for:

- Categories of private land (e.g. fee simple, settlement lands); and,
- Categories of public lands.
- Explain how different lands are managed in the Yukon. Students will work with different case studies to learn about the role of policy, planning, regulation and legislation in land management and the specific regulatory framework that is in place to deal with different types of activities on Yukon lands.
- Describe the process established by the land claim agreements to manage land and how these processes fit together.

DELIVERY METHODS

The course material will be delivered in lecture format.

COURSE FORMAT

The course topics will be covered through lectures, assigned readings and case studies.

COURSE REQUIREMENTS

ASSESSMENTS

Attendance

Regular attendance is encouraged. Opportunities to make-up work or testing events that have been missed as a result of excused absences will be determined on a case-by-case basis. Missed work that results from unexcused absences cannot be made up.

Participation

Students are expected to participate in the in-class and online discussions in order to receive full-value from the information provided in the readings and lecture.

Assignments

There will be four assignments based on the lectures, class readings and case studies. The assignments will make up 40% of the final mark.

Projects

One semester-long independent project (Assignment #4) will be assigned at the beginning of the term with completion at the end of the semester and will include an oral presentation.

Tests

There will be a mid-term exam (20% of the final mark) and a final exam (30% of the final mark). These will require the entire class time and consist of a mixture of multiple-choice questions (1 mark each), short-answer questions (3 marks each), paragraph-style (5 marks) and one to three long-answer questions (10 marks each).

EVALUATION

In-class Assignments and Participation (based on regular attendance and regular participation in class discussions)	10%
Regular Assignments	40%
Assignment #1 (5%)	
Assignment #2 (10%)	
Assignment #3 (10%)	
Assignment #4 (15%)	
Exams	50%
Mid-term (20%)	
Final exam (30%)	
TOTAL	100%

My expectations for the quality of your written work in this course are fairly high. The same is true for your critical engagement with the readings assigned for the assignments, online and in-class discussions. My evaluation of your assignments and exams will be based on the content and ideas; as well as, presentation, grammar, and spelling. Points will be deducted for the basic or excessive errors in grammar and usage. Incoherent or generally sloppy work will be penalized as well. If you do not think that you are a strong writer, I invite you to make an appointment with the Yukon College Writing Centre by phone (668-8842) or by email writingcentre@yukoncollege.yk.ca.

REQUIRED TEXTBOOKS AND MATERIALS

There are no textbooks required for this course. Course material including required readings and case study materials will be provided during the course. Students are advised to obtain their own copy of the Yukon Umbrella Final Agreement (available at: http://www.aadnc-aandc.gc.ca/DAM/DAM-INTER-HQ/STAGING/texte-text/al_ldc_ccl_fagr_ykn_umb_1318604279080_eng.pdf or from the Library).

Students are advised to ensure they have a valid email account and must have access to the Internet to participate in this course (high-speed internet is an asset).

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.

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.

TOPIC OUTLINE

Course Week	Dates	Subject or Event	Applicable Readings (for the following class)
Week 1	September 2, 2014	<ul style="list-style-type: none"> No class (Orientation Day) 	<ul style="list-style-type: none"> none
	September 4, 2014	<ul style="list-style-type: none"> Introduction to course material, course outline and schedule History of land use and resource management in the Yukon 	<ul style="list-style-type: none"> Alcantara et al.: Assessing Devolution in the Canadian North Dale et al.: Ecological Principles and Guidelines for Managing the Use of the Land Maestas J.D.: Natural Resource Management for a New Generation Rohlmann M.: Integrated Natural Resource Management Yukon Government: Umbrella Final Agreement: Chapter 4
Week 2	September 9, 2014	<ul style="list-style-type: none"> Land types in the Yukon Recognizing the natural value of the land How humans depend on nature and ecosystem services 	<ul style="list-style-type: none"> Nie, M.: Role of Regulatory Enforcement in Natural Resource Conservation Yukon Government: Umbrella Final Agreement: Chapter 4, 5 & 10
	September 11, 2014	<ul style="list-style-type: none"> Assigning of Assignment #4 (due at end of semester) Regulatory framework for land use and land management Reserves, set-asides, tenured lands and special management areas 	<ul style="list-style-type: none"> Yukon Government: Lands Act Yukon Government: Umbrella Final Agreement: Chapter 11 & 12 Yukon Environmental Socio-economic Approvals Board (YESAA): Yukon Environmental and Socio-economic Assessment Act
Week 3	September 16, 2014	<ul style="list-style-type: none"> Regulatory Framework continued Land Use and Development Planning 	<ul style="list-style-type: none"> Yukon Government: Umbrella Final Agreement: Chapter 16 Yukon Government Parks and Land Certainty Act
	September 18, 2014	<ul style="list-style-type: none"> Regulatory Framework continued Responsibility, management and liability of natural 	<ul style="list-style-type: none"> Yukon Government: Umbrella Final Agreement: Chapter 24 Yukon Government: First Nations (Yukon) Self-

		resources (fish and wildlife) and lands	Government Act <ul style="list-style-type: none"> Yukon Government: Land Claims Settlement Act
Week 4	September 23, 2014	<ul style="list-style-type: none"> First Nations Self Government Devolution of responsibility and jurisdiction Implications of being self-governing 	<ul style="list-style-type: none"> Yukon Government: Peel Watershed Regional Land Use Plan Gwich'in Tribal Council: The Gwich'in and the Peel Watershed
	September 25, 2014	<ul style="list-style-type: none"> Case Study #1: Peel Watershed Land Use Plan, Before and After Assigning of Assignment #1 	<ul style="list-style-type: none"> Broberg L.: Conserving Ecosystems Locally Staples et al.: Fixing Land Use Planning in the Yukon
Week 5	September 30, 2014	<ul style="list-style-type: none"> Case Study #1 continued Importance of land management, impacts on past and future 	<ul style="list-style-type: none"> City of Whitehorse: Official Community Plan Kwanlin Dun: Kwanlin Dun First Nation Final Agreement Kwanlin Dun: Land Claims Agreement Summary
	October 2, 2014	<ul style="list-style-type: none"> Assignment #1 DUE at beginning of class Case Study #2: Whitehorse Land Use Planning, past to present Assigning of Assignment #2 	<ul style="list-style-type: none"> Kwanlin Dun: Back to the River Kwanlin Dun: Self Governing Agreement Kwanlin Dun: Water Running Through a Narrow Place
Week 6	October 7, 2014	<ul style="list-style-type: none"> Case Study #2 discussion con't. 	<ul style="list-style-type: none"> None
	October 9, 2014	<ul style="list-style-type: none"> Review of material for mid-term exam 	<ul style="list-style-type: none"> Study! ☺
Week 7	October 14, 2014	<ul style="list-style-type: none"> Assignment #2 DUE at the beginning of class Mid-term Exam 	<ul style="list-style-type: none"> Dawson City: Regional Land Use Plan Tr'ondëk Hwëch'in: Self Government Agreement Tr'ondëk Hwëch'in: Final Agreement
	October 16, 2014	<ul style="list-style-type: none"> Case Study #3: Dawson City Regional Land Use Plan Assigning of Assignment #3. 	<ul style="list-style-type: none"> City of Dawson: Dawson Climate Change Adaptation Plan Tr'ondëk Hwëch'in: Tr'ondëk Hwëch'in Mining Mandate

Week 8	October 21, 2014	<ul style="list-style-type: none"> • Case Study #3 continued 	<ul style="list-style-type: none"> • Halpin: Global Climate Change and Natural Area Protection • Dale: The Relationship Between Land-use Change and Climate Change
	October 23, 2014	<ul style="list-style-type: none"> • Assignment #3 DUE at the beginning of class • Climate change implications on natural resources and land management 	<ul style="list-style-type: none"> • Environment Canada: Land Use Planning Tools for Local Adaptation to Climate Change • Yukon Government: Yukon Water: An Assessment of Climate Change Vulnerabilities
Week 9	October 28, 2014	<ul style="list-style-type: none"> • Influences of climate change on land management • Considerations for the future • How has climate change already impacted land use and management 	<ul style="list-style-type: none"> • Yukon Government: Waters Act • Yukon Government: Umbrella Final Agreement: Chapter 14 • Yukon Water Board: YESAA and the Yukon Water Board: How do they link?
	October 30, 2014	<ul style="list-style-type: none"> • Yukon Waters Act • Yukon Water Board • Common conflicts in natural resource management: water availability 	<ul style="list-style-type: none"> • Environment Canada: Integrated and Cumulative Threats to Water Availability
Week 10	November 4, 2014	<ul style="list-style-type: none"> • Common conflicts in natural resource management: water availability 	<ul style="list-style-type: none"> • Yukon Government: Umbrella Final Agreement: Chapter 18 • Yukon Government: Placer Act • Yukon Government: Quartz Mining Act
	November 6, 2014	<ul style="list-style-type: none"> • Yukon Placer Act • Yukon Quartz Mining Act • Common conflicts in natural resource management: Mining 	<ul style="list-style-type: none"> • Ptacek et al.: Land Use Practices and Changes – Mining and Petroleum Production • Owens, S.: Energy Demand: Links to Land-use and Forward Planning
Week 11	November 11, 2014	Remembrance Day – no class	
	November 13, 2014	<ul style="list-style-type: none"> • Common conflicts in natural resource management: Mining 	<ul style="list-style-type: none"> • Yukon Government: Yukon Agriculture: State of the Industry Report 2010 – 2012 • Yukon Government: Yukon

			Agriculture
Week 12	November 18, 2014	<ul style="list-style-type: none"> Common conflicts in natural resource management: Agriculture 	<ul style="list-style-type: none"> Yukon Government: Agriculture and Permafrost Harker et al.: Land Use Practices and Changes – Agriculture Yukon Government: 2006 Yukon Agriculture Policy Proposed IbeX Agriculture Subdivision
	November 20, 2014	<ul style="list-style-type: none"> Common conflicts in natural resource management: Agriculture 	<ul style="list-style-type: none"> Yukon Government: Umbrella Final Agreement: Chapter 17 Yukon Government: Forest Protection Act Yukon Government: Forest Resources Act Thormann et al.: Land Use Practices and Changes - Forestry
Week 13	November 25, 2014	<ul style="list-style-type: none"> Common conflicts in natural resource management: Forestry 	<ul style="list-style-type: none"> Weber and Adamowicz: Tradable Land-use Rights for Cumulative Environmental Effects Management Bradford and D'Amato: Recognizing Trade-offs in Multi-objective land management Theobald et al.: Ecological Support for Rural Land-Use Planning
	November 27, 2014	<ul style="list-style-type: none"> Assignment #4 DUE at the beginning of class Pulling it all together: understanding land value, effects of land use and effective land management 	<ul style="list-style-type: none"> Prepare presentations
Week 14	December 2, 2014	<ul style="list-style-type: none"> Presentations 	<ul style="list-style-type: none"> None
	December 4, 2014	<ul style="list-style-type: none"> Last day of class Presentations 	<ul style="list-style-type: none"> None
	TBA	Final Exam	

IMPORTANT DATES FOR THE 2014 FALL TERM

Date	Holiday or Event
Monday September 1, 2014	Labour Day (<i>no classes</i>)
Tuesday September 2, 2014	Student Orientation Day
Wednesday September 3, 2014	First day of classes for most full time programs
Thursday September 4, 2014	First day for RRMT 241
Friday September 5, 2014	Last day to register for credit courses
Friday September 12, 2014	Last day to change courses
Thursday October 2, 2014	Assignment #1 DUE
Tuesday October 14, 2014	Assignment #2 DUE
Monday October 13, 2014	Thanksgiving Day (<i>no classes</i>)
Tuesday October 14, 2014	Mid-Term Exam
Thursday October 23, 2014	Assignment #3 DUE
Tuesday November 11, 2014	Remembrance Day (<i>no classes</i>)
Wednesday November 12, 2014	Last day to withdraw from credit courses without academic penalty
Monday December 1, 2014	Registration for Winter Term begins
Thursday November 27, 2014	Assignment #4 DUE
Friday December 5, 2014	Last day of classes
Monday December 8, 2014	First day of final exams
TBA	Final Exam for RRMT 241
Friday, December 19, 2014	Last day of classes or exams for all programs
December 25, 2014 – January 1, 2015	College closed