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APPLIED ARTS DIVISION
CCPC 502
3 Credit Course
Winter, 2018

STRATEGIC PLANNING FOR CLIMATE CHANGE ADAPTATION AND MITIGATION

INSTRUCTOR: Katrine Frese

TIME: Online

CLASSROOM: Online

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DATES: January 3 - April 25, 2018

COURSE DESCRIPTION

This highly interactive course exposes students to the concepts, tools and processes of strategic planning from a climate change policy perspective. It will explore how to set strategic objectives and action plans in order to realize climate change adaptation and/or mitigation goals, especially in a Northern setting. This course teaches tools and tactics to formulate, plan, execute and measure the success of a strategy. It will provide students with a framework to be able to develop climate change policies that

- a. simultaneously address adaptation and mitigation measures, and
- b. are capable of protecting the environmental and social integrity of communities and regions, and fostering ecologically sustainable economic development.

The course will explore the means to ensure that strategy development addresses real (verified, validated, most pressing) issues and leads toward effective solutions. Under a climate change policy umbrella, tools utilized include scenario building and mapping climate change effects to specific sectors, issues and geographies; risk assessment; and benefit-cost analysis. Indigenous people's engagement, consultation and consent play a crucial role in the process, and will be addressed at the same time as public participation in general. Finally, this course will address limits to adaptation, maladaptation, climate economics and governance. Students will review case studies

and apply critical thinking and problem solving skills.

PREREQUISITES

Students must be eligible to register in the Climate Change Policy Certificate or obtain permission from the School of Liberal Arts to register in this course.

EQUIVALENCY OR TRANSFERABILITY

In progress

LEARNING OUTCOMES

Upon successful completion of the course, students will be able to

- Explain methods and tools commonly used in contemporary strategic planning processes involving multi-stakeholder engagement
- Recognize the need of public participation and indigenous people's engagement in strategic planning, while being aware of Northern legislation (land claims) and other obligations like formal consultation
- Apply strategic planning tools, for instance gap analysis or scenario building, to develop adaptation and mitigation responses in a climate change context
- Develop climate change policy that incorporates adaptation responses and mitigation measures simultaneously, while reflecting and respecting indigenous and Northern values
- Develop climate change policy that protects the environmental and socio-cultural integrity of communities and regions and fosters future ecologically sustainable economic development
- Analyse and illustrate how various factors influence evidence-based, participatory decision-making in a climate change policy context.

COURSE FORMAT

This course will be delivered through an online learning management system (LMS) and web conferencing. Courses are modularized. Students will be expected to read assigned module readings and are encouraged to explore and read supplementary materials.

This online course is taught in a combined synchronous and asynchronous format requiring students to participate in a maximum of 3 hours of synchronous classes per week. Students should also expect to spend approximately 5-6 hours per class hour

outside of class (for readings and assignments).

RELATED COURSE REQUIREMENTS

This online course requires that students are able to engage effectively through the Yukon College learning management system (LMS). All students are strongly encouraged to have their own personal computing device that meets the minimum operating requirements as described by Yukon College's Information Technology and Learning Commons (ITLC).

Email and frequent internet access are an important part of this course. This course will emphasize the importance of locating and managing information on the internet, as this is an essential tool for interdisciplinary research. The instructor will communicate through a variety of electronic means. The use of Yukon College's LMS is mandatory.

ASSESSMENTS

Attendance & Participation

A student enrolled in this course will not be successful without active participation. Although online, all lectures, assignments, and seminar classes complement each other, and failure to attend any portion of the class will severely limit a student's ability to effectively learn course material.

Assignments

Module Exercises - Students will be given four gradable module exercises throughout the course. These may involve

- preparing for an in-class activity, and/or
- presenting answers to the class from study questions, and/or
- contributing to a class strategic planning toolbox, and/or
- submitting a response or a short answer or essay questions to the instructor.

All four assignments must be completed to obtain a final grade.

Online Discussion Board - on a weekly basis, students will post contributions (minimum of 150 words)

Strategic Planning Report - students will prepare a report drafting a strategic planning session on a topic, chosen in consultation with the instructor (word processed, 3000-5000 words). Each report must include a reference list/bibliography using academic citation standards.

Strategic Planning Session and Presentation - Each student will be required to deliver

a 10-minute overview presentation on their strategic planning report and a 20-minute active planning session on a selected part of their report. Presentations will be graded on the clarity of the material presented, oral presentation skills, quality of visual presentation aids and the quality of the responses to questions posed by the audience and instructor following the presentation. The active planning session will be graded on clarity of the material presented, facilitation skills, interactivity, the quality of visual presentation aids and the quality of the responses to questions posed by the audience and instructor during the session.

Final Exam - There will be a two-part take-home final exam consisting of short answer and essay questions and a strategic planning problem.

EVALUATION

The course grade will be determined as follows:

Module Exercises, four at 7.5% each	30 %
Online Discussion Board	5 %
Paper	20 %
Presentation	20 %
Exam	25 %
Total	100 %

DUE DATES

Students are expected to hand in deliverables in a timely manner. A schedule of deadlines will be provided in class and will be available on the course site. Students will be penalized for handing assignments in late. Assignments submitted up to one week late after the deadline will have 25% deducted from their mark. Assignments submitted up to two weeks late will have 50% deducted from their mark. After two weeks, a mark of 0% will be given. This does not apply to the online discussion board. Weekly postings to the online discussion board are mandatory. Further grading will be provided on the course website.

If a student is aware that they have a conflict with a due date, it is the student's responsibility to make arrangements with the instructor accordingly.

All assignments are due at the beginning of class.

REQUIRED TEXTBOOK AND MATERIALS

There is no assigned textbook for this course. Students are expected to make use of the required reading list. It is the student's responsibility to go online weekly to access required reading materials. Note: The reading lists below are subject to change. The reading lists will be updated on the course website throughout the term.

Required Reading

- Warren, F.J. and Lemmen, D.S., editors, 2014. Canada in a Changing Climate: Sector Perspectives on Impacts and Adaptation (Chapter 9); Government of Canada, Ottawa, ON, 286p.
http://www.nrcan.gc.ca/sites/www.nrcan.gc.ca/files/earthsciences/pdf/asses/2014/pdf/Full-Report_Eng.pdf
- Blackerby, P., 1994. History of strategic planning. Armed forces comptroller magazine, 39(1), 40-49. A slightly revised version can be accessed from:
<http://www.blackerbyassoc.com/history.html#fns1>
- Online resources on strategic planning basics:
<http://www.strategymanage.com/strategic-planning-basics/>
<http://balancedscorecard.org/Resources/Strategic-Planning-Basics>
- Kennedy, A.W. and Kennedy, T. E., 2013. The Alpha Strategies: Understanding Strategy, Risk, and Values in Any Organization. Xlibris Corporation.
<http://www.thealphastrategies.com/free-e-book-download/>
- Bardach, E. and Patashnik, E.M., 2015. A practical guide for policy analysis: The eightfold path to more effective problem solving. CQ press.

Suggested Reading

- Intergovernmental Panel on Climate Change, Fifth Assessment Report, Impacts, Adaptation and Vulnerability, Summary for Policy Makers
http://www.ipcc.ch/pdf/assessment-report/ar5/wg2/ar5_wgII_spm_en.pdf
- Intergovernmental Panel on Climate Change, Fifth Assessment Report, Mitigation of Climate Change, Summary for Policy Makers
http://www.ipcc.ch/pdf/assessment-report/ar5/wg3/ipcc_wg3_ar5_summary-for-policymakers.pdf

- Streicker, J., 2016. Yukon Climate Change Indicators and Key Findings 2015. Northern Climate ExChange, Yukon Research Centre, Yukon College, 84 p. https://www.yukoncollege.yk.ca/downloads/Indicator_Report_Final_web.pdf
- Environment Yukon, Climate Change Action Plan and progress Reports <http://www.env.gov.yk.ca/air-water-waste/ccactionplan.php>
- Yukon Greenhouse Gas Emissions Final Report http://www.env.gov.yk.ca/publications-maps/documents/Yukon_Transportation_Sector_GHG_Emissions_Final_Updated_Report_March_2015.pdf
- Energy Strategy for Yukon http://www.energy.gov.yk.ca/energy_strategy.html
<http://www.cbc.ca/news/canada/north/yukon-government-proposes-biomass-energy-strategy-1.3052566>
- Yukon Water Strategy http://www.env.gov.yk.ca/publications-maps/documents/Yukon_Water_Strategy_Action_Plan.pdf
- Arctic Climate Impact Assessment, Highlights Document <http://www.acia.uaf.edu/pages/overview.html>
- Shaffer, M., 2010. Multiple Account Benefit-Cost Analysis: A Practical Guide for the Systematic Evaluation of Project and Policy Alternatives. University of Toronto Press.
- Cartwright, N. and Hardie, J., 2012. Evidence-based policy: A practical guide to doing it better. Oxford University Press.

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 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.

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 <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.

CCPC 502 - STRATEGIC PLANNING FOR CLIMATE CHANGE ADAPTATION AND MITIGATION (3 CREDITS)

Week	Topic
1	What do we know? Why should we care? What can we do? The importance of strategic planning for climate change policy development
2	Strategic planning 101
3	Planning session (1) – Define vision and goal of policy; the common good; perform baseline and gap analysis
4	Planning session (2) – Identify and develop strategic choices/objectives to meet stated outcomes; action plan
5	Planning session (3) – Implementation and evaluation: Identify action plan to meet stated outcomes; Implement; Evaluate effectiveness
6	Evidence-based decision-making: Using evidence effectively in decision making - It worked here does not mean it'll work there / How to use evidence effectively in developing climate change adaptation and mitigation measures
7	Role of public participation and indigenous people's engagement in strategic planning for climate change decision making
8	Roles of scientific advisors and policy analysts within the public service (AO) and indigenous governments through the policy process
9	Roles of decision-makers at the political level, citizens, the media, and organizations with public and private interests through the policy process
10	Case studies (1) – including limits of adaptation and maladaptation
11	Case studies (2) – How to assess "the future"
12	Class Presentations and discussion
13	Class Presentations and discussion
14	Exam

Other readings and materials may be assigned or advised. A detailed syllabus is provided in class and is found on the course site.