APPLIED ARTS DIVISION
School of Liberal Arts
Winter Semester, 2018

COURSE OUTLINE

CCPC 504

CLIMATE CHANGE POLICY FIELD SCHOOL

60 HOURS
3 CREDITS

PREPARED BY:	Dr. Katrine Frese, Instructor/Coordinator	DATE:
APPROVED BY:	Dr. Andrew Richardson, Dean	DATE:
APPROVED BY ACADEMIC COUNCIL		DATE:
RENEWED BY ACADEMIC COUNCIL		DATE:

APPLIED ARTS DIVISION
CCPC 504
3 Credit Course
Winter, 2018

CLIMATE CHANGE POLICY FIELD SCHOOL

INSTRUCTOR: Katrine Frese

CLASSROOM: Online

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TIME: Online

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DATES: May 28 – June 8, 2018 (To be confirmed)

COURSE DESCRIPTION

The Post-Degree Certificate in Climate Change Policy field school is a three-credit, ten-day practical experience designed to demonstrate the effects of climate change on the northern physical and biological ecosystem as well as effects on infrastructure and communities, including indigenous culture and traditions. Students will explore examples of permafrost thaw, glacial retreat and shifting biomes and discuss immediate policy issues with communities, governments and relevant organizations that hold public and private interests.

As such, there will be various field excursions to show students the possible spectrum of climate change effects on the environment as well as their impact on infrastructure, communities and traditional living. Students will benefit from the presence of professionals sharing their experiences during the site visits. Additionally, students will visit communities and have face-to-face meetings with representatives from indigenous and territorial governments. These meetings will emphasize the relationships between local and regional environments and their natural resources and hazards through a climate change policy perspective. Community well-being and sense of place as well as other socio-economic factors will also be explored.

PREREQUISITES

Students must have completed CCPC 500, CCPC 501, CCPC 502 and CCPC 503 to be eligible to enroll in the field school, or obtain permission from the School of Liberal

Arts to attend this course.

EQUIVALENCY OR TRANSFERABILITY

In progress

LEARNING OUTCOMES

Upon successful completion of the field school, students will be able to

- Distinguish between a variety of effects of climate change on the environment and on Northern communities and governments (including effects on indigenous culture, Traditional land based activities, infrastructure etc.), as experienced during the field school
- Identify practical skills employed in climate change science and monitoring field
- Identify practical skills employed in socio-community work and research, including indigenous people's engagement and protocol
- Link climate change impacts on local environments and corresponding resources with community needs and issues being faced, to create an adaptation and mitigation vision for the future, and initiate the policy process reflecting and respecting Northern and indigenous values
- Recognize the key players in decision making within the Yukon regulatory regime, while being aware of existing laws and policies that relate to climate change
- Initiate dialogue between key players and develop strong inter-disciplinary and cross-cultural working relationships and active collaborations to support the climate change policy development, implementation and evaluation processes
- Prepare and use technical reports, briefing notes and/or policy drafts on various climate change adaptation and mitigation topics

COURSE FORMAT

This course will be delivered through direct classroom contact, fieldwork and online.

RELATED COURSE REQUIREMENTS

This 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. The

instructor will communicate through email, the course site, and Yukon College's LMS. 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 in both class and field work.

Assignments

Students will work on various projects (or modules) in a collaborative environment. Students will be required to complete three assignments, including a climate change policy project related to a community and/or within their employment area (word processed, 6000 words). A 10 to 15-minute presentation of the project is required. All three assignments (see table below) must be completed to obtain a final grade.

EVALUATION

The course grade will be determined as follows:

Active and Engaged Participation (including preparation for following field day)	30 %
Assignment 1: Field book and corresponding report (e.g., mapping, monitoring, natural science based)	15 %
Assignment 2: Climate Change Policy (e.g., develop survey for specific topic; develop draft policy document for specific issue) referring to community visits, focusing on socio-economic issues	15 %
Assignment 3a: Project Paper/ Report (possible topics given at beginning of course)	25 %
Assignment 3b: Presentation	15 %
Total	100 %

DUE DATES

Students are expected to hand in deliverables on time. Schedule of deadlines will be provided in class and is found on the course site. Students will be penalized for handing assignments in late.
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. There is no guarantee that accommodations can be made.

REQUIRED TEXTBOOK AND MATERIALS

There is no assigned textbook for this course. Reading materials will be loaded on to the course website prior to the beginning of the course and are subject to updates throughout the course. It is the student's responsibility to go online daily to access required reading materials. Students are expected to make use of the required reading list provided.

An equipment list will be sent to students well in advance of the start of the course. The college is not responsible for basic field gear (e.g., hiking boots, rain coat, etc.). If more specialized equipment is needed, it will be provided by the program.

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.

Attendance is integral to student success. Discussion and participation are particularly important in this class, and students are expected to attend regularly and punctually. If you miss a class, it is your responsibility to find out what you missed and to complete any work assigned.

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.

TENTATIVE TOPIC OUTLINE

	Topic
Week 1	
Day 1, date	**Whitehorse:** **Introduction, logistics, course outline.** **Meet and greet with YG representatives, KDFN and TKC.** **Drive to Haines Junction (HJ); possibly staying at YC trailers for week 1**
Day 2, date	**(HJ) CAFN: Water strategy – Traditional Knowledge – Language (with involvement of YRC NCE)**
Day 3, date	**(HJ) Excursion to Aishahik Lake: past-present-future (with involvement of CAFN, YEC, possibly David Mossop, YRC NCE)**
Day 4, date	**(HJ) Forestry, Spruce beetle (with involvement of YG FMB, CAFN)**
Day 5, date	**(HJ) CAFN: Climate change adaptation plan** **Drive back to Whitehorse**
Week 2	
Day 6, date	**Drive to Haines Junction** **Meet with Parks Canada – Managing Kluane Park expanding over multiple Traditional Territories: dealing with issues such as wildlife management, food security, mining etc. (with involvement of CAFN, KFN)** **Drive to Kluane Lake Research Station (KLRS); possibly staying at KLRS for week 2** **What research is happening at KLRS and overall in territory related to Climate change and feeding into climate change policy (with involvement of KLRS and YRC NCE)**
Day 7, date	**Drive to Burwash Landing (BW)** **(BW) KFN: Food Security – Wildlife – Fish in Kluane Lake (with involvement of AICBR, YG Environment, YRC NCE)** **Drive to KLRS**

	Glacier retreat
Day 8, date	**Trip along Alaska Highway – Permafrost challenges (with involvement of YG HPW, KFN, YRC NCE)**
Day 9, date	**Drive to Burwash Landing (BW)** **(BW) KFN: Alternative Energies, Permafrost, Mining, Traditional Knowledge (with involvement of YRC NCE)** **Drive to KLRS (with involvement of KLRS and YRC NCE)**
Day 10, date	**Review, logistics, next steps** **Drive to Whitehorse** **Ice core lab (YRC)** **Visit Wolf Creek Climate Station (YG Environment, YRC NCE)**

A detailed syllabus is provided in class and is found on the course site.