

DIVISION OF APPLIED SCIENCE AND MANAGEMENT
School of Science
School of Academic & Skill Development
Winter, 2018



COURSE OUTLINE

ENVS 051/ENVS 226

ENVIRONMENTAL CHANGE AND COMMUNITY HEALTH

42 Hours
3 Credits

PREPARED BY: Larry Gray

DATE: November 3, 2017

APPROVED BY: Margaret Dumkee

DATE:

APPROVED BY ACADEMIC COUNCIL:

RENEWED BY ACADMIC COUNCIL:

YUKON COLLEGE

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Course Outline prepared by Larry Gray, JANUARY 6, 2018

Yukon College
P.O. Box 2799
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DIVISION OF APPLIED SCIENCE AND MANAGEMENT
Environmental Change and Community Health
3 Credit Course
Winter Semester, 2018

ENVIRONMENTAL CHANGE AND COMMUNITY HEALTH

INSTRUCTOR:	Larry Gray	OFFICE HOURS:	
OFFICE LOCATION:	A2303	CLASSROOM:	C1511
E-MAIL:	lgray@yukoncollege.yk.ca	TIME:	Tuesday & Thursdays, 1pm - 2:30 pm
TELEPHONE:	456-8607	DATES:	January 4 - April 25, 2018

COURSE DESCRIPTION

This course (developed in collaboration with Canada's Northern Contaminants Program and Trent University) is complementary to ENVS 040z/ENVS 225z Environmental Change and Fish & Wildlife Health. It covers some of the same material in less depth but focuses more on the impacts of environmental changes such as environmental contaminants and climate change on human health. The course is relevant for all northerners, but particularly those interested in working in the health field. The importance of traditional food to the health of northerners, alternative models of health and wellness, and traditional versus modern diets are all discussed in light of the latest research results on contaminants and other environmental issues in the north. The new field of functional medicine is explored and interwoven with congruent ideas drawn from indigenous wisdom.

PREREQUISITES

None

EQUIVALENCY/TRANSFERABILITY

Under negotiation.

LEARNING OUTCOMES

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

- a. Recognize and appreciate the geographic and global scope of environmental changes, particularly, long-range contaminants, climate change and loss of

- biodiversity.
- b. Understand the holistic connections (spiritual, mental, physical and emotional) between the land and human health.
- c. Identify the traditional foods and fish and wildlife species that are consumed in the north and in the Yukon.
- d. Define what it means to be a healthy person and a healthy community.
- e. Identify community health issues in the student's home community.
- f. Understand functional medicine.

COURSE FORMAT

This course is designed for distance delivery. There will be two 1 ½ hour videoconferences each week and a course website, including a discussion forum and links to other information sources.

COURSE REQUIREMENTS

Attendance and Participation

Attendance at all videoconference sessions is mandatory. Unexcused absences in excess of 10% of scheduled activities may result in withdrawal at the instructor's discretion.

Assignments

Bi-weekly assignments are given.

EVALUATION

<u>ENVS 051</u>		<u>ENVS 226</u>	
Participation/Assignments	40%	Participation/Assignments	25%
Mid-term Exam	25%	Mid-term Exam	15%
Final Exam	35%	Research Paper	35%
		Final Exam	25%

REQUIRED TEXTBOOKS/MATERIALS:

Dr. Jeffrey Bland, *The Disease Delusion: Conquering the Causes of Chronic Illness for a Healthier, Longer, and Happier Life*, 2nd Edition, Harper Wave, New York, 2015.

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 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.

THE LORENE ROBERTSON WRITING CENTRE

All students are encouraged to make the Writing Centre a regular part of the writing process for coursework. The Lorene Robertson Writing Centre is staffed by helpful writing coaches from across the College and offers one-on-one appointments to students in need of writing support.

The Lorene Robertson Writing Centre can help you:

- Get started on an assignment and focus your ideas

- Outline and plan your assignment
- Write clearly, logically and effectively
- Address specific needs and writing problems
- Revise the first and final drafts of your project
- Gain confidence in your writing

For in-person appointments, the Centre coaching office is located in the Academic Support Centre in room A2302. You can also participate in coaching appointments over the phone or online. See the Academic Support Centre schedule for English and writing support times.

**ENVS 051/ENVS 226
ENVIRONMENTAL CHANGE AND COMMUNITY HEALTH
COURSE SYLLABUS**

Date	Topic	READINGS FROM "THE DISEASE DELUSION"
January 4	Course Introduction	
January 9, 11	Models of Health/Health Issues	Introduction & Chapter 1
January 16, 18	Traditional foods and their importance to northern cultures	Chapter 2
January 23, 25	Indigenous Food Systems and Modern Food Systems	Chapter 3
January 30, Feb 1	Contaminants & Human Health	Chapter 4
February 6, 8	Core Concepts and Principles of Community Health	Chapter 5
February 13, 15	Core Concepts and Principles of Community Health	Chapter 6
February 20, 22	READING WEEK NO CLASS ☹	Chapter 7
February 27, March 1	Core Concepts and Principles of Community Health	Chapter 8
March 6, 8	Core Concepts and Principles of Community Health	Chapter 9
March 13, 15	Core Concepts and Principles of Community Health	Chapter 10
March 20, 22	Climate Change and Health Food Security	Chapter 11
March 27, 29	Climate Change and Health Food Security (cont'd)	Chapter 12
April 3, 5	Developing a Community Health Education Plan	Chapter 13 & 14