



DEPARTMENT OF GEOGRAPHY

GEOGENST 1190 Indigenous Knowledge Science and the Environment

WINTER 2023

Under University copyright regulations audio and video recordings of class material should be deleted or destroyed after the final exam has been written.

CONTACT INFORMATION

Instructor: W. R. Horne, PhD.

Email rhorne@lakeheadu.ca

Office Hours 10:00:-11:15 before classes or by appointment

Supplementary Course Website <https://www.lakeheadu.ca/users/H/rhorne/teaching>

DELIVERY MODE IN-PERSON

Times: T/Th 110:30 – 1:00 OA2018

COURSE DESCRIPTION

Current environment and sustainability issues will be examined using a geographical approach that incorporates Indigenous knowledge, worldviews and practices. By comparing traditional ecological knowledge with western scientific approaches, students will gain an enhanced understanding of ecosystems and society's place within it. The course engages students in case studies that exemplify the role of Indigenous Peoples in ecosystem management, in Canada in particular. The role of treaties and aboriginal rights in federal and provincial environment and resource management, the impact of environmental law decisions on Indigenous Peoples, and the adversarial and collaborative roles that Indigenous Peoples play to respond to current environmental changes and challenges will be the focus of key topics.

REQUIRED MATERIALS

Required text. Berkes, Fikret (2018) Sacred Ecology (4th ed) Routledge: New York
Draper, Dianne & Reed, Maureen (2009) Our Environment A Canadian Perspective 4th ed.
Toronto: Nelson. READ Worldviews and Values pp45-49 On D2L
Other readings will be available on D2Las required

EVALUATION

Component	Value	Due Date	Individual/Group
Assignment 1	20	Feb 2nd	Individual
Midterm	20	Feb 16th	Individual
Assignment 2	25	March 16th	individual
Final	35	Set by registrar	individual

ASSIGNMENTS

Assignments: are Posted on D2L Due in class on date specified or if you cannot attend via email to rhorne@lakeheadu.ca via university email not D2L mail

Double spaced, Times New Roman 12 pt Word Document No PDF Files File Name: [your name] GEOG1190 Assignment #

Penalty for late papers is 10% of mark. Unless prior approval. APA style required.

Midterm and Final A multiple choice test covering all of the lectures presented, (equally weighted). The use of any electronic device to obtain information during the writing of a test or exam is prohibited.

MISSED EXAMS

Make-up examinations will only be given with written documentation from a healthcare practitioner using the official Student Health Certificate, available at <http://registrar.lakeheadu.ca/uploads/docs/F.HealthCertificate.pdf> (see next page).

Final examinations run until April 25th. Do not make plans until exam date has been posted.

There will be no rescheduling of examinations to accommodate holiday travel or extracurricular activities. No one will be allowed to write examinations prior to the scheduled date.

GRADING SCHEME

A+	90 to 100%	Outstanding understanding of the course concepts including integration of materials and ideas, ability to apply knowledge to situations
A	80 to 89%	
B	70 to 79%	Above average to excellent knowledge, ability to apply knowledge to situations
C	60 to 69%	Satisfactory knowledge including ability to recognise and apply major course concepts, and to progress to next level of course
D	50 to 59%	Some grasp of course concepts; will likely encounter difficulty with higher levels
E	40 to 49%	Failed to meet minimum requirements of the course
F	1 to 39%	Failure
F	0	Failure resulting from academic dishonesty

Students are advised to refer to the University Calendar to ensure that they have adequate grades and/or average to proceed in their program.

COURSE SCHEDULE

Class	Date	Topic	Text Chapter
1 2	Jan 10/12	Terminology Ecology	1
3 4	17/19/	Worldviews Emergence of Traditional Knowledge	3, 5, Draper 2
5 6	24/26	Ethnoecology Environmental Ethics	3
7 8	31/ Feb 2	Tropical environments Island Environments	4 4 Assignment 1 due Feb 2
9 10	7/9	The James Bay Cree Hunting	5
11 12	14 16	Hollywood's Canada MIDTERM TEST	
	20/24	READING WEEK	
13 14	28/Mar 2	Caribou and Reindeer Fishing	6 7
15 16	7/9	Fishing II Climate Change and local observations	8
17 18	14/16	Subsistence Farming Uncertainty and complex systems	9 Assignment 2 due Mar 16
19 20	21/23	How Local and Traditional Knowledge Develop (4 Case Studies)	10
21 22	28/30	Indigenous Knowledge in Context	11
23 24	Apr 4/6	Towards a new ecological knowledge system	12

IMPORTANT DATES:

NOTE: Any important announcements, including changes in due dates will be announced in-class and sent by email to Lakehead account.

COURSE POLICIES

- behavioral standards: See the [Student Code of Conduct - Academic Integrity](#))
- attendance: Exam is based on lecture content attendance is expected,

Copyright

Students should be aware that all instructional, reference, and administrative materials prepared for this course are protected in their entirety by copyright. Students are expected to comply with this copyright by only accessing and using the course materials for personal educational use related to the course, and that the materials cannot be shared in any way, without the written authorization of the course instructor. If this copyright is infringed in anyway, students may be prosecuted under the Lakehead University Student Code of Conduct – Academic Integrity, which requires students to act ethically and with integrity in academic matters and to demonstrate behaviours that support the University's academic values.

Copyright Compliance:

I understand and agree that all instructional, reference, and administrative materials to which I am given access in this course (the "course materials"), whether they consist of text, still or kinetic images, or sound, whether they are in digital or hard copy formats, and in whatever media they are offered, are protected in their entirety by copyright, and that to comply with this copyright and the law

(1) I may access and download the course materials only for my own personal and non-commercial use for this course; and

(2) I am not permitted to download, copy, or store (in any medium) any text, image, or sound component of the course materials for any other purpose whatsoever, or to forward or share, transmit, broadcast, show, post or play in public, adapt, or change in any way any text, image, or sound component of the course materials, except as expressly authorized, and only to the extent authorized, in writing, by the course instructor."

I further understand and agree that, if I infringe the copyright of the course materials in any way, I may be prosecuted under the Lakehead University Student Code of Conduct – Academic Integrity, which requires students to act ethically and with integrity in academic matters and to demonstrate behaviours that support the University's academic values.

Regulations

It is the responsibility of each student registered at Lakehead University to be familiar with, and comply with all the terms, requirements, regulations, policies and conditions in the Lakehead University [Academic Calendar](#). This includes, but is not limited to, Academic Program Requirements, Academic Schedule of Dates, University and Faculty/School Policies and Regulations and the Fees and Refund Policies and Schedules (Lakehead University Regulations webpage, 2020-21).

Academic Integrity

A breach of Academic Integrity is a serious offence. The principle of Academic Integrity, particularly of doing one's own work, documenting properly (including use of quotation marks, appropriate paraphrasing and referencing/citation), collaborating appropriately, and avoiding misrepresentation, is a core principle in university study. Students should view the [Student Code](#)

[of Conduct - Academic Integrity](#) for a full description of academic offences, procedures when Academic Integrity breaches are suspected and sanctions for breaches of Academic Integrity.

Supports for Students – there are many resources available to support students. These include but are not limited to:

- [Health and Wellness](#)
- [Student Success Centre](#)
- [Student Accessibility Centre](#)
- [Library](#)
- [Lakehead International](#)
- [Indigenous Initiatives](#)

Lakehead University is committed to achieving full accessibility for persons with disabilities. Part of this commitment includes arranging academic accommodations for students with disabilities and/or medical conditions to ensure they have an equitable opportunity to participate in all of their academic activities. If you are a student with a disability and think you may need accommodations, you are strongly encouraged to contact Student Accessibility Services (SAS) and register as early as possible. For more information, please contact [Student Accessibility Services](#) (SC0003, 343-8047 or sas@lakeheadu.ca)

ACADEMIC DISHONESTY

The University takes a most serious view of offences against academic honesty such as plagiarism, cheating and impersonation. Penalties for dealing with such offences will be strictly enforced.

A copy of the "Code of Student Behaviour and Disciplinary Procedures" including sections on plagiarism and other forms of misconduct may be obtained from the Office of the Registrar.

The following rules shall govern the treatment of candidates who have been found guilty of attempting to obtain academic credit dishonestly.

- (a) The minimum penalty for a candidate found guilty of plagiarism, or of cheating on any part of a course will be a zero for the work concerned.
- (b) A candidate found guilty of cheating on a formal examination or a test, or of serious or repeated plagiarism, or of unofficially obtaining a copy of an examination paper before the examination is scheduled to be written, will receive zero for the course and may be expelled from the University.

Students disciplined under the Code of Student Behaviour and Disciplinary Procedures may appeal their case through the Judicial Panel.

Note: "Plagiarism" shall be deemed to include:

1. Plagiarism of ideas as where an idea of an author or speaker is incorporated into the body of an assignment as though it were the writer's idea, i.e. no credit is given the person through referencing or footnoting or endnoting.

2. Plagiarism of words occurs when phrases, sentences, tables or illustrations of an author or speaker are incorporated into the body of a writer's own, i.e. no quotations or indentations (depending on the format followed) are present but referencing or footnoting or endnoting is given.

3. Plagiarism of ideas and words as where words and an idea(s) of an author or speaker are incorporated into the body of a written assignment as though they were the writer's own words and ideas, i.e. no quotations or indentations (depending on format followed) are present and no referencing or footnoting or endnoting is given.

Note: Any work submitted for one course cannot be submitted for another unless approval is given by both instructors involved.

THE SUBMISSION OF ANY WORK COMPLETED BY ANOTHER PERSON AS YOUR OWN WILL BE TEATED AS ACADEMIC DISHONESTY.