



COURSE OUTLINE: NET152 - ECOLOGICAL KNOWLEDGE

Prepared: Social Sciences Department

Approved: Karen Hudson - Dean

Course Code: Title	NET152: TRADITIONAL ECOLOGICAL KNOWLEDGE
Program Number: Name	5220: NAT ENVIRONMENT TN
Department:	SOCIAL SCIENCES
Academic Year:	2025-2026
Course Description:	Indigenous peoples of Canada have various dynamic and diverse cultures that reflect a tightly-woven connection between the environment and identity, and, lifestyles and values. Traditional Ecological Knowledge(TEK), results from thousands of years of intimate knowledge of the environment shared by generations of Indigenous peoples around the world. Students will explore TEK through traditional stories from regions across the country, recognizing that TEK is specific to local ecosystems, and be exposed to a holistic framework to respectfully understand Indigenous knowledge systems. Various Canadian Indigenous cultures and pre and post contact histories will create an understanding of connections between the environment, human values and relationships to better understand historical and current issues. This course meets the General Education Theme #3, Social and Cultural Understanding.
Total Credits:	3
Hours/Week:	3
Total Hours:	42
Prerequisites:	There are no pre-requisites for this course.
Corequisites:	There are no co-requisites for this course.
Substitutes:	NET151
Vocational Learning Outcomes (VLO's) addressed in this course:	5220 - NAT ENVIRONMENT TN
Please refer to program web page for a complete listing of program outcomes where applicable.	VLO 3 Apply the basic concepts of science to natural resource conservation and management.
	VLO 6 Practice principles and ethics associated with natural resource conservation and management issues.
	VLO 13 Apply awareness of global environmental issues to conservation and management of natural resources.
Essential Employability Skills (EES) addressed in this course:	EES 1 Communicate clearly, concisely and correctly in the written, spoken, and visual form that fulfills the purpose and meets the needs of the audience.
	EES 2 Respond to written, spoken, or visual messages in a manner that ensures effective communication.
	EES 6 Locate, select, organize, and document information using appropriate technology and information systems.
	EES 7 Analyze, evaluate, and apply relevant information from a variety of sources.
	EES 8 Show respect for the diverse opinions, values, belief systems, and contributions of



others.

EES 9 Interact with others in groups or teams that contribute to effective working relationships and the achievement of goals.

EES 10 Manage the use of time and other resources to complete projects.

Course Evaluation:

Passing Grade: 50%, D

A minimum program GPA of 2.0 or higher where program specific standards exist is required for graduation.

Other Course Evaluation & Assessment Requirements:

Academic success is directly linked to attendance. Missing more than 1/3 of the course hours in a semester shall result in an `F` grade for the course.

Course Outcomes and Learning Objectives:

Course Outcome 1	Learning Objectives for Course Outcome 1
1. Identify core concepts in North American Indigenous worldviews and ways of knowing.	1.1 Distinguish between culture and worldview. 1.2 Define universals in North American Indigenous worldview/ways of knowing. 1.3 Utilize a working terminology.
Course Outcome 2	Learning Objectives for Course Outcome 2
2. Incorporate respect for knowledge keepers and Indigenous ways of knowing that pass down from local culture, wisdom and ethics from generation to generation into environmental practice.	2.1 Relate an understanding of how oral traditions in a variety of Indigenous cultures communicate origins, values, politics and social structure and become a basis for modern life. 2.2 Identify the relationship between culture, identity, language and how this relationship remains dynamic in today's society. 2.3 Communicate an awareness that traditional teachings are embedded with core values, spirituality and connection to the land for Canada's Indigenous people. 2.4 Communicate the dynamic nature of the core values of Indigenous people as reflected in traditional teachings, importance of original languages and oral traditions.
Course Outcome 3	Learning Objectives for Course Outcome 3
3. Understand the integral, tightly-woven relationship between the environment and the identity, lifestyle and values of various First Nation people across Canada.	3.1 Differentiate between the First Nation, Inuit and Metis cultures Indigenous to the Arctic, the Eastern Woodlands, the Eastern Subarctic, the Plains, the Plateau and the Northwest Coast of Canada. 3.2 Identify key natural resources for each area and their interconnectedness with lifestyle, values and culture of the people indigenous to each area. 3.3 Recognize that a variety of ways are needed to connect to local knowledge systems, knowledge keepers and build cross cultural values and practices.
Course Outcome 4	Learning Objectives for Course Outcome 4
4. Adopt a beginning understanding of the significance of the decolonization movement of Canadian Indigenous people.	4.1 Link pre and post contact evolution of Canadian Indigenous people to historical catalysts and current events. 4.2 Demonstrate an understanding of the effects of colonization on Indigenous Canadians through the use of core pieces of the colonization process in the Indigenous experience in Canada. 4.3 Recognize the significance of the Canadian Residential



	<p>School experience in the history of Indigenous and non-Indigenous Canadians.</p> <p>4.4 Trace the historical roots of the Treaties in First Nation/Federal government relationships and the concept of Honour of the Crown to current environmental policy, practice and issues.</p> <p>4.5 Connect the circumstances relating to Metis Scrip to their legal status as an Indigenous group in Canada.</p> <p>4.6 Begin to explore the impact of altering the ability of Indigenous Canadians to fulfill their role in land stewardship.</p>				
	<table border="1"> <tr> <td>Course Outcome 5</td> <td>Learning Objectives for Course Outcome 5</td> </tr> <tr> <td>5. Become better prepared to engage in environmental practice and planning requiring Indigenous consultation</td> <td> 5.1 Communicate the value in local ecosystem knowledge, practice and beliefs to the goals of environmental sustainability. 5.2 Educate on the interconnectedness of First Nations communities and environmental wellness. 5.3 Define the concepts and cultural frameworks of local knowledge systems. 5.4 Understand the benefits of integrating the concepts of Traditional Ecological Knowledge (TEK) as an alternative paradigm vital to partnerships for stewardship of the land. </td> </tr> </table>	Course Outcome 5	Learning Objectives for Course Outcome 5	5. Become better prepared to engage in environmental practice and planning requiring Indigenous consultation	5.1 Communicate the value in local ecosystem knowledge, practice and beliefs to the goals of environmental sustainability. 5.2 Educate on the interconnectedness of First Nations communities and environmental wellness. 5.3 Define the concepts and cultural frameworks of local knowledge systems. 5.4 Understand the benefits of integrating the concepts of Traditional Ecological Knowledge (TEK) as an alternative paradigm vital to partnerships for stewardship of the land.
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Evaluation Process and Grading System:

Evaluation Type	Evaluation Weight
Assignments	40%
Presentations	40%
Video Report	20%

Date: June 20, 2025

Addendum: Please refer to the course outline addendum on the Learning Management System for further information.