



Locally Developed Courses

Traditional Land Based Learning

For the 2024-2025 School Year

Introduction to the Traditional Land Based Learning Course Sequence

Subject: Social Sciences - Discipline: Aboriginal Studies

This sequence will provide opportunities for students to acquire, demonstrate, and reflect on their knowledge of traditional land use. The primary goal is to allow students to participate in experiential land use activities that are culturally relevant. The activities will provide students with an opportunity to articulate and expand their knowledge and skills. The intent is to complete the course in an outdoor camp setting with Elders/Knowledge Holders present and participating.

Opportunities to demonstrate and reflect on culturally significant protocols and use of the Indigenous language (e.g., Cree) will be infused throughout this course. Students will interact with local Elders and Knowledge Keepers during this course.

A goal for students is to be strong in identity, healthy and successful. Providing a locally developed course in Land based learning from a traditional perspective will support students in attaining this goal. Land based learning is a way for Elders and Knowledge Holders to share their traditions and cultural values with students through shared experiences. Land based learning will assist students in acquiring knowledge and skills that can be utilized in their daily lives and beyond. The purpose is to present learning that will not only enhance cultural identity and traditions, but also embrace technology while providing sustainable ways of living in the community.

This sequence will provide a foundation for Indigenous students to embrace their cultural heritage while at the same time provide opportunities for them to extend their knowledge and attain high school credits. It may open gateways for careers in forestry, environmental studies, and science-based careers.

Student Need

There is a need to provide promising practices that effectively support the well-being, participation, engagement, and achievement in education for Indigenous students and non-Indigenous students. Providing Land Based learning opportunities for students, from a traditional perspective, will help responsive educators to achieve this goal. The Truth and Reconciliation commission has called for action, so offering a course in Land based Learning is a way forward.

This course will:

- Advance the bridging of Indigenous and Western knowledge.
- Promote the modelling of land and place-based teaching pedagogy and practices.
- Increase high school credit attainment rates for Indigenous students.
- Include students and community in wetlands and fire management research.
- Encourage Indigenous students to enroll and participate in science related careers and occupations.
- Develop pride in culture, tradition, language, and livelihoods.

Courses in the Traditional Land Based Learning Course Sequence

Traditional Land Based Learning 25 (LDC2248)

The outcomes of this course will address:

- traditional food gathering and preparation in an outdoor environment,
- development of environmental stewardship through an Indigenous lens, and
- knowledge and skill acquisition of wildlife, forestry, and construction.

Prerequisites (due to safety, prerequisites can not be waived)

1 of Group

- First Aid / CPR with AED (HCS2020)

AND

2 of Group

- Food Basics (FOD1010)
- Construction Tools & Materials (CON1010)
- Introduction to Stewardship (ENS1010)
- Workplace Safety Systems (HCS3000)

This sequence requires a permanent outdoor recreation area on traditional lands and equipment to support the learning.

- Class set (12) GPS units
- Class set: (12) Tablets/iPads
- Subscription to ArcGIS (or similar)
- Access to log building tools
- Outdoor cooking equipment for large groups
- Personal Protection Equipment (PPE) may be required for some activities

Health and Safety

- All students will have a first aid training (prerequisite).
- Appropriate precautions will be taken when students are in a wilderness setting (e.g., site inspection prior to students working in the area) .
- School division policies regarding field trips will be followed.
- Elders/Knowledge Keepers will be on site to assist.
- Firearms will not be handled by students.
- Log building aspect of the course will be delivered by a local log building company under the direct supervision of a certified teacher.

Prerequisites:

- All of the following:
 - First Aid /CPR with AED (HCS2020)
- 2 of the following:
 - Construction Tools & Materials (CON1010)
 - Food Basics (FOD1010)
 - Introduction to Stewardship (ENS1010)
 - Workplace Safety Systems (HCS3000)

Versions Available: (Each version must be locally approved by Board Motion prior to offering to students.)

Credit Level	First School Year	Last School Year
5	2024-2025	2027-2028

Traditional Land Based Learning 35 (LDC3248)

The outcomes of this course will address:

- traditional food gathering and preparation in an outdoor environment,
- development of environmental stewardship through an Indigenous lens, and
- knowledge and skill acquisition of wildlife, forestry, and construction.

Prerequisites (due to safety, prerequisites can not be waived)

This sequence requires a permanent outdoor recreation area on traditional lands and equipment to support the learning.

- Class set (12) GPS units
- Class set: (12) Tablets/iPads
- Subscription to ArcGIS (or similar)
- Access to log building tools
- Outdoor cooking equipment for large groups
- Personal Protection Equipment (PPE) may be required for some activities

Health and Safety

- All students will have a first aid training (prerequisite).
- Appropriate precautions will be taken when students are in a wilderness setting (e.g., site inspection prior to students working in the area) .
- School division policies regarding field trips will be followed.
- Elders/Knowledge Keepers will be on site to assist.
- Firearms will not be handled by students.
- Log building aspect of the course will be delivered by a local log building company under the direct supervision of a certified teacher.

Prerequisites:

- All of the following:
 - Traditional Land Based Learning 25 (LDC2248)

Versions Available: (Each version must be locally approved by Board Motion prior to offering to students.)

Credit Level	First School Year	Last School Year
5	2024-2025	2027-2028

Curriculum

Curriculum Elements		Trad Land Based Learn 25-5	Trad Land Based Learn 35-5
1	<p>Topic</p> <p>Students will illustrate their ability to become engaged, ethical and entrepreneurial citizens by utilizing a variety of knowledge and skills such as: critical thinking, problem solving, communicating, incorporating technology and adapting to change.</p>	✓	✓
1.1	<p>General Outcome</p> <p>Identify traditional foods and plan, prepare and evaluate preparation methods.</p>	✓	✓
1.1.1	<p>Specific Outcome</p> <p>Demonstrate safe and sanitary practices of food handling in an outdoor setting</p>	✓	
1.1.2	<p>Specific Outcome</p> <p>Utilize a variety of outdoor cooking methods: open fire, coals, propane & smoking.</p>	✓	
1.1.3	<p>Specific Outcome</p> <p>Employ methods of safe handling of tools, equipment & supplies</p>	✓	
1.1.4	<p>Specific Outcome</p> <p>Employ methods to properly store food outdoors</p>	✓	
1.1.5	<p>Specific Outcome</p> <p>Competently execute meal planning & purchasing supplemental food supplies for an extended outdoor camp</p>	✓	
1.1.6	<p>Specific Outcome</p> <p>Describe factors that determine availability of food.</p>	✓	
1.1.7	<p>Specific Outcome</p> <p>Plan, prepare and serve at least one traditional food considering traditional cooking methods and serving protocols.</p>	✓	
1.1.8	<p>Specific Outcome</p> <p>Describe traditional food patterns and customs and when and how they are used.</p>		✓

Curriculum Elements		Trad Land Based Learn 25-5	Trad Land Based Learn 35-5
1.1.9	Specific Outcome Employ methods to prepare and preserve traditional food from bush to table.		✓
1.1.10	Specific Outcome Employ methods of safe handling of tools, equipment & supplies.		✓
1.1.11	Specific Outcome Demonstrate safe and sanitary practices of food handling in an outdoor setting.		✓
1.1.12	Specific Outcome Employ methods to properly store foods outdoors.		✓
1.1.13	Specific Outcome Explore traditional food preservation method.		✓
1.1.14	Specific Outcome Plan, prepare and serve at least three traditional foods (depending on availability) considering traditional cooking methods and serving protocols		✓
1.2	General Outcome Demonstrate and foster environmental stewardship and study the interrelationships between plants, animals and humans from a holistic perspective.	✓	✓
1.2.1	Specific Outcome Interact with Elders and Knowledge Keepers to share what they know about living on the land through their experiences and knowledge and be prepared to extend their learning from this knowledge sharing their experiences.	✓	
1.2.2	Specific Outcome Identify and describe the cultural significance of local species and traditional land areas.	✓	
1.2.3	Specific Outcome Interact and listen to Elders/ Knowledge Keepers about the Spiritual connections with the land and begin to form opinions regarding their significance.	✓	

Curriculum Elements		Trad Land Based Learn 25-5	Trad Land Based Learn 35-5
1.2.4	Specific Outcome Find and describe two local medicinal plants and their use.	✓	
1.2.5	Specific Outcome Identify solutions that promote sustainability of wildlife and their habitat on traditional lands.	✓	
1.2.6	Specific Outcome Identify and describe how Indigenous culture is reflected/connected with the land and environmental stewardship.		✓
1.2.7	Specific Outcome Investigate best practices that could be implemented on traditional lands to promote forest health, ecosystems.		✓
1.2.8	Specific Outcome Investigate and describe how interacting with the land promotes health and wellness.		✓
1.2.9	Specific Outcome Select and analyze the benefits of three local medicinal plants.		✓
1.2.10	Specific Outcome Investigate and analyze the impact that Indigenous people have on promoting the management of wildlife on their traditional lands.		✓
1.3	General Outcome Develop spatial awareness, mapping skills, and survival skills in a traditional wilderness setting.	✓	✓
1.3.1	Specific Outcome Learn and use traditional methods of navigation by following the teachings of an Elder/ Knowledge Keeper.	✓	
1.3.2	Specific Outcome Use map/compass and GPS to navigate in a traditional wilderness setting.	✓	

Curriculum Elements		Trad Land Based Learn 25-5	Trad Land Based Learn 35-5
1.3.3	Specific Outcome Use gathered GPS data and ArcGIS to produce story maps of their traditional lands.	✓	
1.3.4	Specific Outcome Demonstrate use of one traditional navigational technique and one technological navigational technique in a wilderness area.	✓	
1.3.5	Specific Outcome Demonstrate safety in navigating a traditional wilderness area.	✓	
1.3.6	Specific Outcome Use GPS to collect data points, and ArcGIS to produce maps of: spiritually significant areas, location of medicinal plants and berry picking areas and detail of wilderness recreation area.		✓
1.3.7	Specific Outcome Investigate and discuss information from maps and digital imaging and how they compare.		✓
1.3.8	Specific Outcome Observe and practice safety and survival skills while conducting a “day” excursion on traditional lands.		✓
1.3.9	Specific Outcome Plan and conduct a “day” excursion on traditional lands.		✓
1.3.10	Specific Outcome Construct a weather-proof shelter using materials available on traditional lands.		✓
1.4	General Outcome Assist in the construction of various structures to help in the development of an outdoor recreation area.	✓	✓
1.4.1	Specific Outcome Students will follow all safety guidelines as specified by qualified log builder.	✓	

Curriculum Elements		Trad Land Based Learn 25-5	Trad Land Based Learn 35-5
1.4.2	Specific Outcome Identify and describe requirements and characteristics of building logs.	✓	
1.4.3	Specific Outcome Describe and practice making basic log joints used in log construction.	✓	
1.4.4	Specific Outcome Identify and select the required tools and materials to complete the following project.	✓	
1.4.5	Specific Outcome Develop basic log construction skills by building and finishing a log structure.	✓	
1.4.6	Specific Outcome Students will follow all safety guidelines as specified by qualified log builder.		✓
1.4.7	Specific Outcome Apply basic log construction techniques to assist in the building of a log structure on traditional lands.		✓
1.4.8	Specific Outcome Identify and describe foundation options for a small log structure.		✓
1.4.9	Specific Outcome Identify and select required tools and materials to complete log structure.		✓
1.4.10	Specific Outcome Apply knowledge of log materials, planning and construction techniques to assist in the production of a log structure that can be utilized for traditional activities.		✓
1.5	General Outcome Interact with local Elders and Knowledge Keepers to further student understanding and appreciation of traditional perspectives.	✓	✓
1.5.1	Specific Outcome Demonstrate knowledge of procedure for drying meat following instruction from Elder/Knowledge Keeper.	✓	

Curriculum Elements		Trad Land Based Learn 25-5	Trad Land Based Learn 35-5
1.5.2	Specific Outcome Assist in the construction of a dry meat rack.	✓	
1.5.3	Specific Outcome Demonstrate ability to prepare meat for drying.	✓	
1.5.4	Specific Outcome Assist in the preparation of the smoking process.	✓	
1.5.5	Specific Outcome Illustrate safety and appropriate work behaviours through clean-up of site and restoration.	✓	
1.5.6	Specific Outcome Observe and learn how to hunt and track game through interaction with Elders/Knowledge Keepers.		✓
1.5.7	Specific Outcome Review procedure for tanning and hide making with Elder/Knowledge Keeper.		✓
1.5.8	Specific Outcome Assist in constructing a rack for tanning hide following direction of an Elder/Knowledge Keeper.		✓
1.5.9	Specific Outcome Demonstrate use of tools required for tanning and hide making.		✓
1.5.10	Specific Outcome Illustrate safety and appropriate work behaviours through clean-up of site and restoration.		✓

Statement of Overlap with Existing Programs

Similar / Overlapping Courses	Description of Similarity / Overlap - Rationale
Aboriginal Studies 10	Similar topics exist in the locally developed course and the provincial course sequence.
	Traditional Land Based Learning extends and complements the provincial courses with a unique perspective for the student.
Aboriginal Studies 20	Similar topics exist in the locally developed course and the provincial course sequence.
	Traditional Land Based Learning extends and complements the provincial courses with a unique perspective for the student.
Aboriginal Studies 30	Similar topics exist in the locally developed course and the provincial course sequence.
	Traditional Land Based Learning extends and complements the provincial courses with a unique perspective for the student.