



Winter CTS Course Bundle

School Name		Teacher(s)	
# of Students		# of Adults	
Grade(s)	Grade 10	Program Focus	Wildlife & Navigation
Meeting Room		Accommodations	Den
Dates		Language	English

CTS Course	Title	1	2	3	4	5
WLD 1010	Intro to Wildlife	Define Wildlife	Interrelationships in ecosystems	wildlife management	Cluster content	careers
WLD 1060	Wilderness Navigation	Different types of navigation	Different types of maps	Interpret a variety of maps	Use of various navigational devices	Basic wilderness navigation
WLD 1910	Project A	Identify connections	Propose project	Meet and evaluate	Basic competencies	Career cluster content

***Basic Competencies** are assessed throughout the course. Students are living in a residential setting and core competencies are developed inherently as students navigate the social dynamics of travelling, learning, working and living with classmates over the four intensive days.

Pre-Immersion

WLD 1010	<ul style="list-style-type: none"> Define Wildlife Investigate and describe different attitudes and opinions regarding wildlife management
WLD 1060	<ul style="list-style-type: none"> Investigate navigation technics
WLD 1910	<ul style="list-style-type: none">

WLD 1010 Immersion Work

2. Describe interrelationships among ecosystem components and their effects on wildlife populations

- 2.1 identify biotic and abiotic components of a local ecosystem
- 2.2 analyze and explain the interrelatedness of factors within a habitat and how they affect wildlife populations; e.g., interrelationships among food, water, shelter and space; relationship of soil, water and air variables to plant and animal health; roles of producers, consumers and decomposers; food webs and energy chains; social organizations and species competition
- 2.3 relate the concepts of "limiting factors" and "carrying capacity" to wildlife populations
- 2.4 identify factors associated with adaptation and change in species
- 2.5 analyze and compare a local ecosystem to another Alberta ecosystem (MOUNTAIN)

WLD 1060 immersion Work

2. Identify and describe different types of maps

- Topographical
- Hydrographical
- Satellite imagery
- Others

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3. Demonstrate methods used to read and interpret a variety of maps

- Topographical
- Hydrographical
- Satellite imagery
- Others

4. Demonstrate use of a variety of navigational devices

- Maps (paper and digital)
- Compasses
- Romer scale
- GPS
- Other devices

5. Demonstrate basic wilderness navigation

- Illustrate route planning
- Determine waypoints
- Navigate in inclement weather

Day 1

Time	Activity	Course and S.L.O.	Location	Personnel
9:15	Arrival, gear to rooms			PSEC (Palisades staff)
9:45 am	Welcome, start- up briefing, Rationale	1010 1.1, 1.2	Tipi/ grounds	PSEC
10:15 am	Wildlife signs and tracking Wildlife focus: Wildlife definitions based on personal experience and understanding of legislation	1010 2.2,	Palisades Grounds	Students
12:00 pm	Lunch		Bunkhouse	
1:00 pm	Medicine Lake – Fire ecology (abiotic factor) caribou Biotic and abiotic review. Interrelatedness of factors within a habitat and how they affect wildlife populations Caribou management: caribou threats game, manipulative and custodial management	1010 2.1, 2.2, 2.3, 2.4, 2.5 3.1, 3.2	Maligne Valley	PSEC/ students
6:00 pm	Dinner		Bunkhouse	
6:45 pm	Wildlife inquiry			PSEC
	Reflection on skills/experiences from day Journaling Introduction and exemplar			PSEC
8:00 pm	Opening campfire	SLO 5	Fire pit	Teachers

Day 2

Time	Activity	Course and S.L.O.	Location	Personnel
8:00 am	Breakfast		Bunkhouse	
9:00 am	Basic Wilderness Navigation Intro to maps, classroom session, Orienteering (route planning, waypoints and navigating in inclement weather)	1060 5.1, 5.2, 5.3		PSEC

11: 30 am	Trip planning for the afternoon at Pyramid bench with AdventureSmart online trip plan	1060 SLO 4	Barn	PSEC/ student
12:00 pm	Lunch		Bunkhouse	
1:00 pm	Trip to Pyramid Bench Wildlife related jobs	1010 2.1, 2.2 1010 2.1, 2.2. 2.3		PSEC/ student
4:00 pm	Depart for PSEC		PSEC	
5:00 pm	Journal	1010 SLO5	Barn	PSEC
6:00 pm	Dinner		Bunkhouse	
6:45 pm	Wildlife camera			PSEC
8:00 pm	End of classes			Teachers

Day 3

Time	Activity	Course and S.L.O.	Location	Personnel
8:00 am	Breakfast		Bunkhouse	
9.00am	Activity with map identification (topographical, hydrographic, satellite, other Intro to navigational devices Gps activity then find the other navigational device in the birdhouse (gps, maps, compasses, Romer scale)	1910 SLO 1 and 2	Barn	PSEC
10:15	Break			
	Basic Wilderness Navigation (route planning, waypoints and navigating in inclement weather) ???			PSEC
12:00 pm	Lunch		Bunkhouse	
1:00	Off site hike : Wildlife interactions, predator prey living with wildlife walk Solo and Sit Spot	1060 5.1, 5.2, 5.3 1130(1.1,1. 7, 1010 3.1, 3.2	Old Fort Point	PSEC

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		Cluster 4		
4:45 pm	Games	Cluster 4 content		PSEC
6:00 pm	Dinner		Bunkhouse	
6:45 pm	Celestial navigation (outdoor if poss. But ppt if needed)	1010 (SLO 3) Cluster Content	Grounds	PSEC
8:00 pm	Campfire/ Handover to teachers		Fire pit	Teachers

Day 4

Time	Activity	S.L.O.	Location	Personnel
8:00 am	Breakfast/ / gear from rooms (Clean rooms, pack luggage in front area)		Bunkhouse	
9:00	Service Learning	1910 SLO 3	Grounds	PSEC
10:00 am	Service Learning debrief	1910 (3.3,3.4)	Grounds	PSEC
11:30 am	Post Immersion Initial Planning Session	1910 SLO 1 and 2	Grounds	Teachers
12:00 pm	Hot Lunch		Bunkhouse	
	Overlander Trail to viewpoint.			PSEC
2:00 pm	Reflection /Teacher Appreciation/ Closing Circle			PSEC

Post Immersion

ENS 1010 –	Complete Journal
WLD 1130 –	Complete Journal
ENS 1910 –	Complete Project A Clearly identify how your project is related to WLD 1130 and ENS 1010. Follow the project plan, execute, evaluate and report on your project via photo or video project.