

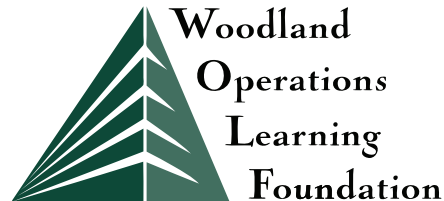
CONTINUING EDUCATION & CORPORATE TRAINING ONLINE LAND AND ENVIRONMENT TRAINING

**2024-2025
SCHEDULE**



Online, Anytime, and from Anywhere!

***Learn more
about WOLF
www.w-o-l-f.ca***



**NORTHERN LAKES
COLLEGE**

**CONTINUING EDUCATION &
CORPORATE TRAINING**

Register Online Today!

www.northernlakescollege.ca/cect

cect@northernlakescollege.ca

780-849-8623

Office Hours: Monday to Friday 8:15 a.m. - 4:30 p.m.



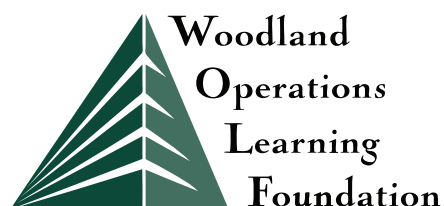
ONLINE LAND AND ENVIRONMENT TRAINING

ENROL AT ANYTIME!

www.northernlakescollege.ca/cect
780-849-8623

Northern Lakes College collaborates with the Woodland Operations Learning Foundation (WOLF) to deliver outstanding programs to meet your needs. WOLF is a not-for-profit corporation established by forest resource stakeholders and Northern Lakes College in May 2001. WOLF captures the most up-to-date knowledge base, develops learning resources, recruits students, delivers forestry and environmental training, and provides services and consultation to recognized educators, forest resource agencies, and workers within Alberta and western Canada. WOLF provides professional development opportunities that reflect the changing requirements of forestry professionals and those working in related industries.

Attention to the health and well-being of our natural environment is critical now and for the future. Explore our Land and Environment Training to learn what you can do to protect our most precious resource.



INNOVATIVE PIPELINE STRATEGIES

Course Code: WOLF0059

The purpose of this course is to provide information about how to incorporate Innovative Pipeline Strategies into best management practices for the pipeline construction industry and its stakeholders—including engineers, construction coordinators, consultants/inspectors, contractors, land agents, landowners, and government.

INTEGRATED RESOURCE MANAGEMENT

Course Code: FS003

Appealing to a broad range of forest workers at all education levels, the goal of this course is to increase understanding of the broader environmental, social, and economic impacts of resource development in Alberta, and the manner in which the Government of Alberta and industrial partners are addressing those impacts.

INTRODUCTION TO FOREST MANAGEMENT

Course Code: WOLF0076

Introduces the key elements of forest management in Alberta to forest workers at all education levels. It will introduce the concepts of forestry management (including a historical context), the importance of the forest industry in Alberta, and forest management trends.

PLANNING FOR HEALTHY LANDSCAPES

Course Code: AFS003

Introduces the Boreal Forest, describes how both natural and human-caused disturbance affects ecology, connects habitat to the species present, and explains the concepts of natural, current, and future ranges of variation to provide a basis for planning for healthy landscapes.

PLANT IDENTIFICATION AND INTRODUCTION TO SITE CLASSIFICATION

Course Code: AFS001

Learn to identify a variety of Boreal plants through knowledge of the plants, characteristic parts, life cycles, site, soils and moisture preferences, and associations with other plant types, in a variety of seasonal life stages. These plant associations are the basis for an understanding of Boreal ecosystems.

WOODLAND ADAPTIVE MANAGEMENT

Course Code: WOLD0071

This course examines this “big picture” thinking and provides a survey of the methods used to make effective decisions in a changing environment. Anyone interested in the decision-making models for healthy forested landscapes will find this course helpful.

WOODLAND ENVIRONMENTAL MANAGEMENT SYSTEMS, CERTIFICATION, AND COMPLIANCE

Course Code: AFS004

Designed for operators and woodland field personnel, and provides an overview of certification, EMS, legislation, and regulation in use today.

WOODLAND HARVEST BLOCK AND ROAD LAYOUT

Course Code: WOLF0048

Designed to prepare forestry workers and planners who have been charged with the task of developing or implementing operating plans. Layout crews will be better equipped to apply sound decision-making principles when making plan modifications in the field, and will understand the importance of documentation, data integrity, and quality assurance.

WOODLAND HARVEST STRATEGIES IN ALBERTA

Course Code: WOLD0018

The purpose of this course is to familiarize the participant with some of the forces that shape the forest harvesting industry and provide a detailed guide to harvest equipment and how it is used for maximum productivity and safety

WOODLAND HISTORICAL RESOURCES

Course Code: FS004

This course will appeal to a broad range of forest workers at all education levels. The course goal is to increase awareness and understanding of the importance of historic sites in Alberta, with an aim of having forest workers identify and protect new and existing sites.

WOODLAND INSECTS, DISEASES, AND WEEDS IN ALBERTA

Course Code: WOLF0011

Designed for anyone working in resource development industries, and is especially applicable to those who work in the woods and depend on healthy forests for their livelihood.

WOODLAND OPERATIONS SPILL RESPONSE AND WASTE MANAGEMENT

Course Code: WOLF0013

This course is designed to prepare the workforce to reduce the chances of a spill occurring, and if a spill does occur, to reduce the size and extent of damage that results. The goal is to minimize impacts to themselves, other people, the company and the environment.



Online, Anytime, and from Anywhere!

WOODLAND PLANT IDENTIFICATION

Course Code: AFS001

Working in Boreal forest management requires a practical knowledge of vegetation within this forest region. Students will learn to identify a variety of Boreal plants through knowledge of the plant's characteristic parts, life cycles, site, soils and moisture preferences, and associations with other plant types, in a variety of seasonal life stages.

WOODLAND ROAD MAINTENANCE

Course Code: WOLF0045

This course is designed to give solid reasons for being smart with our roads, especially where they cross streams. There are both environmental and economic reasons to pay attention to the details.

WOODLAND ROAD RECLAMATION

Course Code: WOLF044

This course is meant for those new to the operational side of woodland reclamation and offers an introductory overview of the development of forest reclamation in Alberta and is meant to compliment other WOLF courses.

WOODLAND SOILS

Course Code: FS006

Provides practical ideas to forestry contractors, equipment operators, and field supervisors, so that together, they can minimize the damage to forest soils during forest operations. The opportunity to protect forest soil occurs at each step of the forest-management process, from harvest planning, to field layout, to harvesting, and reforestation activities.

WOODLAND SPECIES AT RISK

Course Code: WOLF0073

Appeals to contractors, supervisors, and harvest planning staff. The goal is to increase awareness of the legislation and strategies in place in Alberta that are designed to protect species at risk.

WOODLAND STEWARDSHIP

Course Code: WOLF0010

Designed for a wide range of people with an interest in the forest sector and introduces the key elements of forest management in Alberta. Participants will not need a background in forest management to understand the concepts that are presented.



Learn more about WOLF www.w-o-l-f.ca

WOODLAND STEWARDSHIP AND INTRODUCTION TO FOREST MANAGEMENT

Course Code: FS001

Designed for a wide range of people with an interest in the forest sector. People who are working in the industry and understand many of the operational controls will benefit by seeing the broader framework under which forests in Alberta are managed.

WOODLAND WATER CROSSING MONITORING AND INSPECTIONS

Course Code: WOLF0038

Presents what is currently the most widely accepted system of monitoring stream crossings in Alberta. As inspectors become highly skilled at identifying problems with bridges and culverts, they will be better prepared to generate solutions and reduce liability. The course will provide the industrial user with a standard approach to crossing inspection and risk assessment.

WOODLAND WATER LEGISLATION

Course Code: WOLF0098

Presents the intent of water legislation standards and its key features. As people learn what the requirements are for specific watercourse types, they will be better prepared to choose the correct crossings, install them competently, and ultimately reduce legal liability.

WOODLAND WATER QUALITY, EROSION CONTROL, AND CROSSING CONSTRUCTION

Course Code: FS005

Intended to provide information about the fundamentals of water quality and develop competency in watercourse crossing construction. By learning the fundamentals, industrial construction personnel will create less sedimentation, reduce losses to aquatic habitats, and reduce construction and maintenance costs. The company will also be exposed to less risk contravening existing provincial and federal legislation.

WOODLAND WILDFIRE AWARENESS

Course Code: AFS002

Appeals to forest workers at all education levels. The goal is to increase awareness of wildfire risk, with the aim of eliminating or reducing risk factors at the worksite and, more generally, in the woodlands. This course will introduce the concepts of wildfire risk, examine recent trends in wildfire risk, basic elements of wildfire behaviour and how it is measured, and FireSmart strategies to manage wildfire risk.

WOODLAND WILDLIFE AND BIODIVERSITY

Course Code: WOLF0012

Forest managers in Alberta apply wildlife conservation principles in all phases of harvest planning. The people who carry out those plans will benefit by knowing when specific practices are required, and why it makes a difference. Anyone who reads the Annual Operating Plan, or is given a harvest plan map and must operate according to the ground rules, will benefit from this course.

WOODLAND WILDLIFE AND BIODIVERSITY AND WOODLAND SPECIES AT RISK

Course Code: FS002

Designed for forest managers in Alberta who apply wildlife conservation principles in all phases of harvest planning. The people who carry out those plans will benefit by knowing when specific practices are required, and why it makes a difference. Anyone who reads the Annual Operating Plan, or is given a harvest plan map and must operate according to the ground rules, will benefit from this course.



Ask about our Private Training!

A Continuing Education & Corporate Training Specialty



CHECK IT OUT!

Check out this multiple-choice quiz developed by NLC, Shell, Driftpile, and WOLF. You will be given some clues as to the plant's identity including a picture of the plant, along with the written Cree name and an audio recording of the Cree pronunciation. When you select the correct common name, it provides you with some information about the traditional, medicinal, and cultural uses of each plant.

www.northernlakescollege.ca/cect then click Land and Environment



LOG TRUCK PROFESSIONAL DRIVER TRAINING SERIES

Online, Anytime, and from Anywhere!

Being a professional Log Truck Driver requires a great deal of expertise, good judgement, experience, and of course attitude. Each of the 5 modules in this series attempts to strengthen the skills you already have while giving you the opportunity to increase your competence, expertise and know-how.

Each module in this course includes a few related exercises that are designed to help you retain what we've covered, not to test you. If you successfully complete the chapter exercises, you shouldn't have any trouble with the final quiz.

Upon completion of the final quiz, you will receive a certificate of completion from The Woodland Operations Learning Foundation (WOLF).

MODULE 1: LOG-HAUL ADMINISTRATION

Course Code: WLT001

Module 1 covers Log-Haul Administration and deals with a lot of the paperwork you will encounter and is an introduction to log truck configurations, weights, dimensions & permits as well as driver administration & workplace attributes.

MODULE 2: ROADWORTHINESS

Course Code: WLT002

Module 2 is all about roadworthiness and addresses not only how to maintain a safe & efficient vehicle but how to be a safe, professional driver & co-worker.

MODULE 3: LOADING SECUREMENT AND TRANSPORT

Course Code: WLT003

Module 3 deals with log loading, load securement and transporting your cargo safely to your destination.

MODULE 4: DESTINATION

Course Code: WLT004

Module 4 is about weigh-scales & offloading procedures at your destination.

MODULE 5: EMERGENCIES

Course Code: WLT005

Module 5 focusses on how to prepare for, prevent and respond to unforeseen conditions and emergency situations.

CERTIFICATE OPTIONS



FOREST STEWARDSHIP CERTIFICATE

This program aims to provide an explanation of the science of sustainable management, which includes balancing and protecting social, economic, and ecological benefits derived from forested land. You can take these courses anytime and from anywhere. Must take:

- Woodland Stewardship and Introduction to Forest Management
- Woodland Wildlife and Biodiversity and Woodland Species at Risk
- Integrated Resource Management
- Woodland Historical Resources
- Woodland Water Quality, Erosion Control, and Crossing Construction
- Woodland Soils



LOG TRUCK PROFESSIONAL DRIVER CERTIFICATE

Module 1: Log-Haul Administration

Module 2: Roadworthiness

Module 3: Loading Securement and Transport

Module 4: Destination

Module 5: Emergencies



ADVANCED FOREST STEWARDSHIP CERTIFICATE

Explains the science of sustainable management, which includes balancing and protecting social, economic, and ecological benefits derived from forested land. Must take:

- All six of the Forest Stewardship courses
- Plant Identification and Introduction to Site Classification
- Woodland Wildfire Awareness
- Planning for Healthy Landscapes
- Woodland Environmental Management Systems, Certification, and Compliance

Successful completion of all six Forest Stewardship courses will earn you a certificate. Completing these additional four courses will earn you an Advanced Forest Stewardship certificate.

If you are not interested in completing a full certificate, the courses available can also be taken independently.



PRIVATE COURSE TRAINING

Ask us about Private training!

We understand that because every organization is different, so are your training requirements.

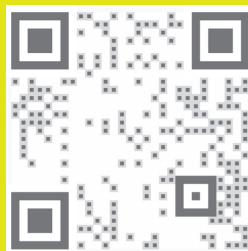
That is why our wide range of programs and courses are completely customizable. Whether you want training solutions delivered at your site or ours, face-to-face or online, we offer specialized training to fit your schedule. Quotes are available to businesses upon request.

Your training needs are why we are here!



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