

EKISC Education and Professional Development Course Alignment

All our courses start with...

And continue with...

And are exentuated by...

INTRODUCTORY LEVEL COURSES

Practical Invasive Plant Biology and Identification

Description:

This hands-on lecture plus field training session is for anyone interested in learning how to identify invasive plants found in the East Kootenay region. This half-day course provides an overview of the characteristics that will enable you to easily identify invasive plants, their optimal growing conditions, and common management methods. It covers methods for identifying plants using regional books and websites, how to use a dichotomous key, tips for taking useful photos, and how to report infestations. After completion of this course, participants will be able to:

- Verify common invasive plant species, characteristics, impact on the landscape, and vectors of spread.
- Employ resources and steps to identify an unknown plant.
- Outline management methods for removal and disposal.

Who is this course for?

Anyone interested in invasive plant identification. Particularly useful for environmental consultants, land surveyors, local government staff, roadside maintenance contractors, and stewardship groups. Professional

Prerequisites:

None.

Effective Invasive Plant Control

Description:

Looking to hone your weed management skills? This course provides instruction on core topics for your workplace. Participants will learn via hands-on, practical demonstrations of weed identification, control tools, and management techniques. Participants will gain an in depth understanding of identification methods, reporting methods, and management strategies for parks, roadsides, urban forestry, and habitat restoration projects. After completion of this course, participants will be able to:

- Identify local invasive plant species and vectors of spread.
- Identify and demonstrate management methods for removal and disposal.
- Report infestations.
- Employ resources and steps to identify an unknown plant.

Who is this course for?

This course is designed for on-the-ground maintenance crews and their supervisors; particularly valuable to those in trail maintenance, city landscaping, and grounds maintenance workers.

Prerequisites:

A basic understanding of grounds maintenance. This course is an ideal prerequisite for the Pesticide Applicators course.

PROFESSIONAL LEVEL COURSES

Priority Invasive Species Identification

Description:

Early detection and rapid response (EDRR) practices enable land managers to identify new and spreading invasive species quickly, and enact control before the species population grows to the point where it cannot be locally eradicated. Implementing EDRR measures can increase the likelihood that new invasions will be managed successfully prevented new invasive species from becoming established and negatively impacting native species. Next to prevention, it is the most time and cost-effective way to curtail and manage the potential negative impacts of new invasive. This training will provide participants with tools to:

- Identify and detect priority invasive plant species and their vectors of spread;
- Record and report priority species;
- Implement preventative measures and control of these species through coordinated removals.

Who is this course for?

Professionals and volunteers who are engaged, or interested in, invasive species work. This training will enhance current efforts and reduce the frequency of inaccurate reports and excessive reporting of common species.

Prerequisites:

Participants should be able to identify locally invasive plants or have taken *Invasive Plant Biology and Identification* course.

Field Techniques for Recording and Reporting

Description:

This course is designed to train professionals in field techniques for mapping and reporting invasive plant occurrences. This course provides in class and hands on training in field techniques, including:

- Using the Invasive Alien Plant Program (IAPP) Mapping System
- Vouchering and photograph tips for sampling and identification, including safely handling plants
- Estimating and measuring distance and cover
- Occurrence reporting
- Data management

Who is this course for?

This course is designed for operational and management positions who are required to record and report invasive species; particularly useful for land managers in regional districts, conservation and stewardship groups, forest licensees, industries including utilities, oil and gas, agriculture, aggregate, forestry, and roadworks.

Prerequisites:

Participants must be able to identify local invasive plant species. Participants must have an iPad with the IAPP field forms and Repot-A-Weed apps downloaded

Strategic Approaches for Management Professionals

Description:

Strategic Approaches has been developed as the core of our invasive plant management courses, with the goal of expanding the knowledge of working professionals and drawing from diverse of experiences. This course familiarizes participants with invasive plant management at a professional level, integrating balanced approach of practical field skills into advanced management work. Topics include:

- Developing goals and objectives
- Prioritizing target species
- Creating treatment plans
- Planning for monitoring
- Integrating adaptive management

Who is this course for?

Management professionals, land managers, and other interested individuals. Most of the weed management techniques can also be extended to industrial sites, roadsides, and lands used for producing crops.

Prerequisites:

Participants should be able to identify locally invasive plants or have taken an Invasive Plant Biology and Identification course.

Participants should have an understanding of mapping and reporting techniques or have taken a Field Techniques for Recording and Reporting course.

Participants should know the basics approaches to control and manage invasive plants species or have taken an Effective Weed Control course.

Participants must provide a laptop computer.

SPECIALIZED COURSES

Pesticide Applicators Course

Description:

This multi-day training course has been created to ensure participants receive the necessary information to successfully obtain their pesticide applicators certificate as well as help them become more employable in the field of invasive plant management. Participants that attend this course will learn to properly and safely manage weeds on industrial land, roads, power lines, railways and pipeline right-of-ways including control of weeds designated as noxious on private or public land.

Who is this course for?

Anyone interested in becoming a certified pesticide applicator.

Prerequisites:

Participants should consider taking an invasive plant identification course and/or assistant pesticide applicator training.

This is an extensive training course that includes a heavy math component; knowledge of basic math (example - cross multiplication and unit conversion) is an asset but not a requirement.

Realtor and Land Developer Training

Description:

Working in partnership with the British Columbia Society of Landscape Architects (BCSLA) with financial support from the Real Estate Foundation of BC (REFBC), the Invasive Species Council of BC (ISCBC) has developed an in-person invasive species workshop and a free interactive invasive species e-learning resource for real estate professionals, professional landscape architects, land developers and other land use disciplines. The aims of these training options are to expand the knowledge and understanding of invasive species and their impacts, so professionals can provide their clients with useful information and educated advice.

Who is this course for?

Realtors and Land Developers

Prerequisites:

None.

Assistant Pesticide Applicators Training

Description:

This free training is offered online by the Ministry of Environment. Successful training participant will be enabled to apply pesticides to treatment areas under the supervision of a certified pesticide applicator, safely transport pesticides to work sites, take pesticides in and out of storage, and ensure security of mobile, temporary and permanent pesticide storage facilities. Assistant applicators must re-take the training annually. [Learn More About the Assistant Applicator Online Training.](#)