

Online Wildfire Training

Alberta Structural Fire Departments

Wildfire Management Branch is making available a suite of online wildfire training that Structural Fire Departments may find of use. Courses are available to Structural Fire Departments located in Alberta only.

Self-Registration

Contact the **HTC Online Help Desk** at htc.online@gov.ab.ca or call **780-865-8213** for access instructions.

Course Descriptions

Wildfire Orientation

Basic introductory course introducing incident mobilization, wildland hazards, wildfire safety, aircraft safety, fire behaviour and fire operations.

S-131 Unit 3: Fire Behaviour Fundamentals

Wildland Fire Crew Member training that covers fundamentals of fire behaviour, including forest fuels, fire weather and topography.

S-131 Unit 4: Fire Suppression

Wildland Fire Crew Member training that overviews suppression techniques and fundamental wildfire definitions. Other topics including safe use of direct and indirect attack, basic steps of fire suppression.

S-131 Unit 9: Heavy Equipment

Wildland Fire Crew Member training overviewing types of heavy equipment used on wildfires, hazards and safe work practices working around equipment.

S-131 Unit 10: Fireline Patrol and Mop-Up

Wildland Fire Crew Member training outlining the purpose, procedures and hazards patrolling and mopping up a fireline. Observation techniques and hot spot extinguishment techniques.

Principles of Fire Behaviour (CIFFC)

An intermediate level fire behaviour skill course builds on pre-existing fire behaviour knowledge. This course will help you anticipate fire behaviour based on a number of observable and measurable factors.

Fire Weather Index System (CIFFC) – *end of April*

Pre-requisites: Principles of Fire Behaviour (online); Comprehensive introduction to the Canadian Forest Fire Weather Index (FWI) System, a critical tool used for assessing wildland fire potential.

Safety on the Fireline (CIFFC)

Pre-requisites: Principles of Fire Behaviour (online); Fire Weather Index System (online).

Course is focused on hazard identification and avoidance: safety, entrapment, fire behaviour, equipment, fireline, urban interface.

Courses by request HTC.Online@gov.ab.ca:

S-131 Unit 12: Helicopter Operations

Wildland Fire Crew Member training for working in and around helicopters. Topics include dangers, loading, unloading, slinging, helipad and helispot requirements; procedures when in a drop zone.

S-131 Unit 13: Airtanker Operations

Wildland Fire Crew Member training to identify types and uses of airtanker, hazards to ground crews and procedures if accidentally caught in a drop zone.

Canadian Forest Fire Behaviour Prediction System (CIFFC) – *end of April*

Pre-requisites: Principles of Fire Behaviour (online); Fire Weather Index System (online). Course provides an enhanced understanding of the inputs that make up the FBP system; how fuel, weather and topographic factors influence fire behaviour.