

FE208
Wildland Firefighter Level I
2 Credits

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FE208 Version: 4



Wildland Firefighter Level I

Calendar Description

This course gives the student the basic knowledge and skills to combat a wildfire and to protect structures in wildland settings threatened by fire. The student works as a member of a team under direct supervision. The course includes basic fire behaviour, firefighter safety, backfire and burnout techniques, water and foam delivery systems, and air operations safety.

Rationale

Combating a fire in a wildland setting needs a different skill set from that used in structural or industrial firefighting. This course is for structural firefighters who may face grassland, bush, or forest fires. It is also suitable for industrial firefighters who may face fires at, for example, forestry plants.

Prerequisites

1-100 Introduction to Incident Command System; Standard First Aid and CPR Level C

Co-Requisites

None

Course Learning Outcomes

Upon successful completion of this course, students will be able to

1. function safely as a wildland firefighter.
2. function as a member of a directly supervised team.

Resource Materials

Emergency Training Centre course text

Alberta Government. (2014). *Grassland wildfire operations DRAFT (S-100G)*.

Hinton Training Centre. (2018). *Fire operations in the wildland/urban interface (S-215)*.

Wildlife Management Branch, Forestry Division: Government of Alberta.

IFSTA. (2013). *Essentials of fire fighting and fire department operations* (pp. 270–280,

825–830, 872–873). Fire Protection Publications: Oklahoma State University..

Conduct of Course

A. Methods

1. lecture
2. instructor demonstrations
3. student practical evolutions

B. Aids

1. whiteboards
2. PowerPoint slides
3. firefighting equipment, tools, and apparatus

C. Assignments

1. self-testing exercises in the Lakeland College Emergency Training Centre course text
2. instructors demonstrate skills; students practise until they achieve mastery of the skill

D. Study Time

Evaluation Procedures

Practical skills (pass/fail)

Written exam, 70% pass mark

Grade Equivalents and Course Pass Requirements

The final mark is given as a letter grade.

Letter	F	B-	B	B+	A-	A	A+
Percent Range	0-69	70-74	75-79	80-84	85-89	90-94	95-100
Points	0.00	2.70	3.00	3.30	3.70	4.00	4.00

Attendance

Regular attendance is essential for success in any course. Absence for any reason does not relieve a student of the responsibility of completing course work and assignments to the satisfaction of the instructor. Poor attendance may result in the termination of a student from a course.

Course Units/Topics

1. Fire behaviour in various wildland settings
2. Firefighter safety for wildland operations
3. Methods of attack, including backfire and burnout techniques
4. The use of various water and foam delivery systems
5. Safe operating procedures for air operations
6. Team operations and communication in the wildland setting



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