



## Fire Fighting Practices Level 1 and 2 – FIRE 127

### Fire Training Certification

### Course Outline

COURSE IMPLEMENTATION DATE: September 2015  
OUTLINE EFFECTIVE DATE: September 2021  
COURSE OUTLINE REVIEW DATE: April 2026

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#### GENERAL COURSE DESCRIPTION:

This course complies with the standards set by NFPA 1001 and provides a foundation of theory and practical skill development for students pursuing a career in the fire services. Topics include the organization of the fire department, standard operating procedures, rules and regulations, safety initiatives, personal protective equipment, tools and equipment, ropes and knots, the chain of command and incident management, fire department communications, and teamwork. The course prepares students for entry-level positions as structural Firefighters, Wildland Fire Suppression Workers and Industrial Safety Officers/Firefighters. The course includes both theory and hands-on activities related to fire safety and emergency response-related skills.

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**Program Information:** This course is a required course for the Fire Training Certification program. It may also be delivered as a standalone course or as a part of a specialized contract training program.

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**Delivery:** This course may be delivered face-to-face or hybrid (online with face-to-face components).

**COTR Credits:** 14

**Hours for this course:** 320 hours

#### Typical Structure of Instructional Hours:

Instructional Activity	Duration
Lecture Hours	120
Practical Skills Training	200
Laboratory / Studio Hours	
Practicum / Field Experience	
<b>Total</b>	320

#### Practicum Hours (if applicable):

Type of Practicum	Duration
On-the-Job Experience	N/A
Formal Work Experience	N/A
Other	N/A
<b>Total</b>	

**Course Outline Author or Contact:**

Jack Paterson, Fire Instructor

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Signature

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**APPROVAL SIGNATURES:**

Department Head  
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Department Head Signature

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Dean Signature

EDCO

Valid from: September 2021 – April 2026

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Education Council Approval Date

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**COURSE PREREQUISITES AND TRANSFER CREDIT:**

**Prerequisites:** None

**Note:** Though students do not need a prerequisite or corequisite to complete FIRE 127 with College of the Rockies, students require FIRE 111 (Hazardous Materials Awareness) and FIRE 112 Hazardous Materials Operations to receive Pro Board certification as a firefighter.

**Flexible Assessment (FA):**

Credit can be awarded for this course through FA  Yes  No

Learners may request formal recognition for flexible assessment at the College of the Rockies through one or more of the following processes: External Evaluation, Worksite Assessment, Demonstration, Standardized Test, Self-assessment, Interview, Products/Portfolio, Challenge Exam. Contact an Education Advisor for more information.

**Transfer Credit:** For transfer information within British Columbia, Alberta and other institutions, please visit <http://www.cotr.bc.ca/Transfer>.

Student should also contact an academic advisor at the institution where they want transfer credit.

**Prior Course Number:** N/A

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## **Textbooks and Required Resources:**

Textbook selection varies by instructor and may change from year to year. At the Course Outline Effective Date the following textbooks were in use:

*Fundamental of Fire Fighter Skills and Hazardous Materials Response*, Canadian Fourth Edition  
Jones and Bartlett Learning.

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## **LEARNING OUTCOMES:**

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

- conduct fire department communications in a professional manner, including initiating, reporting and responding to calls;
  - use fire department communications equipment to correctly relay verbal or written information;
  - engage in fire-ground operations including activities necessary to ensure life safety, fire control and property conservation;
  - perform preparedness and maintenance activities that reduce the loss of life and property due to fire through response readiness;
  - perform rescue operations, including activities related to assessing and disentangling victims from motor vehicle accidents;
  - assist special rescue teams; and
  - engage in activities related to reducing the loss of life and property due to fire through hazard identification, inspection and response readiness.
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## **COURSE TOPICS:**

- Orientation and History of the Fire Service
- Fire Fighter Safety
- Personal Protective Equipment (PPE) and Self-Contained Breathing Apparatus (SCBA) Communications
- Incident Management System
- Fire Behaviour
- Building Construction
- Portable Fire Extinguishers
- Tools and Equipment
- Ropes and Knots
- Response and Size-Up
- Forcible Entry
- Ladders
- Search and Rescue
- Ventilation
- Water Supply
- Fire Attack and Foam
- Fire Fighter Survival
- Salvage and Overhaul

- Rehabilitation
- Extreme Cold Weather Cautions and Operations
- Wildland and Ground Fires
- Fire Suppression
- Pre-incident Planning
- Vehicle Rescue and Extrication
- Assisting Special Rescue Teams
- Fire Prevention and Public Education
- Fire Detection, Protection, and Suppression Systems
- Fire Cause Determination
- Hazardous Materials: Introduction
- Hazardous Materials: Awareness
- Hazardous Materials: Operations and Specialties
- Terrorism Awareness
- Medical Training Component

*See instructor syllabus for the detailed outline of weekly readings, activities and assignments.*

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#### **EVALUATION AND ASSESSMENT:**

Assessment of learning follows standard testing procedures as defined by the Pro Board Fire Service Professional Qualifications System; i.e.;

<b>Assessment</b>
The <b>theory</b> portion of the course is assessed with a Pro Board-approved written test. Students must achieve a minimum mark of 70%.
The <b>practical skills</b> portion of the course is assessed on a pass/fail basis. Students must earn a passing grade on each of the skills tests as required by the Pro Board.
A passing grade is required in both theory and practical skills components in order to earn credit for the course.

*Please see the instructor syllabus for specific classroom policies related to this course, such as details of evaluation, penalties for late assignments and use of electronic aids.*

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#### **EXAM POLICY:**

Students must attend all required scheduled exams that make up a final grade at the appointed time and place.

Individual instructors may accommodate for illness or personal crisis. Additional accommodation will not be made unless a written request is sent to and approved by the appropriate Department Head prior to the scheduled exam.

Any student who misses a scheduled exam without approval will be given a grade of "0" for the exam.

## COURSE GRADE:

Course grades are assigned as follows:

<b>COM</b>	Completed to defined standard
<b>NCG</b>	No Credit Granted

A grade of COM is awarded for a minimum of 70% on all theory based tests and a pass on all practical assignments.

***All courses (whether credit-bearing or continuing education courses) must be passed or marked “complete” according to the criteria listed before the student can be awarded the COTR Fire Services Training Certificate.***

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## ACADEMIC POLICIES:

See [www.cotr.bc.ca/policies](http://www.cotr.bc.ca/policies) for general college policies related to course activities, including grade appeals, cheating and plagiarism.

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## COURSE CHANGES:

Information contained in course outlines is correct at the time of publication. Content of the courses is revised on an ongoing basis to ensure relevance to changing educational, employment and marketing needs. The instructor endeavours to provide notice of changes to students as soon as possible. The instructor reserves the right to add or delete material from courses.