



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

### Technology

**Effective Term & Year:** Fall 2022

**Course Outline Review Date:** 2026-04-01

**Program Area:** Fire Services

#### 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.

#### 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.

**Delivery Methods:** Hybrid – On-campus (Face-to-Face) and Online

**Credit Type:** College of the Rockies Credits

**Credits:** 14

#### Instructional Activity and Hours:

Activity	Hours
Classroom, Directed Studies or Online Instruction	120

Seminar/Tutorials	
Laboratory/Studio	
Practicum/Field Experience	200
Co-op/Work Experience	
Other	
<b>Total</b>	<b>320</b>

### Course Requisites:

- 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: Yes

In some cases students may be able to apply for recognition of prior learning outside the classroom. This flexible assessment process provides equivalent course credit. It is a rigorous process that may include external evaluation, worksite assessment, demonstration, standardized test, self-assessment, interview, products/portfolio, and challenge exam, or other measures as appropriate. Tuition fees apply. Contact an education advisor for more information.

### Course Transfer Credit:

For information about receiving transfer credit for courses taken at either British Columbia or Alberta institutions, please see <https://www.bctransferguide.ca/> or <https://transferalberta.alberta.ca> . For more transfer credit information, please visit <https://www.cotr.bc.ca/Transfer>

All requests for course transfer credit from institutions in British Columbia or elsewhere should go to the College of the Rockies Enrolment Services office.

### Textbook 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:

- 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.

### Evaluation and Assessments

**Assessment Type: On-Campus (face-to-face) and Online, or Hybrid**

<b>Assessment Type</b>	<b>% of Total Grade</b>
The theory portion of the course is assessed with a Pro Board-approved written test. Students must achieve a minimum mark of 70%.	
The practical skills 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.	

### Grade Scheme

COM	NCG
Completed to the defined standard – 70% and higher	No credit granted – less than 70%

**Evaluation Notes Comments:**

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.***

**Exam Attendance:**

Students must attend all scheduled exams at the appointed time and place. Instructors may approve an alternate exam to accommodate an illness or personal crisis. Department heads will consider other written requests. Any student who misses a scheduled exam without prior approval will receive a “0” on the exam.

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### **Academic Policies:**

College of the Rockies policies related to courses can be found at <https://cotr.bc.ca/about-us/college-policies/> and include the following:

- Policy 2.4.3 Students with Documented Disabilities
  - Policy 2.4.4 Student Conduct (plagiarism, other cheating, behavioral misconduct)
  - Policy 2.5.8 Academic Performance
  - Policy 2.5.3 Grade Appeal
  - Policy 2.4.9 Student Concerns Re Faculty
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### **Course Changes:**

The College of the Rockies updates course outlines regularly to meet changing educational, employment and marketing needs. The instructor will notify students in writing of any updates to this outline during the semester. The instructor reserves the right to revise, add or delete material while meeting the learning outcomes of this course outline.