



## FIRE-233 – Live Fire Instructor In-Charge

### Technology

**Effective Term & Year:** Fall 2024  
**Course Outline Review Date:** 2029-03-01

**Program Area:** Fire Services

#### Description:

The course is designed to bring Live Fire Instructors In-Charge in compliance NFPA 1041: Standard for Fire and Emergency Services Instructor Professional Qualifications Chapter 8, 2019 ed., and NFPA 1403. It is intended for those persons who are qualified as an instructor and could be designated by an authority having jurisdiction to instruct or oversee live fire training evolutions.

#### Program Information:

This course is a course for experienced fire trainers already qualified as Live Fire Instructor. It can be delivered as a standalone course or as a part of a specialized contract training program.

**Delivery Methods:** On-campus (Face-to-Face)

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

**Credits:** 1

#### Instructional Activity and Hours:

Activity	Hours
Classroom, Directed Studies or Online Instruction	12
Seminar/Tutorials	0
Laboratory/Studio	0
Practicum/Field Experience	8

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Co-op/Work Experience	0
Other	0
Total	20

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**Course Requisites:**

- Complete all of the following
  - 3 Years experience as a Fire Fighter
  - Fire and Emergency Services Instructor 1
  - Completed the following:
    - FIRE127 – Fire Fighting Practices Level 1 and 2 (14)
  - Completed the following:
    - FIRE223 – Fire Service Instructor – Level 2 (2)

**Flexible Assessment:** No

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**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 Enrollment Service office.

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**Textbook Resources:**

Textbook: Fire and Emergency Services Instructor: Principles and Practice 3rd Ed. (Jones and Bartlett)

Equipment: SCBA and structural firefighting PPE

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**Learning Outcomes:**

Upon successful completion of this course, students will be able to perform the duties of a Live Fire Instructor In-Charge to the criteria set by the National Fire Protection Association, standard NFPA 1041:

- prepare a pre-burn plan in compliance with NFPA 1403;
- conduct a pre-burn inspection;
- calculate the minimum water supply required for a live fire evolution in compliance with NFPA 1403;
- identify and assigning instructional tasks and duties in compliance with NFPA 1403;
- conduct a pre-burn briefing session;
- maintain the training environment to safeguard participants;
- conduct a post-burn burn briefing session;
- conduct a post-burn inspection of the structure or prop; and
- complete records and reports in accordance with NFPA 1403.

### Course Topics:

- Facility requirements, structure or prop considerations
- Observation techniques, inspection and evaluation skills
- Calculation of water supply requirements
- Calculation of minimum water flow application rate
- Accountability procedures
- Coaching and observation techniques
- Pre-burn plan, safety rules, emergency procedures
- Presentation and class management skills
- Signs and symptoms of fatigue and distress
- Evaluation of environmental conditions
- Pre-burn plan, learning objectives
- Presentation skills, evaluation skills, class management skills
- AHJ policies, facility requirements, safety practices
- Observation techniques, inspection skills
- NFPA 1403, and AHJ policy on records
- Technical writing and records completion

## Evaluation and Assessments

### Assessment Type: On-Campus (face-to-face)

Assessment Type	% of Total Grade
A written examination requiring 70%	50%
Skills evaluation requiring 100%	50%
Total	100

### Grade Scheme

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

**Pass requirements:** All assignments and evaluations must be completed.

**Evaluation Notes:** All evaluation components must be submitted to pass the course.

**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