



FIRE-137 – Facility Fire Brigade Member – Advanced Incipient

Fire Services

Effective Term & Year: Fall 2026
Course Outline Review Date: 2031-04-01

Program Area: Fire Services

Description:

Based on *NFPA 1081: Standard for Facility Fire Brigade Member Professional Qualifications, 2018 Edition*, this course provides students with the knowledge and skills necessary to serve as members of an organized facility fire brigade at a designated facility or site. Instruction focuses on offensive exterior fire suppression activities involving fires that have developed beyond the incipient stage.

A ProBoard certificate is issued upon successful completion of all testing components.

Program Information:

This course builds on FIRE123 Facility Fire Brigade Member – Incipient. It is part of the Fire Training Certificate Program, and it can be offered as a Fire Innovations Training stand-alone course through contract training.

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

Credit Type: College of the Rockies Credits

Credits: 2

Instructional Activity and Hours:

Activity

Hours

Classroom, Directed Studies or Online Instruction	16
Seminar/Tutorials	
Laboratory/Studio	
Practicum/Field Experience	24
Co-op/Work Experience	
Other	
Total	40

Course Requisites:

None

Prior Learning and Recognition: No

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.

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:

International Association of Fire Chiefs, & National Fire Protection Association. (2021). *Facility fire brigade: Principles and practice* (2nd ed.). Burlington, MA: Jones and Bartlett Learning, LLC.

Learning Outcomes:

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

- respond safely and effectively to facility emergencies;

- interpret alarm conditions and develop an initial action plan;
- implement emergency action plans and coordinate resources at an incident;
- use facility fire brigade tools, equipment, protective clothing, SCBA, and PASS devices;
- perform exterior fire suppression, including vehicle, electrical, flammable liquid, and flammable gas fires;
- establish water supply, operate master streams, fixed protection systems, and special extinguishing agents;
- conduct search and rescue, rapid intervention, hazardous area exit, and access operations as part of a team;
- perform property conservation, overhaul, and support operations during and after an incident; and
- conduct fire safety surveys, use pre incident plans, and interface with outside or mutual aid organizations.

Course Topics:

- Brigade Organization, Roles, and Safety
- Communications and Incident Management
- Fire Behavior and Facility Hazards
- Portable Extinguishers and Incipient Fire Control
- Fire Brigade Tools, Equipment, and Protective Systems
- Size Up and Initial Action Planning
- Water Supply, Hose, and Stream Operations
- Foam and Special Extinguishing Agents
- Fixed Fire Protection and Suppression Systems
- Exterior Fire Suppression, Pre Incident Planning, and Coordination with Outside Resources

Evaluation and Assessments

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

Assessment Type	% of Total Grade
Cognitive Exam	50%
Practical Skills	50%
Total	100%

Grade Scheme

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

Pass requirements:

A passing average (70% or higher) in the theory components and satisfactory completion of practice criteria.

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

Evaluation Notes Comments:

Skill and cognitive evaluations are carried out in accordance with ProBoard requirements.

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.

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 2.1.4 Course Audit
- Policy 2.4.1 Credential Framework
- Policy 2.4.3 Students with Documented Disabilities
- Policy 2.4.4 Student Rights, Responsibilities and Conduct
- Policy 2.4.8 Academic Performance
- Policy 2.4.9 Student Feedback and Concerns
- Policy 2.4.11 Storage of Academic Works
- Policy 2.5.3 Student Appeal
- Policy 2.5.5 Prior Learning Assessment and Recognition (PLAR)

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.