FIRE-134 – Confined Space Rescuer (Awareness and Operations)

Fire Services

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

Program Area: Fire Services

Description:

This course is based on NFPA 1006: Standard for Technical Rescue Personnel Professional Qualifications, Chapter 7, 2021 Edition. Designed for both fire department personnel and private industry, this course provides responders with a comprehensive understanding of accidents involving a confined space. This course teaches the responder how to test atmospheres, package and rescue patients, use SCBA and rescue systems.

Program Information: Delivery Methods: 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: Yes

Students are able to request formal recognition of their prior learning or experience outside the classroom. Challenge examination, portfolio-assisted assessment, or work-based assessment are used to identify, assess, and recognize prior skills, competencies, and knowledge to achieve course credit. Tuition fees apply, refer to Policy 2.5.5 Prior Learning Assessment and Recognition (PLAR) or 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 Enrollment Service office.

Textbook Resources:

Confined Space Rescuer 1st Edition (Jones and Bartlett)

Learning Outcomes:

- Initiate isolation procedures
- Initiate a search in areas immediately adjacent to the confined space
- Communicate with victim(s), given a clear environment and a confined space
- Perform nonentry rescue given an anchored retrieval system
- Use and apply PPE and fall prevention methods
- Size up a confined space rescue incident, given background information and applicable reference materials
- Recognize the need for technical rescue resources at an operation
- Initiate a search inside a confined space

- Monitor the environment
- Assess the incident
- Control hazards
- Apply and use self-contained breathing apparatus (SCBA)
- Apply an atmosphere-supplying respirator to a victim
- Perform full spinal immobilization of a victim inside a confined space
- Enter a horizontally oriented confined space for rescue
- Package the victim in a litter for removal from a horizontally oriented confined space
- Remove a victim from a horizontally oriented confined space
- Assemble a portable anchor system
- Prepare for entry into vertically oriented confined space
- Enter a vertically oriented confined space for rescue
- Package the victim in a litter for removal from a vertically oriented confined space
- Remove a victim from a vertically oriented confined space
- Remove all entrants from a confined space
- Terminate a technical rescue operation

Course Topics:

- Recognizing Hazards
- Atmospheric Monitoring
- Personal Protective Equipment
- Non-entry Rescues
- Supporting Rescue Operations and Technician Level Rescuers
- Sizing Up and Managing Confined Space Incidents
- Communications
- Rescue Systems
- SCBA Systems
- Entering and exiting Confined Spaces
- Patient Packaging

Evaluation and Assessments

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

Assessment Type	% of Total Grade
Written assessment	50%
Practical assessment	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: Students are required to achieve a minumum of 70% to achieve a grade of COM

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.