



FIRE-220 – Rope Rescue Technician Level 2

Technology

Effective Term & Year: Fall 2024

Course Outline Review Date: 2029-04-01

Program Area: Fire Services

Description:

This course complies with the standards set by NFPA 1006 (2013), Chapter 6 Section 6.2 (Ropes Level 2), and covers rope rescue techniques, along with the skills required to participate in a rope rescue operation. Students learn to identify hazards, use equipment, and apply various techniques to perform technical rescue operations. Students also learn about relevant safety standards which apply to rope rescues. This course emphasizes the inherently dangerous aspects of technical rescue and the rigorous activities which must be performed in adverse conditions.

Program Information:

This course is 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: 2

Instructional Activity and Hours:

Activity	Hours
Classroom, Directed Studies or Online Instruction	20
Seminar/Tutorials	

Laboratory/Studio	
Practicum/Field Experience	
Co-op/Work Experience	
Other	20 Practical Skills Training
Total	40

Course Requisites:

- Completed the following:
 - [FIRE118](#) – Rope Rescue Technician Level 1 (2)

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, work-based assessment or a combination of assessments that is appropriate 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 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:

Jones & Bartlett, Rope Rescue Techniques: Principles and Practice, Fifth Edition

Please see the instructor's syllabus or check COTR's online text calculator <https://textbook.cotr.bc.ca/> for a complete list of the currently required textbooks.

Learning Outcomes:

Upon the successful completion of this course, students will be able to perform the duties of a professional Fire Fighter according to the criteria set by The National Fire Protection Association, Standard NFPA 1006:

- construct all required roping systems given the necessary equipment;
- identify necessary aspects of rope rescue as they relate to the rope system required, such as, anchor systems, loads, rescue equipment and incident operations; and
- direct and descend required rope systems in a safe and controlled manner.

Course Topics:

The order in which course topics are delivered may vary in order to accommodate student interests, prior knowledge, and complementary or co-delivered training courses.

- Life Safety, Rope and Webbing
- Incident Planning and Scene Management
- Rope Rescue Hardware
- Personal Equipment
- Knots
- Anchor Systems
- Rope Rescue Systems
- Patient Packaging
- Lowering Systems and Processes

Evaluation and Assessments

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

Assessment Type	% of Total Grade
The theory portion of the course is assessed with a Pro Board-approved written test. Students must achieve a minimum mark of 70%.	50%
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.	50%
Total	100%

Grade Scheme

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

Evaluation Notes Comments:

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

A passing grade is required in both theory and practical skills components in order to earn credit for the course.

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

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.

