COLLEGE OF THE ROCKIES

FIRE-118 – Rope Rescue Technician Level 1

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 1006 (Ropes Level 1) and covers the fundamentals of rope rescue techniques, along with the skills required to participate in a rope rescue operation. Students learn to identify hazards, use equipment, and apply limited 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 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: 2

Instructional Activity and Hours:

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

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

Course Requisites:

None

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 Columba 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: High Angle Rope Rescue Techniques Level 1 & 2 Fourth Edition

Learning Outcomes:

- 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:

- 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

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

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%.	
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:

Students must achieve a 70% on all theory portions of the course and pass all the practical

skills to successfully achieve a COM for the course.

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.

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

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.