



Rope Rescue Technician Level 1 – FIRE 118

Fire Training Certification

Course Outline

COURSE IMPLEMENTATION DATE: September 2015
OUTLINE EFFECTIVE DATE: September 2021
COURSE OUTLINE REVIEW DATE: April 2026

GENERAL COURSE 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: This course may be delivered either totally face-to-face, or in a hybrid delivery model (i.e. course theory delivered online; practical skills developed in a face-to-face setting).

COTR Credits: 2

Hours for this course: 40 hours

Typical Structure of Instructional Hours:

Instructional Activity	Duration
Lecture Hours	20
Practical Skills Training	20
Laboratory / Studio Hours	
Practicum / Field Experience	
Other Contact Hours	
Total	40

Practicum Hours (if applicable):

Type of Practicum	Duration
On-the-Job Experience	N/A
Formal Work Experience	N/A
Other	N/A
Total	

Course Outline Author or Contact:

Richard Prasad, Fire Instructor

Signature

APPROVAL SIGNATURES:

Department Head

Joy Brown

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Dean of Trades and Technology

Dr. Jack Moes

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Department Head Signature

Dean Signature

EDCO

Valid from: September 2021 – April 2026

Education Council Approval Date

COURSE PREREQUISITES AND TRANSFER CREDIT:

Prerequisites: None

Corequisites: None

Flexible Assessment (FA):

Credit can be awarded for this course through FA Yes No

Learners may request formal recognition for flexible assessment at the College of the Rockies through one or more of the following processes: External Evaluation, Worksite Assessment, Demonstration, Standardized Test, Self-assessment, Interview, Products/Portfolio, Challenge Exam. Contact an Education Advisor for more information.

Transfer Credit: For transfer information within British Columbia, Alberta and other institutions, please visit <http://www.cotr.bc.ca/Transfer>.

Student should also contact an academic advisor at the institution where they want transfer credit.

Prior Course Number: N/A

Textbooks and Required 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:

Upon the successful completion of this course, students will be able to

- 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.
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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 ASSESSMENT:

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

Assessment
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.

Please see the instructor syllabus for specific classroom policies related to this course, such as details of evaluation, penalties for late assignments and use of electronic aids.

EXAM POLICY:

Students must attend all required scheduled exams that make up a final grade at the appointed time and place.

Individual instructors may accommodate for illness or personal crisis. Additional accommodation will not be made unless a written request is sent to and approved by the appropriate Department Head prior to the scheduled exam.

Any student who misses a scheduled exam without approval will be given a grade of "0" for the exam.

COURSE GRADE:

Course grades are assigned as follows:

COM	Completed to defined standard
NCG	No Credit Granted

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.

ACADEMIC POLICIES:

See www.cotr.bc.ca/policies for general college policies related to course activities, including grade appeals, cheating and plagiarism.

COURSE CHANGES:

Information contained in course outlines is correct at the time of publication. Content of the courses is revised on an ongoing basis to ensure relevance to changing educational, employment and marketing needs. The instructor endeavours to provide notice of changes to students as soon as possible. The instructor reserves the right to add or delete material from courses.