



FIRE-120 – Vehicle 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 (Vehicles Level 1). The curriculum addresses the rescue skills appropriate to passenger vehicles and non-high-risk environments. Students learn how to establish scene safety zones, stabilize vehicles and machinery, isolate potentially harmful energy sources, and help to remove and transport a victim to a safe area. 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	10
Seminar/Tutorials	
Laboratory/Studio	

Practicum/Field Experience	30
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 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:

Vehicle Extrication Levels 1 & 11; Principles and Practice. Jones & Bartlett Learning.

Learning Outcomes:

- plan for a vehicle incident using agency guidelines and operational procedures;

- establish safety zones and fire protection given an incident following all necessary requirements; and
- perform requirements related to vehicle rescue such as determining vehicle access, creating access openings, disentangling victim(s), and removing packaged patient(s).

Course Topics:

- Responder safety while responding to operating at and demobilizing from rescue incidents.
- Modern vehicle and machinery technology and the associated challenges of safely mitigating harmful energy sources and other associated hazards.
- Managing the challenges of creating access openings given the engineered structural strength of modern vehicle and machinery construction.
- Utilizing modern vehicle extrication techniques that allow for safe, simple and effective disentanglement and removal of patient(s).

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:

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

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
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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.