COLLEGE OF
THE ROCKIES

FIRE-135 – Rope Rescuer (Awareness/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 5, 2021 Edition. Designed for both fire department personnel and private industry, this course provides responders with an understanding of incidents involving technical rope rescue. This course teaches the responder how to package and rescue patients using rope 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:

Rope Rescue Techniques Principles & Practice 5th Edition, (Jones and Bartlett)

Learning Outcomes:

- Establish scene safety zones
- Select and use PPE
- Size up an incident
- Recognize incident hazards and initiate isolation procedures
- Recognize the need for technical rescue resources at an operations- or technician-level incident
- Maintain hazard-specific PPE and rescue equipment
- Demonstrate knots, bends, and hitches
- Construct, operate, and perform system safety checks on anchor systems, raising

systems, lowering systems, and belay systems
- Direct a lowering operation in a high-angle environment
- Direct a team in the operation of a simple rope mechanical advantage system in a high angle raising operation
- Prepare for transfer of victims
- Direct a litter-lowering and litter-raising operation in a low-angle environment
- Operate as a litter tender in a low angle lowering or raising operation
- Direct a litter-lowering or litter-raising operation in a high-angle environment
- Terminate a technical rescue operation

Course Topics:

- Becoming a Rope Rescuer
- Sizing-up a Rope Rescue Incident
- Hazards Associated with Rope Rescues
- Initiating a Response
- Managing rope Rescue Incidents
- Hazard Specific PPE
- Rescue Systems and Equipment
- Ropes, Knots, Bends and Hitches
- Anchors and Rigging
- Fall Protection and Belays
- Patient Evacuation
- Raising and Lowering Systems
- Working While Suspended

Evaluation and Assessments

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

Assessment Type	% of Total Grade
Written examination	50%
Practical examination	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.