



ATBO-114 – Wilderness First Aid

Business

Effective Term & Year: Fall 2026

Course Outline Review Date: 2031-04-01

Program Area: Tourism, Recreation, & Hospitality

Description:

The wilderness first aid (WFA) course covers in-depth principles in medical and legal aspects relative to injury prevention and care, including: regulations; legislation; contagious/infectious disease; assessment; communication; anatomy and physiology; airway management; respiratory emergencies; cardiac arrest; circulatory; soft tissue and wound management; injuries to eyes, ears, nose, and throat; burns; poisons; and environmental emergencies including other considerations in wilderness survival. This WFA course meets the certification requirements for adventure guides working in the adventure tourism industry. Dependent on the delivery partner at time of course offering, the specific industry certification received upon completion may be an 'Advanced Wilderness First Aid', a "Wilderness First Responder, or a "Non-Urban Emergency Care – Advanced."

Program Information:

This course is being run in conjunction with an approved adventure tourism industry first aid training provider.

Delivery Methods: On-campus (Face-to-Face)

Credit Type: College of the Rockies Credits

Credits: 3

Instructional Activity and Hours:

Activity	Hours
Classroom, Directed Studies or Online Instruction	40
Seminar/Tutorials	
Laboratory/Studio	
Practicum/Field Experience	40
Co-op/Work Experience	
Other	
Total	80

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, 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:

Access to online learning materials will be provided for enrolled students. No textbook is required.

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

- explain the medical and legal aspects relative to injury prevention and emergency care in an outdoors or wilderness setting including regulations and legislation;
 - evaluate the impact the environment can have on emergency care in wilderness settings;
 - assess and control an accident scene to ensure the safety of both the first aid attendant and the casualty; and
 - recognize and care for a range of specific injuries, medical emergencies and environmental emergencies.
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Course Topics:

- Introduction and Principles
- Situation Assessment – Wilderness Implications
- Basic Anatomy and Physiology
- Airway Management
- Other Respiratory Emergencies
- Cardiac Arrest
- Circulatory Emergencies
- Soft Tissue Injuries and Wound Management
- Injuries to Eyes, Ears, Nose, Throat
- Burns
- Musculo-Skeletal System
- Musculo-Skeletal/CNS Injuries – Head, Neck, Back
- Medical Emergencies
- Poisons, Stings, Bites
- Environmental Emergencies
- Mass Casualty Incidents
- Extrication and Rescue
- Other Considerations

See instructor's syllabus for the detailed outline of weekly readings, activities and assignments.

Evaluation and Assessments

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

Assessment Type	% of Total Grade
Written Exams	30%
Continuous Evaluations	40%

Practical Testing	30%
Total	100%

Grade Scheme

COM	NCG
Completed to the minimum defined standard	No credit granted – less than minimum defined standard

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)

Equivalent Course(s) and Course Code Changes

Equivalent Course: Students who have received COTR credit for ATBO 114 may not receive additional credit for MAST 150.

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.

