



ATBO-230 – Swift Water Rescue Technician

Business

Effective Term & Year: Fall 2022

Course Outline Review Date: 2027-03-01

Program Area: Tourism, Recreation, & Hospitality

Description:

This course covers river rescue principles and techniques as they apply to canoes, kayaks, rafts and other personal watercraft designed for river use. Topics include river and rescue terminology, basic rescue theory and equipment, drowning, hypothermia, moving water rescues, and rope systems. This is delivered by ATBO in conjunction with Rescue Canada. Successful students receive industry certification through Rescue Canada.

Program Information:

This course is an elective course of the Adventure Tourism Business Operations Diploma program. It is typically taken in the second year of ATBO studies.

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

Credit Type: College of the Rockies Credits

Credits: 2

Instructional Activity and Hours:

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

Other

Total	40
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Course Requisites:

None

Flexible Assessment: No

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:

Learning materials will be provided by the course provider

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:

- communicate using river, hydrology, and rescue terminology, as well as hand and whistle signals;
- swim efficiently in moving water and perform contact rescues and tows on victims in distress;

- perform a variety of shallow water crossings, and wading rescues;
- perform a variety of non-rope rescues and basic rope rescues and demonstrate competency with the use of a throw rope bag; and
- go to the aid of others without putting one's own or any other group member's health or safety in jeopardy.

This course should help students:

- develop confidence and self-reliance in the swift water environment;
- develop rescue capabilities in the swift water environment;
- develop group management skills;
- develop hazard evaluation skills; and
- develop critical thinking skills.

Course Topics:

- Swiftwater rescue philosophy
- Swiftwater hydrodynamics
- Swiftwater morphology
- River hazards
- River swimming
- Throw bags
- River communication
- Personal protective equipment
- Medical and health issues
- River wading
- Foot and body entrapments
- Rescue PFD
- Swiftwater rescue knots
- Subject profiles
- Swiftwater command

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
Movement Skills	40%
Technical Skills	30%
Safety Skills	30%
Total	100%

Grade Scheme

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

No pass requirements available.

Evaluation Notes Comments:

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

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 2.4.8 Academic Performance
- Policy 2.5.3 Grade Appeal
- Policy 2.4.9 Student Concerns Re Faculty

Equivalent Course(s) and Course Code Changes

Equivalent Course: Students who have received COTR credit for ATBO 230 may not receive additional credit for MAST 165.

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.

