



MAST-165 – Swiftwater Rescue Technician 3

Business

Effective Term & Year: Fall 2022

Course Outline Review Date: 2025-03-01

Program Area: Tourism, Recreation, & Hospitality

Description:

This four-day intensive certification course develops the student's abilities to react correctly in a river rescue situation. Students learn to be comfortable in moving water and have a basic understanding of moving water principles while practicing proven river rescue techniques for canoeists, kayakers, rafters and rescue personnel.

Program Information:

This is a recommended river rescue certification course.

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	8
Seminar/Tutorials	
Laboratory/Studio	
Practicum/Field Experience	24
Co-op/Work Experience	
Other	
Total	32

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:

Rescue Canada SRT 3 Manual

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 swiftwater dynamics and hydraulics;
- swim swiftwater safely, self-rescue;
- rescue endangered persons from the water, contact rescue using basic equipment and techniques;
- describe guide responsibility, liability and negligence;
- describe swiftwater related physiology;
- demonstrate simple rope applications;
- demonstrate boat based rescues;
- demonstrate communications systems;
- demonstrate swiftwater rescue team organization; and
- solve real life swiftwater rescue scenarios.

Course Topics:

- Swiftwater dynamics and hydraulics
- Swiftwater safely, self rescue
- Contact rescue using basic equipment and techniques
- Guide responsibility, liability and negligence
- Swiftwater related physiology
- Simple rope applications
- Boat based rescues
- Communications systems
- Swiftwater rescue team organization
- Swiftwater rescue scenarios

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
Students are required to perform the following skills: graded as	
1. Swim class 3 whitewater (minimum of 6)	15%
2. Throw bag to victim in water (minimum of 6)	20%
3. Contact rescue, tow (minimum of 6)	10%
4. Victim profile decisions (minimum of 6)	10%
5. Anchor, mechanical advantage system (minimum of 6)	10%
6. Written Exam – must acquire minimum of 70% on exam	35%
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 2.4.3 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

Equivalent Course(s) and Course Code Changes

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

Prior Course Code: SERS 119 Swiftwater Rescue >> MAST 165 Swiftwater Rescue Technician 3

Date changed: March 2009

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.