



Swiftwater Rescue Technician 3 – MAST 165 Mountain Adventure Skills Training Program

Course Outline

COURSE IMPLEMENTATION DATE: January 2003
OUTLINE EFFECTIVE DATE: September 2020
COURSE OUTLINE REVIEW DATE: March 2025

GENERAL COURSE 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: This course is delivered face-to-face.

COTR Credits: 2

Hours for this course: 32 hours

Typical Structure of Instructional Hours:

Instructional Activity	Duration
Lecture Hours	8
Seminars / Tutorials	
Laboratory / Studio Hours	
Practicum / Field Experience Hours	24
Other Contact Hours	
Total	32

Practicum Hours (if applicable):

Type of Practicum	Duration
On-the-job Experience	N/A
Formal Work Experience	N/A
Other	24
Total	24

Course Outline Author or Contact:

Sarah Osberg, MAST Program Coordinator/Instructor

Signature

APPROVAL SIGNATURES:

Department Head
Erin Aasland Hall
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Dean of Business and University Studies
Darrell Bethune
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Department Head Signature

Dean Signature

EDCO

Valid from: September 2020 – March 2025

Education Council Approval Date

COURSE PREREQUISITES AND TRANSFER CREDIT:

Prerequisites: None

Corequisites: None

Flexible Assessment (FA): Prior River Rescue Certification

Credit can be awarded for this course through FA Yes No

Learners may request formal recognition for flexible assessment at the College of the Rockies through one or more of the following processes: External Evaluation, Worksite Assessment, Demonstration, Standardized Test, Self-assessment, Interview, Products/Portfolio, Challenge Exam. Contact an Education Advisor for more information.

Transfer Credit: For transfer information within British Columbia, Alberta and other institutions, please visit <http://www.cotr.bc.ca/Transfer>.

Students should also contact an academic advisor at the institution where they want transfer credit.

Prior Course Number: SERS 119 Swiftwater Rescue
New Course Number: MAST 165 Swiftwater Rescue Technician 3
Date changed: March 2009

Textbooks and Required 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

<http://go.cotr.bc.ca/tuition/tCalc.asp> 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.
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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 ASSESSMENT (Face-to-Face Delivery):

Assignments	% 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	<u>35%</u>
Total	100%

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 POLICY:

Students must attend all required scheduled exams that make up a final grade at the appointed time and place.

Individual instructors may accommodate for illness or personal crisis. Additional accommodation will not be made unless a written request is sent to and approved by the appropriate Department Head prior to the scheduled exam.

Any student who misses a scheduled exam without approval will be given a grade of "0" for the exam.

COURSE GRADE:

COM	Completed to defined standard – 70%
NCG	No Credit Granted

Note: Students must attend all lecture and planning classes and complete 4 of 5 field days to complete the standard.

ACADEMIC POLICIES:

See www.cotr.bc.ca/policies for general college policies related to course activities, including grade appeals, cheating and plagiarism.

COURSE CHANGES:

Information contained in course outlines is correct at the time of publication. Content of the courses is revised on an ongoing basis to ensure relevance to changing educational, employment and marketing needs. The instructor will endeavour to provide notice of changes to students as soon as possible. The instructor reserves the right to add or delete material from courses.