



## Whitewater Raft Guide Training 1 – MAST 145

### Mountain Adventure Skills Training Program

### Course Outline

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

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#### GENERAL COURSE DESCRIPTION:

This course prepares the student for employment in the BC Rafting Industry. Students will learn how to read whitewater, manage a team in the raft, perform river rescues, rig a raft and to maneuver a raft in up to class 3 water.

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**Program Information:** This course is required for graduation and is the prerequisite for MAST 166 Whitewater Raft Guide Training 2.

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**Delivery:** This course is delivered face-to-face.

**COTR Credits:** 2

**Hours for this course:** 40 hours

#### Typical Structure of Instructional Hours:

Instructional Activity	Duration
Lecture Hours	
Seminars / Tutorials	
Laboratory / Studio Hours	
Practicum / Field Experience Hours	40
Other Contact Hours	
<b>Total</b>	40

#### Practicum Hours (if applicable):

Type of Practicum	Duration
On-the-job Experience	N/A
Formal Work Experience	N/A
Other: Field Experience	40
<b>Total</b>	40

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**Course Outline Author or Contact:**

Sarah Osberg, MAST Program Coordinator/Instructor

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Signature

**APPROVAL SIGNATURES:**

Department Head  
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Department Head Signature

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EDCO

Valid from: September 2020 – March 2025

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Education Council Approval Date

**COURSE PREREQUISITES AND TRANSFER CREDIT:**

**Prerequisites:** MAST 165

**Corequisites:** None

**Flexible Assessment (FA):** If you are seeking prior credit for this course, evidence of your learning achievement may include:

1. BC Raft Guide Certificate or prior employment as a raft guide in BC.

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:** MASD 215 Whitewater Rafting Section A & B

**New Course Number:** MAST 145 Whitewater Raft Guide Training 1

**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:

Jeff Bennett, (1996). *The Complete Whitewater Rafter*, Ragged Mountain Press, Camden Maine, British Columbia.

River Rafting Guide Certification Manual, 2002. Registrar of Commercial River Rafting, Province of British Columbia.

*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.*

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## **LEARNING OUTCOMES:**

Upon the successful completion of this course, students will be able to

- identify river dynamics;
  - identify and utilize all rafting equipment, related safety gear and clothing;
  - demonstrate river rescue techniques and self-rescue techniques; and
  - maneuver the raft in up to class 2/3 water using oar and paddle strokes.
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## **COURSE TOPICS:**

- Dynamics of moving water including water mechanics, current types, volume, gradient, obstacles, hazards, types of waves, types of holes and rapid classifications
- Raft materials, designs, valves, tie in points, accessories, repair equipment and procedures, oars, oar frames, paddles, ropes, lifejackets, wet suits, helmets and footwear
- Maneuvering the raft in class 2 water using paddle strokes and commands
- Entering and exit eddies using oar and paddle strokes
- Rescue of an endangered person from the raft and from shore
- Offensive swimming techniques in moving water
- Throw bags and rope throwing

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

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## EVALUATION AND ASSESSMENT (Face to Face Delivery):

Assignments	% Of Total Grade
Class Attendance & Participation	10%
Students will be evaluated on their rafting skills throughout the course	45%
Students will be evaluated throughout the course on their overall attitude, skill acquisition, participation and attention to safety	<u>45%</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.*

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### 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.

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### COURSE GRADE:

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

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### ACADEMIC POLICIES:

See [www.cotr.bc.ca/policies](http://www.cotr.bc.ca/policies) for general college policies related to course activities, including grade appeals, cheating and plagiarism.

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### 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.