



Whitewater Raft Guide Training 2 – MAST 166 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:

Building upon Whitewater Raft Guide Training 1, this course gives students advanced skills and maneuvers in rivers up to Grade 3. Students refine river reading skills, work as a team and learn advanced guiding skills. Students develop leadership skills to coach and command a raft crew in preparation for meeting the qualifications required by the BC Rafting Outfitters Association. Multiple days on the Elk and Bull rivers develop strong team rafting skills as well as safety and risk management practices.

Program Information: This course is an elective running concurrently with MAST 167 Introduction to Whitewater Kayaking.

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	
Total	40

Practicum Hours (if applicable):

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

Course Outline Author or Contact:

Sarah Osberg, MAST Program Coordinator/Instructor

Signature

APPROVAL SIGNATURES:

Department Head
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Department Head Signature

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EDCO

Valid from: September 2020 – March 2025

Education Council Approval Date

COURSE PREREQUISITES AND TRANSFER CREDIT:

Prerequisites: MAST 145

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

1. BC Raft Guide Certificate

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 166 Whitewater Raft Guide Training 2

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.

LEARNING OUTCOMES:

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

- identify and interpret river dynamics;
 - identify and utilize all rafting equipment, related safety gear and clothing;
 - demonstrate competence in rigging the raft to prepare it for river travel;
 - demonstrate river rescue techniques and self-rescue techniques;
 - demonstrate control in maneuvering the raft in up to class 3 water using oar and paddle strokes;
 - deliver a Safety talk as outlined in the BC River Rafting Guide Certification Manual; and
 - demonstrate competence in coaching/commanding 'clients' in specified paddle strokes to assist movement of raft in desired direction.
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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 3 water using back rowing, portegee, turning and ferrying maneuvers
- Entering and exit specified eddies using oar and paddle strokes
- Offensive swimming techniques in moving water
- Throw bags and rope throwing
- Leadership skills in simulated rescue scenarios
- Safety talk as outlined in the BC River Rafting Guide Certification Manual
- Maneuvering raft using advanced techniques such as: ferrying, staying parallel, turns and sideslips, eddy maneuvers, lining, scouting, righting a capsized raft

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
Class Attendance & Participation	10%
Students will be evaluated on their advanced 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%

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
NCG	No Credit Granted

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.