



Occupational First Aid Level 3 – MAST 150 Mountain Adventure Skills Training Program

Course Outline

COURSE IMPLEMENTATION DATE: January 2003
OUTLINE EFFECTIVE DATE: September 2019
COURSE OUTLINE REVIEW DATE: March 2024

GENERAL COURSE DESCRIPTION:

This in depth first aid course is a prerequisite for employment with the BC Ambulance Service, many ski patrols and some Fire / Police Departments. It covers the basics of airway, breathing and circulation - includes how to deal with obstructed airways, breathing distress, bleeding control, shock and one and two person CPR. In addition, continuing patient assessment, hard collar application, securing a patient to a spine board, upper and lower limb splinting and minor wound care are covered. Completion of records and reports are an integral part of the course. The course covers basic to advanced life support and first aid scenario skills.

Program Information: This course or MAST 151 is required for the completion of the MAST certificate.

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

COTR Credits: 2

Hours for this course: 80 hours

Typical Structure of Instructional Hours:

Instructional Activity	Duration
Lecture Hours	80
Seminars / Tutorials	
Laboratory / Studio Hours	
Practicum / Field Experience Hours	
Other Contact Hours	
Total	80

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:

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Department Head Signature

Dean Signature

EDCO

Valid from: September 2019– March 2024

Education Council Approval Date

COURSE PREREQUISITES AND TRANSFER CREDIT:

Prerequisites: None

Corequisites: None

Flexible Assessment (FA):

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 122 Occupational First Aid Level 3

New Course Number: MAST 150 Occupational First Aid Level 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:

Worksafe BC Occupational First Aid Level 3 text and workbook, Workers Compensation Board of BC, 2012, Prepared by Certification Services.

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

- perform priority action approach, identify the need for and manage, critical interventions of airway and respiratory emergencies for conscious patients and patients with a decreased level of consciousness;
 - review environmental emergencies, poisonings and common medical emergencies;
 - identify circulatory emergencies and manage critical interventions for conscious patients and patients with a decreased level of consciousness;
 - conduct secondary survey component of the priority action approach for conscious patients and patients with a decreased level of consciousness and manage patients with head injury, spinal injury and cardiac emergencies;
 - assess, manage and identify the need for medical aid referral for hard and soft tissue injuries; and
 - assess and manage abdominal injuries, lower limb fractures and dislocations.
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COURSE TOPICS:

- Evaluate the severity of a patients injuries
- Initiate management of airway procedures
- Initiate management of respiratory procedures
- Management of circulatory emergencies
- Complete primary survey, review critical interventions
- Identify Rapid Transport Criteria
- Immobilize and package patient for rapid transport
- Complete secondary survey
- Assess and manage patients with head, spinal injury and cardiac emergency
- Perform and direct multi person direct patient lifts
- Outline the management of abdominal and pelvic injuries
- Outline lower limb fracture management
- Review environmental emergencies, poisonings, common medical emergencies
- Musculoskeletal/CNS Injuries
- Medical Emergencies
- Extrication and Rescue

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
1. Students are evaluated by practical assessments and written tests in first-aid protocol as set by Worksafe BC Occupational First Aid Level 3 course standards.	100%
2. A score of 70% is required to pass. Students will be examined by an OFA 3 provincial examiner.	

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 of Occupational First Aid Level 3 Examination - 70% on written exam and all practical elements of examination
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.