



## *Message from the Provincial Fire Commissioner*

*I am pleased to introduce the 2009/2010 edition of the Manitoba Emergency Services College course catalogue.*

*The Emergency Services College section of the Office of the Fire Commissioner is committed to continuing its work towards ensuring that the highest level of training is available to members of the Manitoba Emergency Services. This commitment is demonstrated through the ongoing development of courses to the latest standards.*

*Our reaccreditation site visit was held June 23, 24 & 25, 2009 and went very well. The Emergency Services College staff will now turn their attention to re-developing curriculum to meet all the National Fire Protection Association (NFPA) Standard changes. Our new textbook "Canadian Fire Fighter's Handbook, 1<sup>st</sup> Edition" is scheduled to come out September, 2009 so we are anxiously awaiting that. This book includes both fire fighting and hazardous materials.*

*We hope that you will take part in any of the courses being offered this year that you feel will assist you in your profession. We look forward to seeing you at the Emergency Services College.*

*DOUGLAS M. POPOWICH  
Fire Commissioner  
Province of Manitoba*

*"It's easy to make a buck.  
It's a lot tougher to make difference."  
Tom Brokaw*



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## Philosophy

With the increasing complexity of modern technology and the continuing emphasis on professionalism, it is apparent that the emergency services and related areas have evolved into a highly technical and sophisticated science requiring competently trained individuals. Aware of this situation, the Office of the Fire Commissioner, Manitoba Emergency Services College is dedicated to providing programs and services of superior quality to meet the immediate, as well as the future needs in our ever changing society and to enhance the quality of life safety to all.

## Goals

- To seek international recognition as a provider of quality education and training in the areas of Life Safety, Emergency Response and Emergency Management;
- To preserve and disseminate knowledge and skills now available in the various professional disciplines relative to the emergency services;
- To extend the boundaries of knowledge and skills through research and development;
- To plan and implement the educational programs necessary to provide individuals with the experience and competencies required to reduce the fire problem, enhance life safety and better respond to public safety issues; and
- To serve the Province and the public at large by providing educational services and counsel wherever possible.

## Changes

The Emergency Services College reserves the right to change programs and testing as industry and standards deem necessary and all fees are subject to change without notice.

## Copyright

All courses, programs and materials developed by the Office of the Fire Commissioner for the Manitoba Emergency Services College are owned and copyrighted by the Province of Manitoba. No part of any course program or material covered under this copyright may be reproduced or used in any form or by any means – graphics, electronic, or mechanical, including photocopying, recording, taping, web distribution or information storage and retrieval system without the written permission of the Office of the Fire Commissioner. All courses, programs and materials developed by the Office of the Fire Commissioner for the Emergency Services College are for the sole use of individuals authorized by the Manitoba Emergency Services College to utilize those courses, programs or materials.

The Manitoba Emergency Services College will not recognize unauthorized use of any courses, programs or materials and appropriate legal action may be undertaken.

## Policies

### Registration

Admission to all courses at the Emergency Services College is by advanced registration only on an Emergency Services College course application form (a copy of this form is available on our Website [www.firecomm.gov.mb.ca](http://www.firecomm.gov.mb.ca)) 15 working days prior to the start date of the course. The Emergency Services College reserves the right to limit access on any course to those individuals who are active in the discipline they are applying for. **WALK-IN ATTENDANCE ON THE FIRST DAY OF ANY COURSE OR APPLICATION BY TELEPHONE WILL NOT BE ACCEPTED.**

All applicants must fully complete an Emergency Services College course application form for every course applied for (one form per course). This form must be completed accurately with all pertinent information. Writing must be legible or the application will be returned to the applicant. Names will be recorded on certificates as they are received on the application form. If the certificate must be changed the certificate replacement fee will be charged. Faxed applications will be accepted but originals must be mailed.

Upon receipt of an application form, eligibility will be determined by assuring all prerequisites are met. Upon acceptance of the application, a letter of confirmation will be forwarded directly to the applicant. When a course is full, applicants are notified and their applications held in case of cancellations on that course. If there are no cancellations the applicant must re-apply for the course at a future date. Applicants must notify the College immediately if they wish to cancel their attendance on a course as a standby list is maintained on all courses. Applicants must cancel their attendance on a course 15 working days prior to the start date of the course to give an opportunity to an individual from the standby list to attend the course. Applicants who do not cancel 15 working days prior to the start date of the course will not be eligible for a refund. Applicants who are "exempt from the regular tuition fee" and do not cancel within 15 working days from the start of date of the course will be invoiced for the \$75.00 registration fee for the course. Please read the refund and cancellation policies carefully.

### Registration Fee (Applicants exempt from the regular tuition fee)

Applicants exempt from the regular tuition fee must attend the course or must cancel in writing 15 working days prior to the start date of the course. If the applicant does not attend and fails to cancel 15 working days prior to the start of the course, they or their Emergency Services Department will be invoiced for the \$75.00 registration fee. The applicant and their Emergency Services Department will not be allowed to register for any further courses or access any Emergency Services College materials until the registration fee is paid.

When a course has a standby list and an individual who is exempt from the regular tuition fee withdraws from that course after it has begun, that student or their Emergency Services Department may be invoiced for the full course tuition fee. A voluntary withdrawal (VW) will be recorded on the student's transcript. The applicant and their Emergency Services Department will not be allowed to register for any further courses or access any Emergency Services College materials until the tuition fee is paid.



## Manitoba Municipal Fire Department Members

Anyone exempt from the regular tuition fee must be an “active member” of a Manitoba Municipal Fire Department. The definition of a Municipality is “a municipality that is continued or formed under the “Municipal Act”. The definition of an “active member” of a Manitoba Municipal Fire Department is an individual who is involved in emergency responses, participates in training sessions, and is covered by Worker’s Compensation or other applicable insurance with that Municipality. The Emergency Services College reserves the right to request proof that an individual is an active member of a Manitoba Municipal Fire Department and/or proof of Worker’s Compensation or other applicable insurance. The Emergency Services College will refuse entry into any course or testing if an individual does not provide the proof requested. The Emergency Services College reserves the right to limit access on any course to those individuals who are active in the discipline they are applying for.

## Worker’s Compensation

Individuals registered on Emergency Services College courses must be covered by Worker’s Compensation with their respective Emergency Services Department. The Emergency Services College reserves the right to request proof of this coverage. Effective November, 2003 individuals not covered by Worker’s Compensation will not be allowed to register on any courses or participate in any testing with the Manitoba Emergency Services College.

## Prerequisites

All prerequisites identified at the beginning of each course outline must be completed before applying for the course. Courses taken at other educational institutions or other jurisdictions that are not Manitoba Emergency Services College courses must have a Prior Learning Assessment and Recognition done and a credit granted prior to applying for the Manitoba Emergency Services College course.

## Requisites

All requisites identified at the beginning of each course outline must be completed within 18 months of completing the course (this timeline includes all exam and re-writes of exams). If the requisites are not completed within 18 months of completing the course an incomplete (INC) will be recorded on the student’s transcript. **NO EXTENSIONS TO THIS DEADLINE WILL BE GRANTED.**

## Beards

The Emergency Services College adheres to Manitoba Regulation 217/2006 Sec 6.15(1) (b) which refers CSA Z94.4-02 Se9.1.2.1 – persons using respirators shall be clean-shaven where the face piece seals to the skin. Evaluators will not test anyone who does not comply with this regulation.

## Harassment

Harassment takes on many forms but can be generally defined as unwelcome, inappropriate, belittling or otherwise offensive remarks or behaviour directed at a person or group of persons thus creating an uncomfortable, hostile and/or intimidating learning environment. It may be a one-time event or a series of incidents and may also exist systemically as part of the learning environment.

Freedom from harassment is a fundamental right of all employees, students and clients. The Emergency Services College will not condone or tolerate harassment in any form, whether it occurs on Emergency Services College property or in relation to Emergency Services College activities. The Emergency Services College is committed to creating and supporting a learning environment which is harassment free. Individuals involved in any type of harassment will be asked to leave the course or activity immediately and may be refused entry on future courses or activities.

## Age Requirement

Anyone wishing to attend a course at the Emergency Services College must be 18 years of age. The Emergency Services College will NOT test anyone under the age of 18.

## Tuition Fees

These fees may not be applicable to active members of a Manitoba Municipal Fire Service. Tuition fees are listed with each course description or are available from the Manitoba Emergency Services College. All fees and tuitions are payable in advance to the “Minister of Finance”. Students are not registered on any course until the tuition fee is paid. Fees and tuition listed in this catalogue are subject to change without notice.

## Refund Cancellations

In order to receive a refund for tuition fees, cancellations must be received no later than 15 working days prior to the start date of the course. Notice of cancellation and a request for a refund must be in writing by mail, e-mail or fax to the Supervisor of Student Services. A \$50.00 administrative fee will be deducted from all refunds. If the Emergency Services College must cancel a course a full refund will be sent to the applicant.

## Outstanding Tuition & Fees

Students with outstanding fees will not be allowed to register on any future courses, participate in any testing and no new copies of transcripts will be issued. Certificates and transcripts that have not already been issued will be held. This may also affect the Emergency Services Department and services may be withheld from that department.

## NSF Cheques

A \$75.00 fee will be assessed to all NSF cheques.

## Transcripts

Upon completion of a course the student will receive an updated transcript for their records. All transcripts are confidential and mailed directly to the student. Requests for duplicate transcripts will be assessed a \$10.00 fee. Requests for duplicate transcripts must be received in writing by mail, e-mail, fax or in person to the Supervisor of Student Services. This fee is payable to the “Minister of Finance” and must accompany the request.



Any individual or organization requesting a copy of a student's transcript must submit an original transcript release form signed by the student (form available on our website [www.firecomm.gov.mb.ca](http://www.firecomm.gov.mb.ca)).

### Personal Information Protection & Electronic Act

Due to the "Personal Information Protection & Electronic Act (Jan.1, 2004)" course results will NOT be given to students, any other individuals or organizations by telephone. Transcripts, certificates and all other student related information is mailed directly to the student using regular mail through Canada Post. If a student requests information to be sent to them in any other way they are required to pay whatever fees may apply to this request.

### Certificate Replacement

Requests for the replacement of certificates must be received in writing by mail, e-mail or fax to the Supervisor of Student Services and will be assessed a \$15.00 fee per certificate. This fee is payable to the "Minister of Finance" and must accompany the request.

### Attendance

All Instructors are responsible for taking attendance at their courses. A listing of all accepted applicants will be compiled and a copy made available to the Instructor prior to the course. Upon completion of the course all attendance information for individuals taking the course will be returned to the Supervisor of Student Services at the Emergency Services College.

Full attendance at seminars and courses is mandatory for successful completion. All absences must be reported to the Instructor. Absences from class do not relieve a student of the responsibility for completing the work in courses and programs to the satisfaction of the instructor. If the student requires assistance from an Instructor due to an absence, there will be an hourly fee assessed for the time of the instructor. Absences of more than one day without notification to the Instructor will result in an incomplete (INC) for the course on the student transcript.

### Distance Education Courses

Students are responsible to ensure that all course work and assignments are completed prior to exams. Students will NOT be allowed to participate in any exams or testing if there is outstanding course work or assignments.

### Tardiness

Students are required to be punctual for class. Class will begin promptly at the time specified in the confirmation letter unless specific instructions from the Instructor are given to the contrary. Students arriving late may have to wait outside the classroom until the scheduled break.

### Voluntary Withdrawal

Students may voluntarily withdraw from a course at the end of the first day and receive a 50% refund of the tuition fee. Students withdrawing after the first day will NOT receive a refund and a voluntarily withdrawal (VW) will be recorded on their transcript.

Students may voluntarily withdraw from a Distance Education course at the end of the second week after the start date of the course to receive a tuition refund. Students must notify the Supervisor of Student Services in writing of their intention to withdraw. An Administrative Fee of \$150.00 plus a \$50.00 manual fee will be deducted from the refund. Students withdrawing after the second week will not receive a refund and a voluntarily withdrawal (VW) will be recorded on their transcript. Students exempt from the regular tuition fee who withdraw after the second week will be invoiced the above administration fee and manual fee.

Students may voluntarily withdraw from an On-Line course at the end of the second week after the start date of the course to receive a tuition refund. Students must notify the Supervisor of Student Services in writing of their intention to withdraw. An Administrative Fee of \$75.00 will be deducted from the refund. Students withdrawing after the second week will not receive a refund and a voluntarily withdrawal (VW) will be recorded on their transcript. Students exempt from the regular tuition fee who withdraw from an On-Line course after the second week will be invoiced the above administration fee.

Students withdrawing from the On-Line Incident Command System (ICS) 100 will be permitted a maximum of only two voluntarily withdrawals. If the student wishes to register for this course a third time they will be charged an Administration Fee of \$75.00.

Students who are not claiming a refund must still formally withdraw from any course they do not plan to complete. Failure to formally withdraw in writing from any course will result in a Fail (F) on the student's transcript. Students exempt from the regular tuition fee who do not formally withdraw in writing from a course will be invoiced for the full tuition fee and a Fail (F) will be recorded on their transcript.

Students exempt from the regular tuition fee who withdraw from a course after the course has begun will be allowed to do so only once. If the student registers for the course again and withdraws a second time they or their Emergency Services Department will be invoiced for the full tuition fee and a Fail (F) will be recorded on the student's transcript.

### Prior Learning Assessment and Recognition (PLAR)

A Prior Learning Assessment and Recognition is a process in which individuals may request an opportunity to obtain credit for other educational programs they have taken from another jurisdiction. To request a PLAR individuals must apply in writing to the Supervisor of Student Services at the Manitoba Emergency Services College and supply a copy of their certificates, the course objectives, course content and course hours. A fee of \$25.00 per hour will be assessed.

The PLAR process may require the applicant to take Manitoba Emergency Services College testing (practical and/or written). The Manitoba Emergency Services College does not issue certificates or seals for any courses that a credit has been granted for. The credit will be recorded in the student's record.



## Auditing Courses

Individuals wishing to audit courses may do so if there is space available and with the permission of the instructor. Individuals auditing a course will not be allowed to participate in discussions, practical skills or testing processes. No certificates will be issued for auditing courses. Courses that are audited cannot be used for advancing to the next level. Requests to audit a course must be forwarded in writing to the Supervisor of Student Services. There is a \$75.00 auditing fee payable to the "Minister of Finance" and must accompany the request.

## Academic Dishonesty

Dishonesty in academic matters includes cheating on assignments, aiding and abetting in the cheating, cheating on exams by use of crib notes, unauthorized retrieval of information previously stored in a computer or calculator outside the exam room, copying from another paper either before or during the exam or by any other means, theft of exams, deliberately allowing another student to copy one's work, falsifying results, buying or obtaining a paper or project and turning it in as an original, writing an exam for someone else or vice versa, unauthorized collaboration on the preparation of course work, plagiarism including the submission of the work of others, published or not, in whole or in part without acknowledgement of proper documentation. Academic misconduct will be dealt with by an immediate suspension of the student from the course and/or the Emergency Services College.

## Assignments

Assignments on courses must be completed by the due date assigned by the instructor. If the assignment is not completed by the due date and the student has not been granted an extension by the instructor the assignment will receive a Fail (F) grade and the student may be asked to leave the course. If a student is unsuccessful on an assignment they will be given one opportunity to re-do the assignment. If their second assignment is not successful they will receive a Fail (F) grade and may be asked to leave the course. Students must complete all assignments before they will be allowed to take any exams (written and practical) or participate in any labs.

## Exams

It is the responsibility of the candidate to know the method of examination and/or evaluation that is being used for courses they are registered on. Please refer to written and/or practical exam descriptions located in this course catalogue for further information.

## Accredited Exams

Written exams for any accredited level may have questions from the identified prerequisite level(s).

## Exam Challenges

The Manitoba Emergency Services College does not allow exam challenges.

## Identification at Exams

The Emergency Services College reserves the right to request picture identification from students at any exam.

## Grades & Examinations

Candidates who successfully complete a course or seminar and complete all written exams and practical testing (as outlined in each course or seminar description) will receive a certificate and an updated transcript. Please keep your certificates and transcripts in a safe place as certificates with accreditation seals on them cannot be reissued with the seal. Due to the "Personal Information Protection & Electronic Act (Jan.1, 2004)" course results will NOT be given by telephone or to any other individual or organization. Any individual or organization requesting a copy of a candidate's transcript must submit an ORIGINAL transcript release form signed by the candidate (form is available on our website [www.firecomm.gov.mb.ca](http://www.firecomm.gov.mb.ca)).

## Re-writes for Written Exams

All re-writes for written exams must be done within one (1) year after the completion of the first exam. Most courses are given two (2) re-write opportunities. Students who have not completed re-write exams during this specified time will receive a Fail (F) grade for the course that will be recorded on their transcript and will have to complete a recurrent training course or redo the course. Scheduling a re-write exam is the responsibility of the student. The Emergency Services College will determine the location of these re-write exams. **NO EXTENSIONS TO THIS ONE YEAR DEADLINE WILL BE GRANTED.**

## Re-tests for Practical Exams

Students who are unsuccessful on a practical exam may make arrangements with the Emergency Services College to be re-tested that day (if time permits) or reschedule for the next available practical exam. The Lead Evaluator shall make this determination. All re-tests for practical exams must be done within one (1) year after completion of the first practical test. Only two (2) re-test opportunities will be given. Students who have not completed or who fail all re-tests during this specified time will receive a Fail (F) grade for the course that will be recorded on their transcript and will have to complete a recurrent training course or redo the course. Scheduling a re-test for practical exams is the responsibility of the student. The Emergency Services College will determine the location of these re-test exams. **NO EXTENSIONS TO THIS ONE (1) YEAR DEADLINE WILL BE GRANTED.**

## Exam Reviews

Exam reviews must be requested in writing to the Supervisor of Student Services for the Emergency Service College. Exam reviews will not be done over the telephone.

## Exam Reassessment

Students requesting a reassessment of an exam must do so in writing to the Supervisor of Student Services for the Emergency Services College within 30 days of writing the exam. No reassessment will be done after the 30 day time period. A \$25.00 per hour fee will be assessed based on the number of hours the reassessment requires.



## Verbal Exams

All verbal exam requests must be received in writing to the Supervisor of Student Services from the Instructor. This request must outline the reason the candidate is requesting a verbal exam. The Emergency Services College reserves the right to refuse a verbal exam when the National Fire Protection Association Standard (NFPA) being certified requires the students be able to read, write and interpret information to be part of an effective emergency response team. A \$25.00 per hour fee may be assessed to the student or the organization for the cost of additional hours for the proctor or a second proctor to administer a verbal exam. This fee may be applicable to students exempt from the regular tuition fee and their Emergency Services Department may be invoiced.

## Personal Items

The Emergency Services College will not assume responsibility for loss, theft, or damage of personal items for individuals attending courses.

## Parking

Students attending courses at the Emergency Services College in Brandon must park their vehicle in the designated areas only and must display the parking pass issued to them. Students are to enter the building using entrance A or B only (south entrances off of Van Horne Avenue). The Emergency Services College will not assume responsibility for any parking tickets. When the Emergency Services College is offering courses in other locations it is the responsibility of the student to make arrangements for parking. The Emergency Services College is not responsible for parking or parking tickets when courses are offered in other locations or in Brandon.

## Classroom Demeanour

Any student, who is disrespectful, makes vulgar remarks or disrupts the class activities will be asked to leave the classroom and possibly the course. An incomplete (INC) will be recorded on their transcript and their Emergency Services Department will be notified in writing.

## Cell Telephones, Pagers, Blackberries & Electronic Devices

Students are to turn cell telephones, pagers, blackberries & electronic devices **OFF** while in class. Students refusing to do so may be asked to leave the classroom and possibly the course. An incomplete (INC) will be recorded on their transcript and their tuition will not be refunded. Students exempt from the regular tuition fee will be invoiced for the full tuition.

## Breaks

The Instructor will designate the time for breaks. Students must stay in their designated areas and are not allowed in the general office area during breaks without the Instructor's permission.

## Designated Areas

Students are to stay in their designated course areas and are not to wander around the facility or training grounds without prior authorization from an Instructor, as other courses may be going on. This can be dangerous for students and instructors. The Emergency Services College will not assume responsibility for students who do not stay in their designated areas.

## Copying

Individuals requesting copies of materials may have them done for a fee.

## Faxes

Individuals requesting to use the fax may do so for a fee.

## Telephones

Use of the office telephones is restricted to Office of the Fire Commissioner staff only or if there is an emergency. In Brandon, students must use the pay phone located in the lower level at the Emergency Services College.

## Medical Permission

For courses with strenuous practical work, students may be required to obtain permission from their doctor before participating. The Emergency Services College reserves the right to request the Medical Clearance Form (Form available on our website [www.firecomm.gov.mb.ca](http://www.firecomm.gov.mb.ca)) prior to students being allowed to participate in any training or testing. With some courses the Emergency Services College will be monitoring student's vital signs. If the instructor determines a candidate does not meet predetermined clinical criteria they will be asked to leave the course. The decision of the Emergency Services College in this type of situation will be final.

## Course Cancellations or Postponements

The Emergency Services College will cancel or postpone any course that does not meet the minimum registration 15 working days prior to the start date. If a course is affected by inclement weather or for an emergency response requiring Office of the Fire Commissioner's Staff that course may be cancelled. The Manitoba Emergency Services College is not responsible for any expenses incurred by a student if a course is cancelled.

## Dress

Dress is casual for all courses; however, students will be required to bring work clothes or a complete set of personal protective gear to specified courses. The Emergency Services College does not supply personal protective gear for any course and is not responsible for damage to any clothing or personal protective gear.



## Accommodations & Travel

Accommodations and travel are the responsibility of the individual attending the course. Hotel information can be found at [www.brandon.com](http://www.brandon.com)

## Textbooks

Courses requiring textbooks will list the textbook(s) at the end of the course description. Each student must have the textbook identified for the course or they may be asked to leave the course. The Emergency Services College does not condone the copying of textbooks or any portion of textbooks for use on Emergency Services College courses and the Emergency Services College does not purchase or loan textbooks to students.

Most textbooks are available from the following bookstores, companies or organizations:

- Annex Publishing & Printing Inc - [www.annexbookstore.com](http://www.annexbookstore.com)
- Assiniboine Community College Bookstore - [www.assiniboineec.mb.ca](http://www.assiniboineec.mb.ca)
- CAN/ULC - [http://www.ulc.ca/ABOUT\\_ULC/Order\\_STANDARDS.asp](http://www.ulc.ca/ABOUT_ULC/Order_STANDARDS.asp)
- National Fire Protection Association - <http://www.nfpa.org/catalog/category.asp?category%5Fname=Codes+and+Standards&Page=1&src=catalog>
- National Research Council - [http://www.nationalcodes.ca/ncd\\_home\\_e.shtml](http://www.nationalcodes.ca/ncd_home_e.shtml)
- Reliant Safety - [www.reliantsafety.com](http://www.reliantsafety.com)

## Definitions

NFPA – National Fire Protection Association

IFSAAC – International Fire Service Accreditation Congress

Prerequisite – required as a prior condition

Requisite – a thing that is necessary for the achievement of a specified end

## Forms

All forms are available on our website [www.firecomm.gov.mb](http://www.firecomm.gov.mb) or by contacting us at 1-888-253-1488 (toll free) or (204) 726-6855.

## Updates or Changes

Look for updates or changes on Manitoba Emergency Services College courses and programs on our website [www.firecomm.gov.mb](http://www.firecomm.gov.mb)



# PROGRAMS

## FIRE FIGHTING PRACTICES PROGRAM

[Fire Fighting Practices Level I NFPA 1001](#)  
[Fire Fighting Practices Level II NFPA 1001](#)  
[Conducting Live Fire Scenarios NFPA 1403](#)  
[Rapid Intervention Team \(RIT\)](#)  
[Industrial Fire Fighting – Incipient NFPA 1081](#)

## EMERGENCY SERVICES INSTRUCTOR PROGRAM

[Emergency Services Instructor Level I NFPA 1041](#)  
[Emergency Services Instructor Level II NFPA 1041](#)  
[Emergency Services Instructor Continuing Education](#)

## PUBLIC SAFETY PROGRAM

[Fire & Life Safety Educator I NFPA 1035](#)  
[Youth Fire Stop Seminar](#)  
[Fire Extinguisher Seminar](#)  
[Critical Incident Stress Management – Basic](#)  
[Critical Incident Stress Management – Advanced](#)

## FIRE PREVENTION PROGRAM

[Fire Inspector Level I NFPA 1031](#)  
[Fire Inspector Level II NFPA 1031](#)

## INSTITUTIONAL FIRE PROTECTION

[Fire Protection & Emergency Planning](#)

## RESCUE PROGRAM

[Rescue Practices](#)  
[Confined Space Rescue Technician NFPA 1006](#)  
[Rope Rescue Technician NFPA 1006](#)  
[Surface Water Rescue Technician NFPA 1006](#)  
[Ice Rescue Technician NFPA 1006](#)  
[Structural Collapse Level I](#)  
[Structural Collapse Level II NFPA 1006](#)  
[Trench Rescue Technician NFPA 1006](#)  
Wilderness Rescue Technician NFPA 1006 (Under Development)  
[Ground Search and Rescue - Basic](#)  
[Ground Search and Rescue – Team Leader](#)  
[Ground Search and Rescue – Search Manager](#)  
[Ground Search and Rescue – Winter Survival](#)  
[Vehicle Extrication Seminar](#)  
[Surface Water Rescue Seminar](#)  
[Ice Rescue Seminar](#)  
[Farm Accident Rescue Seminar](#)

## HAZARDOUS MATERIALS PROGRAM

[Hazardous Materials – Awareness NFPA 472](#)  
[Hazardous Materials – Operations NFPA 472](#)  
[Hazardous Materials – Technician NFPA 472](#)  
[Hazardous Materials – Incident Commander NFPA 472](#)  
[Chemical, Biological, Radiological, Nuclear & Explosives \(CBRNE\) – First Responder](#)

## DRIVER/OPERATOR PROGRAM

[Pump Operations Seminar](#)  
[Emergency Vehicle Driving Skills Seminar](#)  
[Fire Service Hydraulics Seminar](#)  
[Mobile Water Supply Seminar](#)  
[Aerial Operations Seminar](#)  
[Driver Operator - Pumper NFPA 1002](#)  
[Driver Operator - Mobile Water Supply NFPA 1002](#)  
[Driver Operator - Aerial NFPA 1002](#)

## FIRE INVESTIGATION PROGRAM

[Fire Investigation Level I](#)  
[Fire Investigation Level II](#)  
[Fire Investigation Level III](#)  
[Report Writing for Fire Investigators](#)  
[Fire Investigator NFPA 1033](#)

## MANAGEMENT PROGRAM

[Fire Officer I NFPA 1021](#)  
[Fire Officer Certification](#)  
[Fire Officer II NFPA 1021](#)  
[Incident Command 100](#)  
[Incident Command 200](#)  
[Incident Command 300](#)  
[Managing Emergency Services](#)  
[Managing Human Resources](#)  
[Risk Management – An Emergency Services Perspective](#)  
[Fire Ground Management Seminar](#)  
[Fire Department Management](#)  
[Incident Safety Officer NFPA 1521](#)

## BUILDING STANDARDS

[Municipal Building Bylaw Administration](#)  
[Part 9: The House-Building Envelope](#)  
[Part 9: The House-Health & Safety](#)  
[Part 9: Building Plumbing Inspection](#)  
[Part 9: Buildings-Structural Requirements](#)  
[Part 9: Buildings-HVAC & Fire Protection](#)  
[Part 3: Large Buildings-Classification & Construction](#)  
[Part 3: Large Buildings-Health & Safety Requirements](#)  
[Part 3: Large Buildings-Life Safety Systems](#)  
[Wood Heat Safety](#)

## EMERGENCY MEDICAL PROGRAM

[Emergency Medical Responder - Technician](#)  
[Emergency Medical Responder Refresher](#)  
[Emergency Medical Responder – Industrial](#)  
[Emergency Medical Responder – Supplement](#)  
[Primary Care Paramedic](#)  
International Trauma Life Support (ITLS)  
[Tactical Emergency Medical Support \(Under Development\)](#)

## APPLIED DISASTER AND EMERGENCY STUDIES CERTIFICATES

[Certificate of Emergency and Disaster Management](#)  
[Certificate of Applied Public Safety](#)

## EXISTING AND NEW PROGRAM AREAS

Existing and new program/course areas are always being reviewed and under development to assure present and future training is provided, consistent with the needs identified by the Manitoba Emergency Services College and any changes in national and international standards.



## ***ACCREDITATION***

The Manitoba Emergency Services College is accredited with the International Fire Service Accreditation Congress (IFSAC) to the current National Fire Protection Association (NFPA) Standards. The Emergency Services College received accreditation in 1994, was re-accredited in 1999, re-accredited in June 2004 and re-accredited in June 2009.

Accreditation is a status granted to an educational institution or program that has been found to meet or exceed standard criteria of educational quality. Voluntary self-regulation is the cornerstone on which the structure of accreditation has been built. While other agencies, public and private sometimes use the term "accreditation" historically, it refers to a voluntary activity in which institutions and programs have agreed to be judged by their peers. The most effective form of regulation comes from organizations that structure programs of peer review. The Emergency Services College currently has the following courses/programs accredited:

1. Fire Fighting Practices Level I NFPA 1001 – 2008 Edition – IFSAC
2. Fire Fighting Practices Level II NFPA 1001 – 2008 Edition - IFSAC
3. Emergency Services Instructor Level I NFPA 1041 – 2007 Edition - IFSAC
4. Emergency Services Instructor Level II NFPA 1041 – 2007 Edition - IFSAC
5. Fire Officer I NFPA 1021 - 2009 Edition - IFSAC
6. Fire Officer II NFPA 1021 – 2009 Edition - IFSAC
7. Hazardous Materials Awareness NFPA 472 – 2008 Edition – IFSAC
8. Hazardous Materials Operations NFPA 472 – 2008 Edition - IFSAC
9. Hazardous Materials Technician NFPA 472 – 2008 Edition - IFSAC
10. Hazardous Material Incident Commander NFPA 472 – 2008 Edition - IFSAC
11. Driver Operator Pumper NFPA 1002 – 2009 Edition – IFSAC
12. Aerial Apparatus NFPA 1002 – 2009 Edition - IFSAC
13. Mobile Water Supply NFPA 1002 – 2009 Edition - IFSAC
14. Fire Investigator NFPA 1033 – 2009 Edition - IFSAC
15. Fire Inspector Level I NFPA 1031 – 2009 Edition - IFSAC
16. Fire Inspector Level II NFPA 1031 – 2009 Edition - IFSAC
17. Aircraft Rescue and Fire Fighter NFPA 1003 – 2005 Edition - IFSAC
18. Confined Space Rescue Technician NFPA 1006 – 2008 Edition - IFSAC
19. Rope Rescue Technician NFPA 1006 – 2008 Edition - IFSAC
20. Surface Water Rescue Technician NFPA 1006 – 2008 Edition - IFSAC
21. Vehicle & Machinery Rescue Technician NFPA 1006 – 2008 Edition – IFSAC
22. Structural Collapse Rescue NFPA 1006 – 2008 Edition – IFSAC
23. Ice Rescue Technician NFPA 1006 – 2008 Edition – IFSAC
24. Wilderness Rescue Technician NFPA 1006 - 2008 Edition – IFSAC
25. Trench Rescue NFPA 1006 - 2008 Edition – IFSAC
26. Incident Safety Officer NFPA 1521 – 2009 Edition - IFSAC
27. Fire and Life Safety Educator I NFPA 1035 – 2005 Edition – IFSAC
28. Industrial Fire Fighting – Incipient - NFPA 1081 – 2007 Edition - IFSAC
29. Primary Care Paramedic - CMA



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***MANITOBA  
EMERGENCY  
SERVICES  
COLLEGE***

***COURSE  
DESCRIPTIONS,  
DATES  
And  
LOCATIONS***



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## Fire Fighting Practices Level I NFPA 1001 200 Hours

- Prerequisites:** Must be 18 years of age and physically and mentally capable of performing the functions of a fire fighter.
- Requisites:** Hazardous Materials Operations NFPA 472, current Standard First Aid with CPR C (16 hrs).
- Course Description:** This course is the first level in the Fire Fighting Practices Program. It is designed to provide the skills necessary to effectively perform the functions of a fire fighter and to upgrade and re-align those skills with the changing times. By the end of this course students should be able to; apply departments general operating guidelines, rules and regulations in any situations, effectively use fire department communications, perform fire ground operations necessary to ensure life safety, fire control and property conservation and, perform the activities of prevention, preparedness and maintenance to effectively reduce the loss of life and property due to fire.
- Certification:** Upon completion of all the Blocks in Level I, appropriate testing must be arranged that will evaluate a combination of knowledge and skills. Exams for Fire Fighting Level I are held at pre-determined exam sites. Students must pre-register for these exams on an Emergency Services College course application form 15 working days prior to the scheduled exam date they are planning to attend.
- Students will be issued the appropriate certificate upon successful completion of all testing components.
- Note:** Students with Manitoba Fire Departments will be recognized for successfully completing the practical skills testing and a Fire Fighting Certificate for Practical Skills can be issued.
- This level meets the current NFPA 1001 Standard (2008) for Fire Fighter and is accredited with the International Fire Service Accreditation Congress (IFSAC).
- Materials:** Fire Fighting Level I Log Book (available from the MESC), Delmar, Canadian Fire Fighter's Handbook, 1<sup>st</sup> Edition (these are required books and all fire fighters must have them).
- Cost:** Please contact the Manitoba Emergency Services College.
- Course Numbers:** Minimum: 8 Maximum: 16
- Course Dates & Locations:** This course can be offered in Manitoba either regionally or locally by qualified Instructors recognized by the Manitoba Emergency Services College (a list of these Instructors is available from the Emergency Services College).
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## Fire Fighting Practices Level II NFPA 1001 100 Hours

- Prerequisite:** Fire Fighting Practices Level I NFPA 1001 (proof of the prerequisites must be provided with the application form) and physically and mentally capable of performing the functions of a fire fighter.
- Requisites:** Vehicle Extrication, current Standard First Aid with CPR C (16 hrs.).
- Course Description:** This course is the second level in the Fire Fighting Practices Program. It is designed to provide the skills necessary to perform the functions of a fire fighter. This includes suppression technology, and typical and special fire fighting abilities. By the end of this course students should be able to assume command within an incident management system, communicate effectively using both department communication systems and incident reporting systems, perform fire ground operations necessary to ensure life safety, fire control and property conservation, perform rescue operation activities related to accessing and disentangling victims from motor vehicle accidents and helping special rescue teams and perform activities related to reducing the loss of life and property due to fire through hazard identification, inspection and response readiness.



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|                                      |   |
|--------------------------------------|---|
| <b>Certification:</b>                | Upon completion of all the Blocks in Level II, appropriate testing must be arranged that will evaluate a combination of knowledge and skills. Exams for Fire Fighting Level II are held at pre-determined exam sites. <u>Students must pre-register for these exams on an Emergency Services College course application form 15 working days prior to the scheduled exam date they are planning to attend.</u><br><br>Students will be issued a certificate upon successful completion of all testing.<br><br>This level meets the current NFPA 1001 Standard (2008) for Fire Fighter and is accredited with the International Fire Service Accreditation Congress (IFSAC). |
| <b>Materials:</b>                    | Fire Fighting Level II Log Book (available from the MESC), Delmar, Canadian Fire Fighter's Handbook, 1 <sup>st</sup> Edition (these are required books and all fire fighters must have them).   |
| <b>Cost:</b>                         | Please contact the Manitoba Emergency Services College.   |
| <b>Course Numbers:</b>               | Minimum: 8    Maximum: 16   |
| <b>Course Dates &amp; Locations:</b> | This course can be offered in Manitoba either regionally or locally by qualified Instructors recognized by the Manitoba Emergency Services College (a list of these Instructors is available from the Emergency Services College).  |

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### Conducting Live Fire Scenarios 20 Hours

|                                      |   |
|--------------------------------------|---|
| <b>Pre-requisite:</b>                | Emergency Services Instructor Level I and Fire Fighting Practices Level I.  |
| <b>Course Description:</b>           | The ongoing training of fire fighters is the cornerstone of good fire protection in today's world. However, the benefits derived from live fire training can be negated by the injuries suffered by fire fighters under unsafe and poorly supervised training conditions. This course is developed to provide recognized safe practices for conducting such training evolutions. This training will consist of reviewing and applying the NFPA 1403 Standard, preparing for and preplanning live burn training procedures, and practical application of the Standard. |
| <b>Certification:</b>                | Students will be issued the appropriate certificate upon successful completion. Full attendance and participation is mandatory for completion.  |
| <b>Materials:</b>                    | Each student must bring full approved Personal Protective Equipment (PPE).  |
| <b>Cost:</b>                         | Please contact the Manitoba Emergency Services College.   |
| <b>Course Numbers:</b>               | Minimum: 8    Maximum: 16   |
| <b>Course Dates &amp; Locations:</b> | March 18, 19 & 20, 2010 – Brandon   |

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### Rapid Intervention Team (RIT) 20 Hours

|                            |  |
|----------------------------|--|
| <b>Pre-requisite:</b>      | Fire Fighting Practices Level I.   |
| <b>Course Description:</b> | This course is designed to provide fire fighters with the necessary skills to prepare and respond to the need for rapid intervention. The course covers the equipment required, the reasons why RIT should be part of every scene, and the practical skills required to perform Rapid Intervention. The practical skills will involve responding to rescue a downed fire fighter within a structure. There will be a written and practical evaluation at the conclusion of the course. |
| <b>Certification:</b>      | Students will be issued a certificate upon successful completion. Full attendance and participation is mandatory for completion.   |



**Materials:** Delmar "Rapid Intervention Company Operations", Mason and Pindelski, Latest Edition. All students must bring their own personal protective clothing and SCBA.

**Cost:** \$360.00 (cheque payable to the Minister of Finance)

**Course Numbers:** Minimum: 8 Maximum: 16

**Course Dates & Locations:** April 19, 20 & 21, 2010 - Brandon

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### **Industrial Fire Fighting - Incipient NFPA 1081 80 – 160 Hours (hours may vary depending on site specific requirements)**

**Prerequisites:** Must be an active member of an industrial, commercial or governmental fire department, brigade or private emergency service response unit.

**Course Description:** This course is designed to provide department members with the ability to conduct fire ground operations for incipient fires at a specific site. This course shall involve initiating communications, using facility communications equipment to effectively relay oral or written information, responding to alarms, returning equipment to service and completing incident reports. As well, it will involve tasks related to the manual control of fires and property conservation activities by the incipient industrial fire brigade member. It will include the site-specific requirements that are applicable to the incipient industrial fire brigade members operating on their site. This may include hand line attack on an incipient fire, activation and operation of fixed fire suppression systems, utilization of master stream devices and the establishment of water supply for fire fighting operations and fire safety surveys and inspections.

**Certification:** Students will be issued the appropriate certificate upon successful completion of a written and a practical exam. Full attendance and participation is mandatory for completion.

This level meets the current NFPA 1081 Standard (2007) for Professional Qualifications for Incipient Industrial Fire Brigade Member and is accredited with the International Fire Service Accreditation Congress (IFSAC).

**Materials:** IFSTA, Industrial Emergency Services Training: Incipient, Latest Edition.

**Cost:** Please contact the Manitoba Emergency Services College.

**Course Numbers:** Will vary based on the site specific requirements.

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### **Emergency Services Instructor Level I NFPA 1041 40 Hours**

**Prerequisite** Active member of an Emergency Services Department (proof of membership may be requested).

**Course Description:** This course is designed to provide skills and teaching techniques for those who will be instructing emergency services courses. Areas covered are role of the Instructor, four-step method of instruction, lesson planning, objectives, learning environment, instructional techniques, principles of learning and lesson preparation. High risk teaching techniques and practical teaching sessions are emphasized.

Students are required to complete out-of-class study and preparation during the course. Students will be assigned chapters in the IFSTA Fire and Emergency Services Instructor textbook and must have these chapters read prior to the start of the course. Chapters will be assigned in the confirmation letter.

**Certification:** Students will be issued a certificate upon successful completion of a written exam and practical evaluations. Candidates must achieve 75% on the written exam and the practical evaluations.

This level meets the current NFPA 1041 Standard (2007) for Fire Service Instructor and is accredited with the International Fire Service Accreditation Congress (IFSAC).



**Materials:** IFSTA, Fire and Emergency Services Instructor, Latest Edition (this is a required book and all students must have it) and whatever textbooks students require when preparing and teaching their assignments.

**Cost:** \$360.00 (cheque payable to the Minister of Finance).

**Course Numbers:** Minimum: 8 Maximum: 12

**Course Dates & Locations:** October 26 – 30, 2009 – Brandon  
January 15, 16 & 17 and January 22, 23 & 24, 2010 – Brandon  
April 9, 10 & 11 and April 16, 17 & 18, 2010 – Winnipeg  
May 10 – 14, 2010 - Winnipeg

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## Emergency Services Instructor Level II NFPA 1041 40 Hours

**Prerequisite:** Emergency Services Instructor Level I NFPA 1041 (Certified).

**Course Description:** This course is designed to provide Instructors with a more in-depth knowledge of the instructional process, and testing and evaluating skills. This course will cover areas of identifying training problems, learner types, developing a training plan, planning the instruction, presenting lessons, teamwork communications, domains of learning and testing and evaluating procedures. Students are required to complete out-of-class study and preparation during the course. Students will be assigned chapters in the IFSTA Fire and Emergency Services Instructor textbook and must have these chapters read prior to the start of the course. Chapters will be assigned in the confirmation letter.

**Certification:** Students will be issued a certificate upon successful completion of a written exam and practical evaluations. Candidates must achieve 75% on the written exam and the practical evaluations.

This level meets the current NFPA 1041 Standard (2007) for Fire Service Instructor and is accredited with the International Fire Service Accreditation Congress (IFSAC).

**Materials:** IFSTA, Fire and Emergency Services Instructor, Latest Edition (this is a required book and all students must have it) and whatever textbooks students require when preparing and teaching their assignments.

**Cost:** \$360.00 (cheque payable to the Minister of Finance).

**Course Numbers:** Minimum: 8 Maximum: 12

**Course Dates & Locations:** February 22 – 26, 2010 – Brandon

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## CERTIFIED INSTRUCTOR STATUS

To apply for the “Certified Instructor Status” an instructor must have instructed with a Manitoba Emergency Services Department for one year following Emergency Services Instructor Level I course. Provide a copy of the Emergency Services Instructor Logbook verifying a minimum of 30 hours of instruction within Manitoba Emergency Services College program areas. Complete the “Certified Instructor Status” form available our website [www.firecomm.gov.mb](http://www.firecomm.gov.mb) and submit this form with the Logbook and Attestation of instruction form to the Supervisor of Student Services at the Manitoba Emergency Services College. Instructors must have Certified Instructor Status to proceed to Emergency Services Instructor Level II or any of the Lead Instructor areas. There will be no exceptions to this requirement.

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## Emergency Services Instructor Continuing Education Seminar 8 Hours

- Prerequisite:** Current Emergency Services Instructor Level I or Level II.
- Course Description:** This seminar will provide instructors with updated information on course administration and teaching techniques as well as provide instructors with the opportunity to network with other instructors. Candidates will be required to teach and perform selected skills from the fire fighting or medical programs.
- Certification:** Candidates will be issued a certificate upon successful completion. Full attendance is mandatory for completion.
- Materials:** Fire program candidates must bring their own personal protective clothing.
- Cost:** \$165.00 (cheque payable to the Minister of Finance).
- Course Numbers:** Minimum: 8 Maximum: 40
- Course Dates & Locations:** This seminar is currently under review. Dates to be announced.

*As of April, 1997 all Emergency Services Instructors must attend one Emergency Services Instructor Continuing Education Seminar and teach a minimum of 30 hours every three (3) years to remain a current Emergency Services Instructor.*

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## Fire and Life Safety Educator I NFPA 1035 36 Hours

- Prerequisite:** None.
- Course Description:** This course is designed to provide the skills necessary to deliver and co-ordinate Fire and Life Safety Education at various levels within a community.
- This course will outline the curriculum development process and give general guidelines for planning successful presentations. It will familiarize you with information on what motivates people to learn and how people learn differently. Other topics will include learning characteristics of different age groups, educational materials selection and program evaluation, working co-operatively with other community agencies, finding and using resources and working with the media. Students are required to complete out-of-class study and preparation during the course. Students must read the IFSTA Fire and Life Safety Educator, Latest Edition, prior to the start of class.
- Certification:** Candidates will be issued a certificate upon successful completion of a written exam and practical evaluation. Candidates must achieve 75% on each the written exam and practical evaluation.
- This level meets the current NFPA 1035 Standard (2005) for Fire and Life Safety Educator and is accredited with the International Fire Service Accreditation Congress (IFSAC).
- Materials:** IFSTA, Fire and Life Safety Educator, Latest Edition (this is a required book and all students must have it).
- Cost:** \$360.00 (cheque payable to Minister of Finance).
- Course Numbers:** Minimum: 8 Maximum: 12
- Course Dates & Locations:** November 16 - 20, 2009 – Brandon  
February 1 – 5, 2010 – Brandon  
March 1 – 5, 2010 – Brandon
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## Youth Fire Stop Seminar

### 16 Hours

**Prerequisite:** Must provide a letter of support from the Local Fire Authority and be highly interested and self-motivated.

**Course Description:** This seminar is designed to provide emergency services personnel, teachers, law enforcement, youth court officials, social workers, psychologists, and mental health workers with the latest information on assessment and effective management of youth fire setting. The seminar emphasizes a broadening of the knowledge base concerning children who set fires. At the conclusion of the program, the participants will have been exposed to specific, proven assessment tools and intervention strategies to deal with youth fire setting behaviour.

**Certification:** Candidates will be issued a Certificate of Attendance upon successful completion. Full attendance is mandatory for completion.

**Materials:** Required materials supplied.

**Cost:** \$200.00 (cheque payable to the Minister of Finance)

**Course Numbers:** Minimum 12      Maximum 50

**Course Dates & Locations:** November 21 & 22, 2009 – Thompson  
March 6 & 7, 2010 – Winnipeg

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## Critical Incident Stress Management - Basic

### 16 Hours

**Prerequisite:** None.

**Course Description:** Basic CISM is available to any persons interested in knowing more about crisis intervention strategies for emergency personnel. This Basic CISM course assists candidates in developing and managing a CISM team. The two-day course prepares peer support personnel from the emergency services and mental health professionals to provide a variety of crisis services for distressed emergency personnel. The services described in the training include among others, pre-incident education, defusing, demobilizations and debriefings.

**Certification:** Candidates will be issued a Certificate of Attendance upon successful completion. Full attendance is mandatory for completion.

**Materials:** Required materials supplied.

**Cost:** \$200.00 (cheque payable to the Minister of Finance).

**Course Numbers:** Maximum: 50

**Course Dates & Locations:** September 1 & 2, 2009 – Winnipeg  
September 23, 24 & 25, 2009 – Brandon\*  
\*(this course in Brandon will be combined with Community Trauma Postvention and the cost for it will be \$300.00)  
October 3 & 4, 2009 – The Pas  
October 27 & 28, 2009 – Winnipeg  
November 18, 19 & 20, 2009 – Thompson\*  
\*(this course in Thompson will be combined with Community Trauma Postvention and the cost for it will be \$300.00)  
December 5 & 6, 2009 – Dauphin  
January 9 & 10, 2010 – Gimli  
February 6 & 7, 2010 – Beausejour

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## Critical Incident Stress Management - Refresher

### 8 Hours

|                                      |   |
|--------------------------------------|---|
| <b>Prerequisite:</b>                 | Critical Incident Stress Management – Basic.  |
| <b>Course Description:</b>           | This one day refresher is a review of the Critical Incident Stress Management – Basic course. This course will provide students with a review of the basic knowledge and skills used in CISM responses. There are occasions when team members do not have the opportunity to use their knowledge and skills on a regular basis. This one day refresher provides an opportunity to practice through role plays the skills required to conduct defusings and debriefings. |
| <b>Certification:</b>                | Candidates will be issued a Certificate of Attendance upon successful completion. Full attendance is mandatory for completion.  |
| <b>Materials:</b>                    | Required materials supplied.  |
| <b>Cost:</b>                         | \$80.00 for non-team members (cheque payable to the Minister of Finance)<br>[tuition fee may be waived for active members of Manitoba's CISM Teams].  |
| <b>Course Numbers:</b>               | Maximum: 50   |
| <b>Course Dates &amp; Locations:</b> | March 20, 2010 – Selkirk<br>April 10, 2010 – Dauphin<br>May 22, 2010 – Portage la Prairie   |

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## Critical Incident Stress Management - Advanced

### 16 Hours

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|--------------------------------------|--|
| <b>Prerequisite:</b>                 | Critical Incident Stress Management – Basic.   |
| <b>Course Description:</b>           | <p>This Advanced CISM training program has been designed to provide mental health clinicians and peer support personnel with the latest information on the assessment and effective treatment of critical incident stress and post-trauma syndromes. At the conclusion of this program the students will have been exposed to specific, proven strategies to intervene with those suffering the ill effects of their exposure to trauma.</p> <p>Areas covered in this course will be Nature of Human Stress, Stressors and Traumatic Stress, Symptoms of Excessive Stress, Stress Related Diseases, Stress Management, Recovering from Excessive Stress, Nature of Post Traumatic Syndrome: A Rationale of CISM, Early Warning Signs and Symptoms of PTSD, A Rationale of CISM, Why CISM Works, Role of CISM in Prevention of PTSD, CISM vs. Psychotherapy, Current Thinking on CISM, Spousal Education, Significant Other Team Members, Expanded Role of Peer Support Personnel, Preserving the CISM Team Members, Lessons Learned from CISM, Difficult Debriefings, Multiple Line of Duty Deaths, Symbolic Debriefings, Multiple Incident Debriefings.</p> |
| <b>Certification:</b>                | Candidates will be issued a Certificate of Attendance upon successful completion. Full attendance is mandatory for completion.   |
| <b>Materials:</b>                    | Required materials supplied.   |
| <b>Cost:</b>                         | \$200.00 (cheque payable to the Minister of Finance)   |
| <b>Course Numbers:</b>               | Maximum: 50  |
| <b>Course Dates &amp; Locations:</b> | September 26 & 27, 2009 – Brandon<br>November 12 & 13, 2009 – Brandon<br>January 23 & 24, 2010 – Dauphin<br>February 20 & 21, 2010 – Winnipeg  |

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## Community Trauma Postvention 16 Hours

|                                      |  |
|--------------------------------------|--|
| <b>Prerequisite:</b>                 | None   |
| <b>Course Description:</b>           | <p><i>"When bad things happen to good communities."</i> Many communities in Manitoba, as in other parts of North America, have experienced major traumatic events, caused by natural or human factors (e.g. forest fires, floods, murders, plane crashes, etc.). One such event is the impact of September 11<sup>th</sup>, 2001. These events which are usually outside the range of usual human experience, can change the basic assumptions most people hold about the world -<i>"It is a safe world, things that happen make sense, and we have control over what happens to us"</i> – are shattered. A traumatic event has a profound effect upon these fundamental assumptions – destroying our sense of safety and confronting us with the terror of our own vulnerability. When these events occur they can severely tax the community's ability to recover or return to some level of homeostasis.</p> <p>Many healthy communities struggle with overcoming these events and do so with various levels of success. However, in many of these situations the community's natural helping systems may either be non-existent (as in transient or unstable communities) or severely disrupted due to the nature of the event. In these cases, there is a potential for communities and individuals to experience long lasting difficulties in social and family functioning. At the individual level, these events can potentially lead to acute stress disorder, post traumatic stress disorder, addictions, domestic problems and problems in living. This two-day course will examine how trauma affects individuals within a community and will describe a "psychological first aid" model to help a community cope with these events and the aftermath.</p> |
| <b>Certification:</b>                | Students will be issued a Certificate of Attendance upon successful completion. Full attendance is mandatory for completion.   |
| <b>Materials:</b>                    | Required materials supplied.   |
| <b>Cost:</b>                         | \$200.00 (cheque payable to Minister of Finance).  |
| <b>Course Numbers:</b>               | Maximum: 50  |
| <b>Course Dates &amp; Locations:</b> | September 23, 24 & 25, 2009 – Brandon*<br>*(this course in Brandon will be combined with Critical Incident Stress – Basic and the cost for it will be \$300.00)<br>November 18, 19 & 20, 2009 – Thompson*<br>*(this course in Thompson will be combined with Critical Incident Stress – Basic and the cost for it will be \$300.00)  |

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## Rescue Practices 20 Hours

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|--------------------------------------|---|
| <b>Prerequisite:</b>                 | Incident Command 100, current Standard First Aid with CPR C (16 hrs).   |
| <b>Course Description:</b>           | This course is designed to prepare emergency services personnel with the skills to enter into other rescue specialities. Students will learn to operate under a recognized command structure, perform basic rescue skills, identify specific equipment and learn proper maintenance procedures. |
| <b>Certification:</b>                | Students will be issued a Certificate upon successful completion of a written exam and demonstrated practical skills. Full attendance is mandatory for completion.  |
| <b>Materials:</b>                    | Rope Rescue Manual for Fire Rescue Services, Latest Edition.  |
| <b>Cost:</b>                         | \$360.00 (cheque payable to Minister of Finance).   |
| <b>Course Numbers:</b>               | Minimum: 8    Maximum: 12   |
| <b>Course Dates &amp; Locations:</b> | December 4, 5 & 6, 2009 – Brandon   |

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## Rope Rescue Technician NFPA 1006 40 Hours

- Prerequisite:** Incident Command 100, Rescue Practices, Hazardous Materials Awareness NFPA 472 and current Emergency Medical Responder (EMR) [proof must be provided with application]. Attendance is restricted to persons having statutory authority/responsibility for this type of response with their Emergency Services Department. A letter of verification may be required. The Manitoba Emergency Services College reserves the right to limit acceptance to those individuals who demonstrate an active involvement in this type of response with their Emergency Services Department. Must be comfortable working at elevated heights.
- Course Description:** This course is for emergency response personnel who will be required to work in any environment that requires a high level of technical rope skills and knowledge. The student will learn a high level of personal rope skills as well as learn the skills to be fully functional as a member of a technical rope rescue team. The student will learn to assess and construct single and multi-point anchor systems, construct belay systems and recognize their benefits, rappel using various devices and manoeuvre around obstacles, change over from rappel to ascending and vice-versa on a fixed rope system, operate as a member of a low angle rope rescue team and a high angle rope rescue team, perform rappel pick-offs, operate raising and lowering systems, prepare and package patients and move them in the high angle environment.
- Certification:** Students will be issued a certificate upon successful completion of a practical exam of their skills and an evaluation of their team performance skills. Full attendance is mandatory for completion.
- This course meets the NFPA 1006 Standard (2008) for Rescue and is accredited with the International Fire Service Accreditation Congress (IFSAC).
- Materials:** Mosby, Rope Rescue Manual for Fire Rescue Services, Latest Edition and Mosby, High Angle Rescue Techniques", Latest Edition
- Cost:** \$1,000.00 (cheque payable to Minister of Finance).
- Course Numbers:** Minimum: 8 Maximum: 12
- Course Dates & Locations:** April 26 – 30, 2010 – Brandon
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## Structural Collapse Level I 40 Hours

- Prerequisite:** Incident Command 100, Rescue Practices and Emergency Medical First Responder (EMR) [proof must be provided with application].
- Course Description:** This course is the minimum requirement for members of the Provincial Urban Search and Rescue Team and designed for emergency response personnel who will be required to respond to and work in a structural collapse environment. It covers the skills and knowledge needed to conduct size-ups, determine victim location, develop and implement incident action plans, search techniques, stabilize light frame construction, support operations, release a victim from entrapment, victim removal, lift and move a heavy load, construct cribbing systems and patient packaging.
- Certification:** Students will be issued a certificate upon successful completion of a written and practical exam. Full attendance is mandatory for completion.
- Materials:** Students must bring their own work gloves, safety boots, safety eyeglasses and coveralls.
- Cost:** \$1,200.00 (cheque payable to Minister of Finance).
- Course Numbers:** Minimum: 14 Maximum: 18
- Course Dates & Locations:** January 11 – 15, 2010 – Brandon
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## Structural Collapse Level II (Technician) NFPA 1006 40 Hours

- Prerequisite:** Structural Collapse Level I and Hazardous Materials Awareness.
- Course Description:** This course is the technician level for emergency response personnel who respond to and work in a structural collapse environment and builds on the foundation of Structural Collapse Level I. Students will be introduced to advanced methods that deal with heavy construction including breaking, breaching, steel cutting and co-ordinating the use of heavy equipment.
- Certification:** Students will be issued a certificate upon successful completion of a practical exam. Full attendance is mandatory for completion.
- This level meets the current NFPA 1006 Standard (2008) for Rescue and is accredited with the International Fire Service Accreditation Congress (IFSAC).
- Materials:** Students must bring their own work gloves, safety boots, safety eyeglasses, coveralls and dress for the weather, rain gear or turnout gear.
- Cost:** \$1,200.00 (cheque payable to Minister of Finance).
- Course Numbers:** Minimum: 14                      Maximum: 16
- Course Dates & Locations:** March 15 – 19, 2010 – Brandon
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## Confined Space Rescue Technician NFPA 1006 40 Hours

- Prerequisite:** Incident Command 100, Rescue Practices, Hazardous Materials Awareness NFPA 472 and current Emergency Medical Responder (EMR) [proof must be provided with application]. Attendance is restricted to persons having statutory authority/responsibility for this type of response with their Emergency Services Department. A letter of verification may be required. The Manitoba Emergency Services College reserves the right to limit acceptance to those individuals who demonstrate an active involvement in this type of response with their Emergency Services Department. Must be comfortable working in confined spaces.
- Course Description:** This course is designed for emergency response personnel who will be required to respond to and work within the confined space environment. Emergency response personnel will learn to recognize confined spaces, the various types of hazards associated with confined spaces, how to minimize or eliminate the hazards of the confined space and then as a member of a team perform confined space rescues while maintaining maximum rescuer safety. A variety of specialized equipment will be used to monitor, stabilize and mitigate the incident along with special considerations for victim handling techniques. Special attention will be given to selection and use of personal protection equipment.
- Certification:** Students will be issued a certificate upon successful completion of a written and practical exam. Full attendance is mandatory for completion.
- This course meets the NFPA 1006 Standard (2008) for Rescue and is accredited with the International Fire Service Accreditation Congress (IFSAC).
- Materials:** CMC Rescue, Confined Space Entry and Rescue, Latest Edition. Students must bring their own personal protective clothing.
- Cost:** \$1,000.00 (cheque payable to the Minister of Finance)
- Course Numbers:** Minimum: 8    Maximum: 12
- Course Dates & Locations:** December 7 – 11, 2009 – Brandon
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## Trench Rescue Technician NFPA 1006 40 Hours

- Prerequisite:** Incident Command 100, Rescue Practices, Hazardous Materials Awareness NFPA 472 and current Emergency Medical Responder (EMR) [proof must be provided with application]. Attendance is restricted to persons having statutory authority/responsibility for this type of response with their Emergency Services Department. A letter of verification may be required. The Manitoba Emergency Services College reserves the right to limit acceptance to those individuals who demonstrate an active involvement in this type of response with their Emergency Services Department.
- Course Description:** This course is designed for emergency response personnel who will be required to respond to and work within a trench or excavation. The skills and knowledge covered in this course will be conducting a size-up, implementing an incident action plan, accessing the hot zone, support operations, supporting both a non-intersecting and intersecting trench, releasing a victim, construct stabilization systems, lifting a load, installing supplemental shoring, packaging and removal of a victim, utilizing heavy equipment and the disassembly of the rescue system.
- Certification:** Students will be issued a certificate upon successful completion of the examination process. Full attendance is mandatory for completion.
- This course meets the NFPA 1006 Standard (2008) for Rescue and is accredited with the International Fire Service Accreditation Congress (IFSAC).
- Materials:** Students must bring their own work gloves, safety boots, safety glasses and coveralls. Dress for the weather rain gear or turnout gear.
- Cost:** \$1,200.00 (cheque payable to the Minister of Finance).
- Course Numbers:** Minimum: 12 Maximum: 14
- Course Dates & Locations:** May 10 – 14, 2010 – Brandon
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## Surface Water Rescue Technician NFPA 1006 40 Hours

- Prerequisite:** Incident Command 100, Rescue Practices, Hazardous Materials Awareness NFPA 472 and current Emergency Medical Responder (EMR) [proof must be provided with application]. Attendance is restricted to persons having statutory authority/responsibility for this type of response with their Emergency Services Department. A letter of verification may be required. The Manitoba Emergency Services College reserves the right to limit acceptance to those individuals who demonstrate an active involvement in this type of response with their Emergency Services Department. Must be comfortable working in a water environment.
- Course Description:** This course provides emergency response personnel who will be required to respond to and work in the open surface water environment including river (low head dams) and flood applications (not swift water). This course is designed around the use of full flotation survival emersion suits and other specialized water rescue equipment.
- The student will learn preplanning an incident, incident management, specialized equipment, boat operations (zodiac), shore based rescue, boat based rescue, patient management in the water environment, specialized patient packaging, survival techniques for the rescuer, consideration for night operations, incident termination and equipment maintenance.
- Certification:** Students will be issued a certificate upon successful completion of a practical exam. Full attendance is mandatory for completion.
- This course meets the NFPA 1006 (2008) Standard for Rescue and is accredited with the International Fire Service Accreditation Congress (IFSAC).



**Materials:** Students must bring their own personal clothing appropriate for the weather. All safety and survival suits and equipment will be provided.

**Cost:** \$1,200.00 (Cheque payable to Minister of Finance)

**Course Numbers:** Minimum: 8 Maximum: 12

**Course Dates & Locations:** June 7 – 11, 2010 – Brandon

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### Ice Rescue Technician NFPA 1006 20 Hours

**Prerequisite:** Incident Command 100, Rescue Practices, Hazardous Materials Awareness NFPA 472 and current Emergency Medical Responder (EMR) [proof must be provided with application]. Attendance is restricted to persons having statutory authority/responsibility for this type of response with their Emergency Services Department. A letter of verification may be required. The Manitoba Emergency Services College reserves the right to limit acceptance to those individuals who demonstrate an active involvement in this type of response with their Emergency Services Department. Must be comfortable working in a water and ice environment.

**Course Description:** This course is for emergency response personnel who will be required to respond to and work in water and ice environments. The course is designed around the use of full floatation survival emersion suits and other specialized ice rescue equipment. The student will learn size-up and support operations, established command, assess ice and water conditions, techniques for moving on ice conditions and techniques to perform entry ice rescue.

**Certification:** Students will be issued a certificate upon successful completion of a practical exam. Full attendance is mandatory for completion.

This course meets the NFPA 1006 (2008) Standard for Rescue and is accredited with the International Fire Service Accreditation Congress (IFSAC).

**Materials:** Students must bring their own personal clothing appropriate for the weather. All safety and survival suits and equipment will be provided.

**Cost:** \$500.00 (Cheque payable to Minister of Finance).

**Course Numbers:** Minimum: 8 Maximum: 12

**Course Dates & Locations:** December 2, 3 & 4, 2009 - Brandon

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### Ground Search and Rescue - Basic 20 Hours

**Prerequisite:** Current Standard First Aid with CPR C (16 hrs.).

**Course Description:** This course provides individuals with the information and training necessary to become an effective member of a team searching for lost individuals. Subject areas include personal requirements, navigation techniques, and basic search operations.

This course is required to be recognized as a trained searcher in the Province of Manitoba.

**Certification:** Students will be issued a Certificate of Attendance upon successful completion of a written exam. Full attendance is mandatory for completion.

**Materials:** Outdoor clothing (dress for the weather).

**Cost:** \$300.00 (cheque payable to Minister of Finance)



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**Course Numbers:** Minimum: 16 Maximum: 24

**Course Dates & Locations:** This course can be offered in Manitoba either regionally or locally by qualified Instructors recognized by the Manitoba Emergency Services College (a list of these Instructors is available from the Emergency Services College).

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### **Ground Search and Rescue – Team Leader** 20 Hours

**Prerequisite:** Ground Search and Rescue – Basic, Incident Command 100, Rescue Practices, Current Standard First Aid with CPR C (16 hrs.).

**Course Description:** This course provides individuals previously trained and experienced in Ground Search and Rescue Basic with the skills necessary to be an effective Team Leader. Subject areas will include personal requirements of searchers with an emphasis on inspection of team members, advanced navigation skills including night search operations and basic search management skills. Successful candidates will be used to lead both trained and volunteer searchers in a safe and effective manner during search operations.

**Certification:** Students will be issued a Certificate of Attendance upon successful completion of a written exam. Full attendance is mandatory for completion.

**Materials:** GSAR 24-hour redi-pak and outdoor clothing (dress for the weather).

**Cost:** \$300.00 (cheque payable to Minister of Finance).

**Course Numbers:** Minimum: 12 Maximum: 16

**Course Dates & Locations:** October 23, 24 & 25, 2009 – Lundar  
November 26, 27 & 28, 2009 – Brandon

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### **Ground Search and Rescue – Winter Survival** 32 Hours

**Prerequisite:** Ground Search and Rescue – Basic, Incident Command 100, Current Standard First Aid with CPR C (16 hrs.).

**Course Description:** This course provides students previously trained and experienced in Ground Search and Rescue – Basic with the skills necessary to withstand the Canadian prairie winter's extreme temperatures and conditions in a survival scenario.

Skills and knowledge acquired during the course are navigation (compass, map and GPS), team building, cold weather survival techniques, shelter construction, emergency signals, patient packaging for cold weather, basic ropes and knots and chainsaw safety. Course includes an overnight survival scenario.

**Certification:** Students will be issued a Certificate of Attendance upon successful completion of a written exam. Full attendance is mandatory for completion.

**Materials:** GSAR 24-hour redi-pak and outdoor clothing (dress for the weather) [list will be provided with the acceptance letter].

**Cost:** \$800.00 (cheque payable to Minister of Finance).

**Course Numbers:** Minimum: 12 Maximum: 24

**Course Dates & Locations:** January 26 – 29, 2010 – Location to be Announced

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## Vehicle Extrication Seminar 20 Hours

- Prerequisite:** Incident Command 100, Current Standard First Aid with CPR C (16 hrs). The Fire Department must have basic extrication tools and extrication capabilities to take this training (a list of basic extrication tools is available from the Emergency Services College).
- Course Description:** This seminar is designed to teach the skills of how to approach and size-up a motor vehicle accident and the correct procedures for getting into, stabilizing and disentangling vehicles. The procedures for packaging and removing victims are also demonstrated. Practical skills are taught by having the participants work on actual vehicles and perform the necessary skills.
- Certification:** Students will be issued a Certificate of Attendance upon successful completion. Full attendance is mandatory for completion.
- Materials:** Students must bring their own turnout gear.
- Cost:** \$300.00 (cheque payable to the Minister of Finance).
- Course Numbers:** Minimum: 8 Maximum: 12
- Course Dates & Locations:** This course can be offered in Manitoba either regionally or locally by qualified Instructors recognized by the Manitoba Emergency Services College (a list of these Instructors is available from the Emergency Services College).
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## Surface Water Rescue Seminar 20 Hours

- Prerequisite:** Incident Command 100, Current Standard First Aid with CPR C (16 hrs.) and must be comfortable working in a water environment. The Fire Department must have basic Surface Water rescue equipment and capabilities to take this training (a list of basic Surface Water rescue equipment is available from the Emergency Services College).
- Course Description:** This seminar is designed to teach the skills involved in various methods of performing surface water rescues, patient handling techniques and hazards to be aware of. It also describes how to set up a Surface Water rescue team. Practical is taught by having candidates perform rescues in Surface Water conditions using the methods taught.
- Certification:** Students will be issued a Certificate of Attendance upon successful completion. Full attendance is mandatory for completion.
- Materials:** Required materials supplied.
- Cost:** \$300.00 (cheque payable to Minister of Finance).
- Course Numbers:** Minimum: 8 Maximum: 12
- Course Dates & Locations:** This course can be offered in Manitoba either regionally or locally by qualified Instructors recognized by the Manitoba Emergency Services College (a list of these Instructors is available from the Emergency Services College).
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## Ice Rescue Seminar 20 Hours

- Prerequisite:** Incident Command 100, Current Standard First Aid with CPR C (16 hrs.) and must be comfortable working in a water and ice environment. The Fire Department must have basic Ice Rescue equipment and capabilities to take this training (a list of basic Ice rescue equipment is available from the Emergency Services College).
- Course Description:** This seminar is for emergency response personnel who will be required to respond to and work in water with ice. The seminar is designed around the use of full floatation survival emersion suits and other specialized ice rescue equipment. The student will learn size-up and support operations, established command, assess ice and water conditions, techniques for moving on ice conditions and techniques to perform entry ice rescue.
- Certification:** Students will be issued a Certificate of Attendance upon successful completion. Full attendance is mandatory for completion.
- Materials:** Required materials supplied.
- Cost:** \$300.00 (cheque payable to Minister of Finance).
- Course Numbers:** Minimum: 8 Maximum: 12
- Course Dates & Locations:** Not offered this year.
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## Farm Accident Rescue Seminar 20 Hours

- Prerequisite:** Incident Command 100, Current Standard First Aid with CPR C (16 hrs.).
- Course Description:** This seminar is designed to teach methods for responding to and proper handling of various types of farm accidents. Various methods of disentanglement and patient packaging and removal will be demonstrated. This seminar is one-half theory and one-half practical. The theory is taught in a classroom setting using lecture, visual aid presentations and group discussion. The practical is taught by having the candidates perform rescues under simulated conditions using skills taught and equipment provided.
- Certification:** Students will be issued a Certificate of Attendance upon successful completion. Full attendance is mandatory for completion.
- Materials:** Required materials supplied.
- Cost:** \$300.00 (cheque payable to the Minister of Finance)
- Course Numbers:** Minimum: 8 Maximum: 12
- Course Dates & Locations:** This course can be offered in Manitoba either regionally or locally by qualified Instructors recognized by the Manitoba Emergency Services College (a list of these Instructors is available from the Emergency Services College).
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## Hazardous Materials Awareness NFPA 472

### 16 Hours (On-Line)

- Prerequisite:** None.
- Course Description:** Hazardous Materials Awareness is designed for persons who, in the course of their normal duties, could encounter an emergency involving hazardous materials or criminal/terrorist activity. This course stresses how personnel can protect themselves, call for trained responders, and secure the area. Information is also provided on Transport Canada placarding, utilizing various resources like CANUTEC, basic identification of containers, using the Emergency Response Guidebook, and introductory information on criminal or terrorist activity.
- This course meets the NFPA 472 Standard (2008) for Hazardous Materials and is accredited by the International Fire Service Accreditation Congress (IFSAC).
- Certification:** Students will be issued a certificate upon successful completion of the on-line course material and quizzes. Candidates who wish to receive accreditation may apply to write the written exam. Exams for Hazardous Materials Awareness are held at pre-determined exam sites. Students must pre-register for the written exams on an Emergency Services College application form 15 working days prior to the scheduled exam date they are planning to attend.
- Materials:** Emergency Response Guide (ERG), Latest Edition.
- Cost:** \$275.00 (cheque payable to the Minister of Finance).
- Course Numbers:** Minimum: 10 Maximum: 24
- Course Dates & Locations:** This course is available on-line.
- Registration:** On-line candidates must register prior to the 10<sup>th</sup> day of the month in order to start the course after the 10<sup>th</sup> of the month in order to start the course after the 1<sup>st</sup> of the following month (e.g. Students must register before September 10<sup>th</sup> if they are planning to start their course October 1<sup>st</sup>). Students will have 60 days to complete the on-line course following the course start date.
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## Hazardous Materials Operations NFPA 472

### 40 Hours

- Prerequisite:** Incident Command 100, must be an active member of a fire department. Successful completion of the following blocks in Fire Fighting Practices Level I: Personal Protective Equipment, Self-Contained Breathing Apparatus, Communications, Fire Fighter Safety, Fire Streams and Foam Fire Streams (copies of these blocks signed off by the instructor in the student's log book must accompany the application form).
- Course Description:** The Operations level responders are those persons who respond to releases or potential releases of hazardous materials or WMD's for the purpose of protecting nearby persons, the environment and property from the effects of the product. Emergency Responders at the Operations level are expected to respond in a defensive fashion to control the release from a safe distance and keep it from spreading. This course covers all information in the Awareness level course, as well as skills needed for detecting the presence of hazardous substances and chemical, biological, radiological, nuclear and explosives (CBRNE), consulting references for additional information, and implementing work practices that will minimize the possibility of contamination.
- This course meets the NFPA 472 Standard (2008) for Hazardous Materials and is accredited by the International Fire Service Accreditation Congress (IFSAC).
- Certification:** Students will be issued a Certificate upon successful completion of a written and practical exam. Exams for Hazardous Materials Operations are held at pre-determined exam sites. Students must pre-register for the written exams on an Emergency Services College application form 15 working days prior to the scheduled exam date they are planning to attend. Full attendance is mandatory for completion.



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| <b>Materials:</b>                    | Delmar, Canadian Fire Fighter's Handbook, 1st Edition, Emergency Response Guidebook (ERG), Latest Edition (these are required textbooks and all candidates must have them). All students must bring their own personal protective clothing and SCBA. |
| <b>Cost:</b>                         | \$600.00 (cheque payable to the Minister of Finance).  |
| <b>Course Numbers:</b>               | Minimum: 8    Maximum: 16  |
| <b>Course Dates &amp; Locations:</b> | This course can be offered in Manitoba either regionally or locally by qualified Instructors recognized by the Manitoba Emergency Services College (a list of these Instructors is available from the Emergency Services College).                   |

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## **Hazardous Materials Technician NFPA 472**

### **80 Hours**

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| <b>Prerequisite:</b>                 | Hazardous Materials Operations NFPA 472 and must be an active member of an Emergency Response Team. Attendance is restricted to persons having statutory authority/responsibility for Hazardous Materials Response with their Emergency Services Department. A letter of verification may be required. The Manitoba Emergency Services College reserves the right to limit acceptance to those individuals who demonstrate an active involvement in Hazardous Materials Response.  |
| <b>Course Description:</b>           | <p>Hazardous Materials Technicians are those persons who respond to releases or potential releases of hazardous materials for the purpose of controlling the release. Emergency Response Team members at this level are expected to use specialized chemical protective clothing and specialized control equipment. Topics such as monitoring, formal decontamination, technical resources and incident implementation are stressed in this program, with the overall safety of the responder in mind.</p> <p>This course meets the NFPA 472 Standard (2008) for Hazardous Materials and is accredited by the International Fire Service Accreditation Congress (IFSAC).</p> |
| <b>Certification:</b>                | Students will be issued a Certificate upon successful completion of a written and practical exam. Full attendance is mandatory for completion.   |
| <b>Materials:</b>                    | IFSTA, Hazardous Materials Managing the Incident, Latest Edition; Emergency Response Guidebook (ERG), Latest Edition; NIOSH Pocket Guide to Chemical Hazards, Latest Edition; Jane's Chem-Bio Handbook, 3 <sup>rd</sup> Edition. Student must bring their own personal protective clothing or an alternative approved safety apparel as some hands-on occurs outside of the chemical protective clothing and 4500 psi (45 minute or 1 hour only) SCBA plus a spare cylinder and approved safety boots, hard hat or helmet and coveralls.   |
| <b>Cost:</b>                         | \$1,200.00 (cheque payable to the Minister of Finance).  |
| <b>Course Numbers:</b>               | Minimum: 14    Maximum: 20   |
| <b>Course Dates &amp; Locations:</b> | September 28 – October 2 and October 5 – 9, 2009 – Brandon   |

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## Hazardous Materials Incident Commander 24 Hours

**Prerequisite:** Hazardous Materials Operations NFPA 472 and must be an active member of an Emergency Response Team.

**Requisite:** Incident Command (ICS) 200.

**Course Description:** This course is designed to provide the Incident Commander with the knowledge and skills to perform their role as the person responsible for all decisions relating to the management of the incident. The student will learn about personal protective clothing, decontamination, branch functions within the Incident Management System, and the overall tactics to properly mitigate a hazardous materials incident.

This course meets the NFPA 472 Standard (2008) for Hazardous Materials and is accredited by the International Fire Service Accreditation Congress (IFSAC).

**Certification:** A Certificate of Attendance will be issued to the successful candidates upon completion. Full attendance is mandatory for completion.

**Materials:** IFSTA, Hazardous Materials: Managing the Incident, Latest Edition; Emergency Response Guidebook (ERG), Latest Edition; NIOSH Pocket Guide to Chemical Hazards, Latest Edition; Jane's Chem-Bio Handbook, 3<sup>rd</sup> Edition.

**Cost:** \$400.00 (cheque payable to Minister of Finance).

**Course Numbers:** Minimum: 8 Maximum: 12

**Course Dates & Locations:** Not offered this year.

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## Chemical, Biological, Radiological, Nuclear and Explosives (CBRNE) First Responder – Basic (On-Line at [http://cbrnline.psepc.gc.ca/index\\_e.html](http://cbrnline.psepc.gc.ca/index_e.html))

**Course Description:** This course has been designed by the Public Safety and Emergency Preparedness Canada (PSEPC) for individuals who may be in a position to recognize and respond to a CBRNE Incident, but would not be the ones to intervene (e.g. 911 operators, police, fire fighters and emergency medical services personnel). This course teaches how to recognize potential CBRNE threats and incidents, protect themselves and respond accordingly.

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## Emergency Vehicle Driving Skills Seminar– Fire or EMS 20 Hours

- Prerequisite:** Must be an active member of a Fire or EMS Department and hold a Current Class 4 licence [air brake endorsement is required with air brake equipped apparatus] (proof must be provided with application).
- Course Description:** This seminar is designed for Fire or EMS department personnel who are or wish to become emergency vehicle operators. Students will learn the psychological and physiological aspects of driving, perception and reaction judgement, pre-ignition procedures, vehicle dynamics, the attitudes and habits of the driver, proper steering, braking and handling control, the risks associated with speed and the techniques to effectively move the emergency vehicle properly while reducing operating speed. Emphasis for this seminar will be on the practical development of these skills using a driving track. Students will operate the emergency vehicle through a serpentine, alley dock, perception and reaction skill test, straight line and curves and will also learn the proper braking technique.
- Certification:** Students will be issued a Certificate of Attendance upon successful completion (certificate will identify either Fire or EMS). Full attendance is mandatory for completion.
- Materials:** All students must bring paper, pencil and/or pen, a highlighter, coveralls, safety boots, safety glasses and hardhat.
- Cost:** \$350.00 (cheque payable to the Minister of Finance).
- Course Numbers:** Minimum: 8 Maximum: 12
- Course Dates & Locations:** This course can be offered in Manitoba either regionally or locally by qualified Instructors recognized by the Manitoba Emergency Services College (a list of these Instructors is available from the Emergency Services College).
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## Pump Operations Seminar 32 Hours

- Prerequisite:** Must be an active member of a Fire Department.
- Course Description:** This seminar is designed for fire service personnel to develop skills in the operation of fire pumps. Students will learn pressure regulating devices, the operating principles of drive lines, positive displacement and centrifugal fire pumps, foam systems, gauges and controls, pumping from a hydrant, relay pumping, basic friction loss calculations to determine minimum pump pressure, pump testing gauges controls and basic maintenance checks.
- Certification:** Students will be issued a Certificate of Attendance upon successful completion. Full attendance is mandatory for completion.
- Materials:** All students must bring paper, pencil and/or pen, calculator, a highlighter, coveralls, safety boots, safety glasses, hardhat and must purchase the main text IFSTA, Pumping Apparatus Driver/Operator Handbook, Latest Edition.
- Cost:** \$350.00 (cheque payable to the Minister of Finance).
- Course Numbers:** Minimum: 8 Maximum: 12
- Course Dates & Locations:** May 25 – 28, 2010 - Brandon
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## Fire Service Hydraulics Seminar 20 Hours

- Prerequisite:** Must be an active member of a Fire Department.
- Course Description:** This seminar is designed for fire service personnel wishing to become proficient Driver/Operators of fire apparatus. Students will learn basic calculations in friction loss, flow pressures, nozzle reaction, elevation, appliance loss and water distribution systems. Emphasis will be on the theoretical hydraulic applications. Students will learn how to prepare quick reference material for aid on the fire ground. This course is taught using the METRIC system only.
- Certificate:** Students will be issued a Certificate of Attendance upon successful completion. Full attendance is mandatory for completion.
- Materials:** All students must bring paper, pencil and/or pen, a scientific calculator, a highlighter and the textbook IFSTA, Pumping Apparatus Driver/Operator Handbook, Latest Edition.
- Cost:** \$250.00 (cheque payable to the Minister of Finance).
- Course Numbers:** Minimum: 8 Maximum: 16
- Course Dates & Locations:** This course can be offered in Manitoba either regionally or locally by qualified Instructors recognized by the Manitoba Emergency Services College (a list of these Instructors is available from the Emergency Services College).
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## Driver Operator - Pumper NFPA 1002 Accredited Testing

- Prerequisite:** Pump Operations Seminar, Emergency Vehicle Driving Skills Seminar – Fire, Fire Service Hydraulics Seminar, Fire Fighting Practices Level I NFPA 1001. Attendance is restricted to active members of a Fire Department (proof of membership must be attached to the application form).
- Accreditation Process:** Upon completion of the prerequisites the student must successfully complete a written and practical exam. Once the above criteria has been met students must then write a letter to the Director of the Emergency Services College requesting accreditation be granted.
- This testing meets the requirements of NFPA 1002 (2009) Professional Qualifications for Driver/Operator Chapter 5 and is accredited with the International Fire Service Accreditation Congress (IFSAC).
- Certification:** Students will be issued a Certificate upon successful completion of the above.
- Cost:** \$300.00 (cheque payable to Minister of Finance).
- Course Numbers:** A maximum of eight (8) students will be accepted for this testing.
- Individuals have one (1) year from the completion of their last course to complete the above criteria for accreditation. One (1) year after that date the opportunity will no longer be available and NO EXTENSION WILL BE GRANTED.
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## Mobile Water Supply Seminar 20 Hours

- Prerequisite:** Attendance is restricted to active members of a Fire Department (proof of membership must be attached to the application form).
- Course Description:** This course is designed for fire service personnel in the operation of water supply apparatus.
- Students will learn basic maintenance checks, types of apparatus, water supply sources, water transfer routes, fill and dump operations and portable tank usage.
- Certificate:** Students will be issued a certificate upon successful completion of a written and practical exam. Full attendance is mandatory for completion.
- Materials:** All students must bring paper, pencil and/or pen, coveralls, safety boots, safety glasses, work gloves and hardhat and the textbook IFSTA, Pumping Apparatus Driver/Operator Handbook, Latest Edition.
- Cost:** \$300.00 (cheque payable to the Minister of Finance).
- Course Numbers:** Minimum: 6 Maximum: 12
- Course Dates & Locations:** May 14, 15 & 16, 2010 – St. Andrews
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## Driver Operator - Mobile Water Supply NFPA 1002 Accredited Testing

- Prerequisite:** Upon successful completion of the Mobile Water Supply Seminar and the Emergency Vehicle Driving Skills Seminar - Fire, active members of a Fire Department may apply to test for accreditation for Driver Operator - Mobile Water Supply NFPA 1002.
- Accreditation Process:** Upon completion of the prerequisites the student must successfully complete a written and practical exam. Once the above criteria has been met students must then write a letter to the Director of the Emergency Services College requesting accreditation be granted.
- This testing meets the requirements of NFPA 1002 (2009) Professional Qualifications for Driver/Operator Chapter 4 and is accredited with the International Fire Service Accreditation Congress (IFSAC).
- Certification:** Students will be issued a Certificate upon successful completion of the above.
- Cost:** \$300.00 (cheque payable to Minister of Finance).
- Course Numbers:** A maximum of eight (8) students will be accepted for this testing.
- Individuals have one (1) year from the completion of the "Mobile Water Supply" course to complete the above criteria for accreditation. One (1) year after that date the opportunity will no longer be available and NO EXTENSION WILL BE GRANTED.
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## Aerial Operations Seminar 20 Hours

- Prerequisite:** Attendance is restricted to active members of a Fire Department (proof of membership must be attached to the application form).
- Course Description:** This seminar is designed to provide department members with the ability to maintain and operate an aerial device for fire fighting and rescue operations. The student will understand the usage and applications of fire apparatus equipped with an aerial device. The student will be introduced to the designs and components of aerial apparatus and will complete inspection and servicing functions. The student will stabilize and operate aerial devices for a variety of applications, including rescue and master stream applications. The student will demonstrate operation of the aerial device's primary, auxiliary and emergency systems.
- Certificate:** Students will be issued a certificate upon successful completion Full attendance is mandatory for completion.
- Materials:** IFSTA, Aerial Apparatus Driver/Operator Handbook, Latest Edition and all students must bring their own personal protective clothing.
- Cost:** \$300.00 (cheque payable to the Minister of Finance).
- Course Numbers:** Minimum: 6 Maximum: 10
- Course Dates & Locations:** Not offered this year.
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## Driver Operator - Aerial NFPA 1002 Accredited Testing

- Prerequisite:** Upon successful completion of the Aerial Operations Seminar, the Emergency Vehicle Driving Skills Seminar – Fire, Pump Operations Seminar, Hydraulics Seminar, Fire Fighting Level I NFPA 1001 and be an active member of a Fire Department
- Accreditation Process:** Upon completion of the prerequisites the student must successfully complete a written and practical exam. Once the above criteria has been met students must then write a letter to the Director of the Emergency Services College requesting accreditation be granted.
- This testing meets the requirements of NFPA 1002 (2009) Professional Qualifications for Driver/Operator Chapter 6 and is accredited with the International Fire Service Accreditation Congress (IFSAC).
- Certification:** Students will be issued a Certificate upon successful completion of the above.
- Cost:** \$300.00 (cheque payable to Minister of Finance).
- Course Numbers:** A maximum of eight (8) students will be accepted for this testing.
- Individuals have one (1) year from the completion of their last course to complete the above criteria for accreditation. One (1) year after that date the opportunity will no longer be available and NO EXTENSION WILL BE GRANTED.
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## Risk Management – An Emergency Services Perspective

### 24 Hours

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|--------------------------------------|--|
| <b>Prerequisite:</b>                 | None.  |
| <b>Course Description:</b>           | <p>This course will outline critical Risk Management information for Emergency Services Personnel. Included will be a broad-based look at community risk, organizational risk, operational risk, and information management. How an organization manages risk is essential to the health and well being of its personnel. This course takes concepts of Risk Management and places it in the hands of Managers, Chiefs, Incident Commanders, Line Officers and front line Emergency Services Personnel.</p> <p>Objectives covered in this course are understanding the meaning of risk as it relates to the Emergency Services, understand probabilities and consequences of risk, understand control measures available to the Emergency Services, introduce a 5 step process for managing risk, discuss and explore “Real Time” risk management principles, pre-incident planning as a risk management tool and information management as an integral part of risk management.</p> |
| <b>Certification:</b>                | Students will be issued a certificate upon successful completion. Full attendance is mandatory for completion.   |
| <b>Materials:</b>                    | Students must bring a binder, pen and highlighter.   |
| <b>Cost:</b>                         | \$275.00 (cheque payable to Minister of Finance).  |
| <b>Course Numbers:</b>               | Minimum: 10 Maximum: 24  |
| <b>Course Dates &amp; Locations:</b> | November 17, 18 & 19, 2009 – Brandon   |

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## Fire Ground Management

### 16 Hours

|                                      |  |
|--------------------------------------|--|
| <b>Prerequisite:</b>                 | Must be an active member of a Fire Department.   |
| <b>Course Description:</b>           | <p>This course is designed to provide fire officers or potential officers with the necessary skills to organize and manage fire ground operations under emergency conditions. Topics covered are problems in fire ground management, Fire Command System, fire ground factors, tactical priorities, rescue, fire control, salvage operations, fire stream management, support activities, pre-fire planning and tactical scenarios.</p> <p>This course will include classroom presentations of fire fighting theories and approaches combined with both hands-on pre-fire planning and fire ground management exercises which involve the decision making process utilizing simulated structure fires.</p> |
| <b>Certification:</b>                | Students will be issued a certificate upon successful completion. Full attendance is mandatory for completion.   |
| <b>Materials:</b>                    | Required material supplied.  |
| <b>Cost:</b>                         | \$275.00 (cheque payable to the Minister of Finance).  |
| <b>Course Numbers:</b>               | Minimum: 12 Maximum: 20  |
| <b>Course Dates &amp; Locations:</b> | January 21, 22 & 23, 2010 – Dauphin  |

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## Fire Department Management 36 Hours

|                                      |  |
|--------------------------------------|--|
| <b>Prerequisite:</b>                 | Must be an active member of a Fire Department.   |
| <b>Course Description:</b>           | <p>This course is for individuals aspiring to, or recently assuming a management position with volunteers, paid on-call or full time fire departments. This course will outline the many areas that are required to effectively manage and operate a successful organization. Topics covered are administration, management, leadership, team building, planning, budgets, purchasing, motivation, training, officer selection, public education, community relations, prevention, operating guidelines overview, legal considerations and developing an organizational manual.</p> <p>This course introduces the candidate to many of the requirements of NFPA 1201 "Developing Emergency Services for the Public".</p> |
| <b>Certification:</b>                | Students will be issued a certificate upon successful completion. Full attendance is mandatory for completion.   |
| <b>Materials:</b>                    | Students must bring a binder, pen and highlighter.   |
| <b>Cost:</b>                         | \$350.00 (cheque payable to the Minister of Finance).  |
| <b>Course Numbers:</b>               | Minimum: 12 Maximum: 24  |
| <b>Course Dates &amp; Locations:</b> | November 13, 14 & 15 and November 20, 21 & 22, 2009 – Dauphin<br>February 19, 20 & 21 and February 26, 27 & 28, 2010 – Arborg  |

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## Managing Emergency Services 36 Hours

|                                      |  |
|--------------------------------------|--|
| <b>Prerequisite:</b>                 | Incident Command 100.  |
| <b>Course Description:</b>           | <p>This course will provide individuals in small to medium sized Emergency Services Departments, paid on-call or full time, with information to assist them in managing their organization. Topics covered are management Theories, concerns and issues, organizational behaviour, motivation, leadership, communications, human resource management, budgeting, legal liability, training, municipal and provincial governments, operating guidelines, incident management system and employment standards.</p> <p>Students are required to complete out-of-class study and assignments for this course.</p> <p>This course meets the requirements of the Fire Officer I NFPA 1021 (2009) (see Fire Officer I Certification).</p> |
| <b>Certification:</b>                | Students will be issued a certificate upon successful completion of all assignments and a written exam.  |
| <b>Materials:</b>                    | IFSTA, Fire and Emergency Services Company Officer, Latest Edition.  |
| <b>Cost:</b>                         | \$350.00 (cheque payable to the Minister of Finance).  |
| <b>Course Numbers:</b>               | Minimum: 12 Maximum: 24  |
| <b>Course Dates &amp; Locations:</b> | February 1 – 5, 2010 – Brandon   |

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## Managing Human Resources

### 36 Hours

**Prerequisite:** Incident Command 100.

**Course Description:** This course is designed to provide participants with information on issues surrounding human resources. Topics covered are position descriptions, performance evaluations, leadership, management styles, personnel performance, management styles, personnel performance, policies and procedures, budgets, media, safety and emergency services.

Students are required to complete out-of-class study and assignments for this course.

This course meets the requirements of Fire Officer II NFPA 1021 (2009) (see Fire Officer II Certification).

**Certification:** Students will be issued a certificate upon successful completion of all assignments and group work.

**Materials:** IFSTA, Fire and Emergency Services Company Officer, Latest Edition.

**Cost:** \$350.00 (cheque payable to the Minister of Finance).

**Course Numbers:** Minimum: 12 Maximum: 24

**Course Dates & Locations:** March 8 – 12, 2010 – Brandon

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## Incident Safety Officer NFPA 1521

### 40 Hours

**Prerequisite:** Incident Command 100.

**Course Description:** This course will prepare members of the Emergency Services to understand and function in the role of an Incident Safety Officer (ISO).

This course will teach history, safety concepts, risk management, safety, officer types, characteristics, function, ISO, hazardous NRG release, fire behaviour, building construction, building collapse, technical rescue, human effect, pre-planning, safety action planning, rehabilitation, post incident analysis and accident investigation.

This course meets the Incident Safety Officer requirements for NFPA 1521 Standard (2008) Chapter 6 for Emergency Services Safety Officer and is accredited by the International Fire Service Accreditation Congress (IFSAC).

**Certification:** Full attendance is mandatory for completion.

**Materials:** Fire Department Incident Safety Officer, Latest Edition, David Dodson. Students must bring a binder, pen and highlighter.

**Cost:** \$390.00 (cheque payable to the Minister of Finance)

**Course Numbers:** Minimum: 12 Maximum: 24

**Course Dates & Locations:** September 28 – October 2, 2009 – Winnipeg  
January 11 – 15, 2010 - Brandon

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## Fire Officer I NFPA 1021 Distance Education 12 Weeks

**Prerequisite:** Must be an active member of an Fire Department, a Fire Department Officer or a potential officer (letter of verification of responsibilities may be required from the Fire Chief or Supervisor), Fire Fighting Level II NFPA 1001, Emergency Service Instructor Level I NFPA 1041, Fire Investigation Level I NFPA 1033, Fire Inspector Level I NFPA 1031, Fire Ground Management and Incident Command 100.

**Course Description:** This course is designed to provide officers or potential officers in fire departments with the skills of communication, management, organization, leadership, budgeting, dealing with emergency operations, day-to-day operations, and working with the public.

**Certification:** Students will be issued a certificate upon successful completion of all assignments, a written exam, and the above prerequisites. (Note: Candidates will not be eligible to write the written exam until all assignments are complete).

This course meets the NFPA Standard 1021 (2009) and is accredited by the International Fire Service Accreditation Congress (IFSAC).

**Materials:** IFSTA, Fire Department Company Officer, Latest Edition

**Cost:** \$770.00 (cheque payable to the Minister of Finance)

**Course Numbers:** A maximum of 12 candidates will be accepted on each course offered.

**Course Dates & Locations:** This course is not available as it is being redone to meet the NFPA 1021 2009 Standard.

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## Fire Officer I Certification

Upon successful completion of the “Managing Emergency Services” course, active members of a Fire Department may apply to receive certification credit for Fire Officer Level I by meeting the following NFPA 1021 2009 Standard criteria Fire Fighter Level II (NFPA 1001), Emergency Services Instructor Level I, (NFPA 1041) Fire Investigation Level I NFPA 1033, Fire Inspector Level I NFPA 1031, Fire Ground Management and Incident Command 100.

If the above criteria has been met candidates must then write a letter to the Supervisor of Student Services of the Emergency Services College requesting to write the Fire Officer I exam. A copy of the student’s transcript or certificates must be attached to the letter.

Individuals missing any of the courses listed in items 1 to 4 above have one (1) year from the completion of the “Managing Emergency Services” course to complete the above criteria for Fire Officer I. One (1) year after that date the opportunity to apply to write the Fire Officer I exam will no longer be available and NO EXTENSION WILL BE GRANTED.

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## Fire Officer II Certification

Upon successful completion of the “Managing Human Resources” course, active members of an Emergency Services department may apply to receive certification for Fire Officer II by meeting the following NFPA 1021 2009 Standard criteria:

1. Fire Officer 1 NFPA 1021
2. Fire Investigation Level II NFPA 1033
3. Incident Safety Officer NFPA 1521
4. Incident Command 200



If the above criteria has been meet candidates must then write a letter to the Supervisor of Student Services of the Emergency Services College requesting to write the Fire Officer II exam. A copy of the candidate's transcript or certificates must be attached to the letter.

Individuals missing any of the information listed in items 1 to 3 above have one (1) year from the completion of the "Managing Human Resources" course to complete the above criteria for Fire Officer II. One (1) year after that date the opportunity to apply to write the Fire Officer II exam will no longer be available and NO EXTENSIONS WILL BE GRANTED.

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### **Incident Command 100 (On-line)**

- Prerequisite:** None.
- Course Description:** This introductory course will cover the basics of the Incident Command model of emergency management. All members of Emergency Services should take this course so they are aware of how the Incident Command model works.
- Certification:** Students must successfully complete a written exam. Students wishing to receive an Emergency Services College certificate may do so for a fee of \$50.00 (members of Manitoba's Municipal Fire Service are exempt from this fee).
- Materials:** This course is available in an e-learning format at the following link: [www.firecomm.gov.mb.ca](http://www.firecomm.gov.mb.ca)
- Registration:** On-line candidates must register prior to the 10<sup>th</sup> day of the month in order to start the course after the 10<sup>th</sup> of the month in order to start the course after the 1<sup>st</sup> of the following month (e.g. Students must register before September 10<sup>th</sup> if they are planning to start their course October 1<sup>st</sup>). Students will have 60 days to complete the on-line course following the course start date.
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### **Incident Command 200 20 Hours**

- Prerequisite:** Incident Command 100 and must be an active member of an Emergency Services Department, or with a Municipal Council and have the responsibility for the area of Incident Management.
- Course Description:** This course is designed for personnel who are likely to assume a supervisory position within the Incident Command System as part of their duties within emergency planning, response or recovery efforts. This course will assist students to operate efficiently during an incident or event within the Incident Command System. Topics of discussion include the principles and features of the Incident Command System, organizational overview, incident resources and a review of the common responsibilities and assignments of the various positions. This course will include a table top exercise as part of the course delivery.
- Certification:** Students will be issued a certificate upon successful completion of a written exam.
- Materials:** Required materials supplied.
- Cost:** \$260.00 (cheque payable to the Minister of Finance)
- Course Numbers:** Minimum: 12      Maximum: 24
- Course Dates & Locations:** Not offered this year.
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## Fire Investigation Level I 36 Hours

**Prerequisite:** Attendance is restricted to fire/police or persons having statutory authority/responsibility for investigation of fires/explosions. A letter of verification may be required. The Emergency Services College reserves the right to limit acceptance to those individuals who demonstrate an active involvement in Fire Investigations.

**Course Description:** This course is designed to provide students with comprehensive knowledge, which will be useful in fire cause determination investigations and will reinforce any experience and previous training. This course will introduce knowledge and procedures outlined in NFPA 921, the roles and responsibilities of a fire investigator, the fire tetrahedron and its components and how it applies to fire investigation, define the terms used to describe fire, describe the ways that fire grows and moves through structures, identify the steps in the process for determining the cause of a fire, life safety features of buildings and how they apply to the job of fire investigator, fire investigator safety procedures and apply them to an investigation, take notes, photographs and complete a report for a fire investigation, ways to collect and preserve evidence from a fire investigation, describe the laws and court procedures, characteristics of fires that begin from electricity, heating appliances, natural gas, spontaneous heat, characteristics of fire setters and how to identify them, the responsibilities of a fire investigator for a vehicle fire and how to identify/determine a vehicle as the cause of a fire, and the responsibilities of a fire investigator for a fatal fire and the laws involved in dealing with fatalities.

This course is divided into four sections:

1. Section 1 covers what to expect when you work as a fire investigator and the basic information you need to have about fire and how it effects buildings;
2. Section 2 teaches the skills needed to become a fire investigator;
3. Section 3 discusses the different causes of fire, what each is, how they start and how to recognize a fire that originates from that cause;
4. Section 4 discusses two special cases for fire investigators, fires in vehicles and fires where there has been a fatality.

**Certification:** Students will be issued a certificate upon successful completion of a written exam.

**Materials:** IFSTA Introduction to Fire Cause and Origin, Latest Edition and NFPA 921 Guide for Fire and Explosion Investigations, Latest Edition (These are required textbooks and all students must have them).

**Cost:** \$350.00 (cheque payable to the Minister of Finance)

**Course Numbers:** Minimum: 12      Maximum: 25

**Course Dates & Locations:** November 30 – December 4, 2009 – Winnipeg  
February 8 – 12, 2010 – Brandon  
May 10 -14, 2010 – Thompson

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## Fire Investigation Level II 36 Hours

**Prerequisite:** Fire Investigation Level I. Attendance is restricted to fire/police or persons having statutory authority/responsibility for investigation of fires/explosions. A letter of verification may be required. The Emergency Services College reserves the right to limit acceptance to those individuals who demonstrate an active involvement in Fire Investigations.

**Course Description:** This course is designed to provide students with comprehensive knowledge, which will be useful in fire cause determination investigations and will reinforce any experience and previous training. This course will expand on the knowledge and procedures outlined in NFPA 921 in the areas of Diagrams and Drawings, Interview and Interrogations, and the Post-incident Investigation.



By the end of this course students should be able to identify the roles and responsibilities of an insurance adjuster, identify the roles and responsibilities of the Insurance Crime Prevention Bureau (ICPB), list the other people involved in fire investigation court process and describe their roles and responsibilities, identify the steps in the process for determining the cause of an explosion, identify construction features of buildings and how they apply to the job of a fire investigator, identify ways to collect and preserve evidence from a fire investigation and work effectively with the lab, identify characteristics of fires that begin from ignitable liquids, how to identify them and who to contact, identify advanced characteristics of fires that involve electricity, separate cause and effect, how to identify them and who to contact, identify characteristics of fraudulent fire setters and how to identify them, identify the responsibilities of a fire investigator for a fatal fire and the interaction with the medical authority having jurisdiction, identify the steps in delivering expert evidence/opinion evidence and describe the steps involved in a successful interview and Identify the role of the Publication NFPA 921.

This course is divided into six sections:

1. Section 1 introduces the students to the characteristics of deliberate fires. It covers the types of deliberate fires, who sets them, and the motives for setting them. Fire scene indicators are explored in detail to familiarize the candidates with all aspects of deliberate fires;
2. Section 2 provides a detailed analysis of fire investigations, ranging from interviews, fire scene indicators, pathology, and roles of the investigator;
3. Section 3 discusses the role of the insurance adjuster and the investigator's relationship with the authorities;
4. Section 4 examines the role of the expert witness when testifying in court;
5. Section 5 provides the students with basic knowledge of building construction and its susceptibility to fire; and,
6. Section 6 introduces the National Fire Prevention Association (NFPA) 921, and familiarizes the candidate with the contents of the guide.

**Certification:** Students will be issued a certificate upon successful completion of a written exam.

**Materials:** NFPA 921 Guide for Fire and Explosion Investigations, Latest Edition and User's Manual for NFPA 921, Latest Edition (These are required textbooks and all students must have them).

**Cost:** \$350.00 (cheque payable to the Minister of Finance)

**Course Numbers:** Minimum: 12 Maximum: 25

**Course Dates & Locations:** January 18 – 22, 2010 – Winnipeg

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## Fire Investigation Level III

36 Hours

**Prerequisite:** Fire Investigation Level II. Attendance is restricted to fire/police or persons having statutory authority/responsibility for investigation of fires/explosions. A letter of verification may be required. The Emergency Services College reserves the right to limit acceptance to those individuals who demonstrate an active involvement in Fire Investigations.

**Course Description:** This course is designed to provide students with comprehensive skills which will be useful in fire cause determination investigations and will reinforce any experience and previous training. This program will expand the knowledge and skills outlined in NFPA 921 in the area of fire scene examination. A large portion of this course will be held at simulated fire scenes and will allow for hands on practice. This will prepare the student for the practical testing portion of the evaluation for certification as a Fire Investigator.

**Certification:** Students will be issued a certificate upon successful completion of a written examination.



**Materials:** NFPA 921 Guide for Fire and Explosion Investigations, Latest Edition (This is a required textbook and all students must have it), turnout gear or coveralls, helmet, gloves, protective fire boots or protective work safety boots, note book, 35 mm camera, flash, two rolls of film (24's 400 ASA), film processing or an acceptable Digital camera, shovel, light and measuring tape.

**Cost:** \$400.00 (cheque payable to the Minister of Finance).

**Course Numbers:** Minimum of 8 Maximum of 12

**Course Dates & Locations:** June 14 – 18, 2010 – Brandon

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### Report Writing for Fire Investigators 36 Hours

**Prerequisites:** Fire Investigation Level II. Attendance is restricted to fire/police or persons having statutory authority/responsibility for investigation of fires/explosions. A letter of verification may be required. The Emergency Services College reserves the right to limit acceptance to those individuals who demonstrate an active involvement in Fire Investigations.

**Course Description:** This course is designed to teach report writing methods for fire investigators. This is not a general report writing course. The Manitoba Office of the Fire Commissioner reports follow the NFPA 1033 Standard, the 921 Guide and have been developed based on results of court decisions impacting the presentation and admissibility of evidence in the courtroom.

This course will teach note taking for the fire investigator, presentations by the fire investigator to various entities and making up courtroom packages for the presentations accompanying verbal testimony, including photographs.

**Certification:** Students will be issued a certificate upon successful completion of written reports and presentations.

**Materials:** Students must bring data and photographs from three fire investigations they have conducted.

**Cost:** \$350.00 (cheques payable to the Minister of Finance).

**Course Numbers:** Minimum: 10 Maximum: 18

**Course Dates & Locations:** March 22 - 26, 2010 – Winnipeg

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### Fire Investigator NFPA 1033

**Prerequisites:** Hazardous Materials Awareness NFPA 472, Fire Investigation Level I, II and III, Report Writing for Fire Investigators. Attendance is restricted to fire/police or persons having statutory authority/responsibility for fire investigation of fires/explosions. A letter of verification may be required. The Emergency Services College reserves the right to limit acceptance to those individuals who demonstrate an active involvement in fire investigations.

**NOTE:** Students who took Fire Investigation Level III prior to 1999 should review the contents of the current Fire Investigation Level III course for changed material. This material is covered in the latest edition of "Kirks Fire Investigation" and the current NFPA 921 "Guide for Fire and Explosion Investigations". It is strongly recommended that these textbooks be reviewed prior to the exam.

**Accreditation Process:** Upon completion of the prerequisites the student must successfully complete a written and practical exam. The practical exam covers the 6 sections of the skills booklet for Fire Investigator.

This program meets the requirements of NFPA 1033 (2009) Professional Qualifications for Fire Investigator and is accredited with the International Fire Service Accreditation Congress (IFSA).



**Certification:** Students will be issued a certificate upon successful completion of the above.

**Cost:** \$400.00 (cheque payable to Minister of Finance).

**Course Numbers:** A MAXIMUM OF SIX (6) CANDIDATES WILL BE ACCEPTED FOR THIS TESTING

**Course Dates & Locations:** Written Exams – April 7, 2010 – Winnipeg & Brandon  
Practical Exam – May 5, 6 & 7, 2010 – Brandon

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### Fire Inspector Level I (NFPA 1031) 12 Weeks (On-line)

**Requisites:** Hazardous Materials Awareness NFPA 472.

**Course Description:** This course is designed to teach students to apply the concepts and skills of a fire inspector. Students learn about fire safety, codes and standards, and fire protection systems and how to think their way through fire prevention inspections. The course covers preparing inspection reports, recognizing the need for a permit, recognizing the need for plan review, investigate common complaints, identify the applicable code or standard, participate in legal proceedings, classify a single occupancy building, calculate occupant load of single occupancy, verify construction type, inspect means of egress, determine operational readiness of fire suppression systems, determine the readiness of fire extinguishers, recognize hazardous conditions, recognize modifications to a plan, verify emergency access, inspect emergency access, verify code compliance for storage, recognize fire growth potential, determine code compliance and verify fire flows.

This course meets the current NFPA 1031 Standard (2009) for Fire Inspector Level I and is accredited with the International Fire Service Accreditation Congress (IFSAC).

**Certification:** Students will be issued a certificate when the criteria listed below have been successfully completed:

- Hazardous Materials Awareness NFPA 472
- Successful completion of all of the assignments
- Successful completion of the Level I written exam

Candidates who have not completed and submitted ALL assignments prior to the scheduled exam day will NOT be eligible to write the exams. Refer to policy on “Assignments”.

**Materials:** Each student must have a copy of the following:

- Fire Inspection and Code Enforcement, Latest Edition
- National Building Code, 2005 Ottawa: National Research Council of Canada (2005 Code)
- National Fire Code, 2005 Ottawa: National Research Council of Canada
- CAN/ULC – S524-01 – Standard for the Installation of Fire Alarm Systems
- CAN/ULC – S536-04 – Standard for the Inspection and Testing of Fire Alarm Systems
- CAN/ULC – S537-04 – Standard for the Verification of Fire Alarm Systems
- NFPA 10-2002, Standard for Portable Fire Extinguishers
- NFPA 13-1999, Standard for the Installation of Sprinkler Systems
- NFPA 25-2002 Inspection Testing, Maintenance of Water Based Fire Protection Systems
- NFPA 96-2001, Standard for the Installation of Equipment for the Removal of Smoke and Grease Laden Vapors from Commercial Cooking Equipment

**Cost:** \$800.00 this does NOT include the cost of the above materials (cheque payable to the Minister of Finance).

**Course Dates & Locations:** September 14, 2009 (Start Date) - On-Line  
Study Day – December 7, 2009 (Optional)  
Exam Date: December 8, 2009

January 11, 2010 (Start Date) – On-Line – Application Deadline: December 18, 2009  
Study Day – April 5, 2010 (Optional)  
Exam Date – April 6, 2010



## Fire Inspector Level II (NFPA 1031) 6 Weeks (On-line)

**Prerequisites:** Fire Inspector Level I (NFPA 1031) (students will NOT be registered on Fire Inspector Level II until they have successfully completed Fire Inspector Level I)

**Course Description:** This course is tailored to help the student learn and apply concepts and skills of the job. Not only do students learn about fire safety, codes and standards, and fire protection systems, but how to think their way through fire prevention inspections. The course covers processing a permit application, processing a plan review application, investigating complex complaints, recommending modifications to codes, classifying a mixed use building, calculating occupant loads of multi-use buildings, determining a buildings area height occupancy and construction type, analyzing means of egress to codes, evaluating fire protection systems to code, evaluating hazardous conditions to coded, evaluating emergency plans to code, inspecting emergency access, verifying code compliance for storage, determining fire growth potential, evaluating code compliance and verifying plans.

This course meets the current NFPA 1031 Standard (2009) for Fire Inspector Level II and is accredited with the International Fire Service Accreditation Congress (IFSAC).

**Certification:** Students will be issued certificates when the criteria listed below have been successfully completed:

- Successful completion of all of the assignments
- Successful completion of the Level I written exam

Students who have not completed and submitted ALL assignments prior to the scheduled exam day will NOT be eligible to write the exams. Refer to policy on "Assignments".

**Materials:** Each student must have a copy of the following:

- Fire Inspection and Code Enforcement, Latest Edition
- National Building Code, 2005 Ottawa: National Research Council of Canada (2005 Code)
- National Fire Code, 2005 Ottawa: National Research Council of Canada
- CAN/ULC – S524-01 – Standard for the Installation of Fire Alarm Systems
- CAN/ULC – S536-04 – Standard for the Inspection and Testing of Fire Alarm Systems
- CAN/ULC – S537-04 – Standard for the Verification of Fire Alarm Systems
- NFPA 10-2002, Standard for Portable Fire Extinguishers
- NFPA 13-1999, Standard for the Installation of Sprinkler Systems
- NFPA 25-2002 Inspection Testing, Maintenance of Water Based Fire Protection Systems,
- NFPA 96-2001, Standard for the Installation of Equipment for the Removal of Smoke and Grease Laden Vapors from Commercial Cooking Equipment

**Cost:** \$600.00 this does NOT include the cost of the above materials (cheque payable to the Minister of Finance).

**Course Dates & Locations:** April 12, 2010 (Start Date) – On-Line – Application Deadline: March 19, 2010  
Study Day – May 20, 2010 (Optional)  
Exam Date – May 21, 2010

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## Fire Protection and Emergency Planning

36 Hours

|                                      |   |
|--------------------------------------|---|
| <i>Prerequisite:</i>                 | None.   |
| <i>Course Description:</i>           | <p>Emergency planning and training directly influence the outcome of an emergency situation. Facilities with well prepared employees and well developed preparedness plans are fundamental to occupant and building safety.</p> <p>This course teaches the requirements of the Manitoba Fire Code, fire behaviour, hazard risk analysis, fire extinguishment, fire alarm and early warning equipment, fire safety procedures, evacuation considerations and emergency planning.</p> <p>Target audience includes but not limited to Administrators, Facility Managers, Emergency Preparedness Co-ordinators, Fire Safety Officers and Workplace Safety and Health Committee Members.</p> |
| <i>Certification:</i>                | Students will be issued a certificate upon successful completion.   |
| <i>Materials:</i>                    | National Fire Code, Latest Edition (This is a required Code and all students must have a copy).   |
| <i>Cost:</i>                         | \$350.00 (cheque payable to the Minister of Finance).   |
| <i>Course Numbers:</i>               | Minimum: 8    Maximum: 16   |
| <i>Course Dates &amp; Locations:</i> | March 1 – 5, 2010 - Brandon   |

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## Fire Extinguisher Seminar

3 Hours

|                                      |  |
|--------------------------------------|--|
| <i>Prerequisite:</i>                 | None.  |
| <i>Course Description:</i>           | <p>This seminar is designed to provide the skills necessary to effectively operate a portable fire extinguisher. The following topics will be covered sources of heat energy, heat transfer, principles of fire behaviour, thermal layering of gases, products of combustion, fire extinguishment theory, classification of fires &amp; extinguishment methods, extinguisher classification and rating systems, selecting and using fire extinguishers, types of fire extinguishers, damaged fire extinguishers, obsolete fire extinguishers, inspection of fire extinguishers and extinguisher maintenance. Practical skills are taught by having the candidates work with Class A and B fires.</p> |
| <i>Certification:</i>                | Students will be issued a Certificate of Attendance upon successful completion. Full attendance is mandatory for completion.   |
| <i>Materials:</i>                    | Required materials supplied.   |
| <i>Cost:</i>                         | \$125.00 (cheque payable to Minister of Finance). This fee is for courses in Brandon only. Courses outside of Brandon will also include instructor expenses.   |
| <i>Course Numbers:</i>               | Minimum: 10    Maximum: 16   |
| <i>Course Dates &amp; Locations:</i> | This is a fee for service course.  |

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## Municipal Building By-Law Administration

### 36 Hours

- Prerequisites:** Should be actively involved in the administration and enforcement of a Building By-Law.
- Course Description:** This course is designed to provide students with the information on issues involving the Acts and Regulations a Building Official (Inspector) may become involved with, and the Building Official's authority and responsibility with regards to the administration and the enforcement of a Building By-Law. The course covers the authority of the building official, overlapping jurisdiction, powers of entry, nature of Evidence, the Municipal Building By-Law, confidentiality and liability, issuing orders and preparing for court.
- Certification:** Students will be issued a certificate upon successful completion of a written exam.
- Materials:** The National Building Code, 2005, Manitoba Amendments to the Building Code, the Summary Convictions Act, the Freedom of Information and Protection of Privacy Act, the Municipal Act and the Buildings and Mobile Homes Act.
- Cost:** \$385.00 (cheque payable to Minister of Finance).
- Course Numbers:** Minimum: 8 Maximum: 12
- Course Dates & Locations:** October 5 – 9, 2009 – Brandon
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## Part 9: The House - Building Envelope

### 36 Hours

- Prerequisite:** None (past experience in the construction industry and with the National Building Code is beneficial).
- Course Description:** This is the first course in the series of Part 9 courses. It will examine the exterior requirements for single or two-family dwellings. This course deals with plan examination and inspection of the house structure and the building envelope. This is a facilitated course where the students work together in groups. The students first work on the course material individually, then discuss the answers with the group and then a class discussion is held. The Metric system of measure will be used.
- This course covers an introduction to the National Building Code, the house – general, difficulties confronting Building Inspectors, reading plans, building permit applications, site plans, footings, foundation walls, concrete slabs on ground, roof and ceiling construction, floor construction, wall construction, the requirements of a Building Inspector and the requirements for conducting a building inspection.
- Certification:** Students will be issued a certificate upon successful completion of a written exam.
- Materials:** The National Building Code, 2005, Manitoba Amendments, a calculator and pen/pencil are required.
- Cost:** \$385.00 (cheque payable to Minister of Finance).
- Course Numbers:** Minimum: 8 Maximum: 12
- Course Dates & Locations:** October 19 – 23, 2009 – Brandon
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## Part 9: The House - Health & Safety

### 36 Hours

**Prerequisite:** Part 9: The House – Building Envelope

**Course Description:** This course examines the interior requirements for single and two-family dwellings. This is a facilitated course where the students work together in groups. The candidates first work on the course materials individually, then discuss the answers with the group and then a class discussion is held. The Metric system of measure will be used.

The course covers the use of the Manitoba Building Code, the determination of the minimum requirements for spatial separations, smoke alarms, egress requirements, fire stopping, fire separations, chimneys, fireplaces and solid-fuel burning appliances, stairs, guards and insulation, the requirements for conducting a building inspection, final interior inspection, final exterior inspection and inspection field trip.

**Certification:** Students will be issued a certificate upon successful completion of a written exam.

**Materials:** The National Building Code, 2005, Manitoba Amendments, a calculator and pen/pencil are required.

**Cost:** \$385.00 (cheque payable to Minister of Finance).

**Course Numbers:** Minimum: 8 Maximum: 12

**Course Dates & Locations:** November 2 – 6, 2009 – Brandon

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## Part 9: Buildings-Structural Requirements

### 36 Hours

**Prerequisite:** Part 9: The House-Building Structure, Part 9: The House-Health & Safety

**Course Description:** This course examines the requirements for Part 9 buildings other than single and two-family dwellings. This is a facilitated course where the students work together in groups. The students first work on the course material individually, then discuss the answers with the group and then a class discussion is held. The Metric system of measure will be used.

The course material includes the use of the National Building Code, the determination of the minimum requirements for excavations, footing and foundation walls, insulation, vapour barriers and wall and floor systems, transfer of forces acting on a building, trusses, spatial separations and exposure protection as they apply to the structural elements of a building and the requirements for conducting a building inspection.

**Certification:** Students will be issued a certificate upon successful completion of a written exam.

**Materials:** The National Building Code, 2005, Manitoba Amendments, a calculator and pen/pencil are required.

**Cost:** \$385.00 (cheque payable to Minister of Finance).

**Course Numbers:** Minimum: 8 Maximum: 12

**Course Dates & Locations:** November 16 – 20, 2009 – Brandon

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## Part 9: Buildings – HVAC & Fire Protection

36 Hours

|                                      |   |
|--------------------------------------|---|
| <i>Prerequisite:</i>                 | Part 9: The House – Building Structures, Part 9: The House – Health and Safety<br>Part 9: Building-Structural Requirements  |
| <i>Course Description:</i>           | <p>This course examines the interior requirements for Part 9 buildings other than single and two-family dwellings. This is a facilitated course where the students work together in groups. The students first work on the course material individually, then discuss the answers with the group and then a class discussion is held. The Metric system of measure will be used.</p> <p>The course covers the use of the National Building Code, the determination of the minimum requirements for fire detection systems, fire resistance ratings, fire stopping, fire separations, exiting and occupant loads, plan examination to ensure the compliance with the National Building Code and the requirements for conducting a building inspection.</p> |
| <i>Certification:</i>                | Students will be issued a certificate upon successful completion of a written exam.   |
| <i>Materials:</i>                    | The National Building Code, 2005, Manitoba Amendments, a calculator and pen/pencil are required.  |
| <i>Cost:</i>                         | \$385.00 (cheque payable to Minister of Finance).   |
| <i>Course Numbers:</i>               | Minimum: 8    Maximum: 12   |
| <i>Course Dates &amp; Locations:</i> | November 30 – December 4, 2009 - Brandon  |

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## Part 9: Building - Plumbing Inspection

36 Hours

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|--------------------------------------|---|
| <i>Prerequisite:</i>                 | Part 9: The House – Building Structure, Part 9: The House – Health and Safety   |
| <i>Course Description:</i>           | <p>This course examines the plumbing requirements for Part 9 buildings. It covers the above ground plumbing in a single family dwelling using the MITEC House as an example. This course is a facilitated course where the students will first work in groups, then work on the course material individually, then discuss the answers with the group and then a class discussion is held. The Metric and Imperial System of measure will be used.</p> <p>The course covers the use of the National Building Code, the use of the National Plumbing Code, the determination of the minimum requirements for stacks and waste pipes, venting systems, surface water distribution systems and plumbing fixtures and appliances, the entire drainage, waste and vent (DWV) system and potable water distribution system will be examined from the rough-in stage to the final inspection and the requirements for conducting a plumbing inspection</p> |
| <i>Certification:</i>                | Students will be issued a certificate upon successful completion of a written exam.   |
| <i>Materials:</i>                    | The National Building Code, 2005, the National Plumbing Code, Referenced Edition, Manitoba Amendments for Building and Plumbing Codes, a calculator and pen/pencil are required.  |
| <i>Cost:</i>                         | \$385.00 (cheque payable to Minister of Finance).   |
| <i>Course Numbers:</i>               | Minimum: 8    Maximum: 12   |
| <i>Course Dates &amp; Locations:</i> | January 25 – 29, 2010 – Brandon   |

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### Part 3: Large Buildings - Classification & Construction 36 Hours

**Prerequisite:** None

**Course Description:** This course is the first in a series that examines the requirements for Part 3 buildings and is a facilitated course where the students work together in groups. The students first work on the course material individually, then discuss the answers with the group and then a class discussion is held. The Metric System of measure will be used.

The course covers the use of the Manitoba Building Code, the determination of the minimum requirements for building classifications, separations of major occupancies, building heights and area, the building site, construction type, occupant loads, fire separations, fire stopping, fire resistance ratings, firewalls, closures, provisions for fire fighting, mezzanines and interconnected floor spaces and the requirements for conducting a building inspection.

**Certification:** Students will be issued a certificate upon successful completion of a written exam.

**Materials:** The National Building Code, 2005, Manitoba Amendments, a calculator and pen/pencil are required.

**Cost:** \$385.00 (cheque payable to the Minister of Finance).

**Course Numbers:** Minimum: 8 Maximum: 12

**Course Dates & Locations:** February 8 – 12, 2010 – Brandon

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### Part 3: Large Buildings - Health & Safety Requirements 36 Hours

**Prerequisite:** Part 3: Large Buildings – Classification and Construction

**Course Description:** This course examines the requirements for Part 3 buildings and is a facilitated type of course where the students work together in groups. The students first work on the course materials individually, then discuss the answers with the group and then a class discussion is held. Metric System of measure will be used.

The course covers the determination of the minimum requirements for spatial separations, egress and exiting, lighting and emergency power, flame spread ratings, mezzanines and interconnected floor spaces, health and fire detection systems and the requirements for conducting a building inspection.

**Certification:** Students will be issued a certificate upon successful completion of a written exam.

**Materials:** The National Building Code, 2005, Manitoba Amendments, a calculator and pen/pencil are required.

**Cost:** \$385.00 (cheque payable to Minister of Finance).

**Course Numbers:** Minimum: 8 Maximum: 12

**Course Dates & Locations:** February 22 – 26, 2010 – Brandon

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### Part 3: Large Buildings - Life Safety Systems 36 Hours

**Prerequisite:** Part 3: Large Buildings – Classification and Construction  
Part 3: Large Buildings – Health and Safety Requirements

**Course Description:** This course examines the requirements for specific life safety systems for Part 3 buildings and is a facilitated course where the students work together in groups. The students first work on the course material individually, then discuss the answers with the group and then a class discussion is held. The Metric System of measure will be used.

The course covers the use of the National Building Code, the use of other standards, the determination of the minimum requirements for emergency power, fire alarm and detection systems, standpipe and hose systems and sprinkler systems and the requirements for conducting an inspection of the above systems.

**Certification:** Students will be issued a certificate upon successful completion of a written exam.

**Materials:** The National Building Code, 2005, Manitoba Amendments, CAN/CSA-C282-M, Referenced Edition, Emergency Electrical Power Supply for Buildings, CAN/CSA-Z32.4-M Referenced Edition, Essential Electrical Systems for Hospitals, CAN/ULC-S524-M, Referenced Edition, Installation of Fire Alarm Systems, NFPA 13, Referenced Edition, Installation of Sprinkler Systems, NFPA 14, Referenced Edition, Installation of Standpipe and Hose Systems, a calculator and pen/pencil are required.

**Cost:** \$385.00 (cheque payable to Minister of Finance).

**Course Numbers:** Minimum: 8 Maximum: 12

**Course Dates & Locations:** March 8 – 12, 2010 – Brandon

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### Wood Heat Safety 36 Hours

**Prerequisite:** None.

**Course Description:** This course examines the requirements for approved and non-approved solid-fuel burning appliances. The course will be a facilitated type of course where the students work in groups. The students first work on the course material individually, then discuss the answers with the group and then a class discussion is held. The Metric and Imperial Systems of measure will be used.

The course material includes the use of the Manitoba Building Code, the use of other standards, the legal requirements, the determination of the minimum requirements for combustion air, manufactured chimneys, masonry chimneys and installation of solid-fuel burning appliances and the requirements for on-site inspections.

**Certification:** Students will be issued a certificate upon successful completion of a written exam.

**Materials:** National Building Code, 2005, CAN/CSA-B365-M, Referenced Edition, Installation Code for Solid-Fuel Burning Appliances and Equipment, Manitoba Amendments, a calculator and pen/pencil are required.

**Cost:** \$385.00 (cheque payable to Minister of Finance).

**Course Numbers:** Minimum: 8 Maximum: 12

**Course Dates & Locations:** December 7 – 11, 2009 – Brandon

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## Emergency Medical Responder - Technician (EMR – T) 180 Hours

|                                      |  |
|--------------------------------------|--|
| <b>Prerequisite:</b>                 | Must be 18 years of age and have a current Standard First Aid with CPR C (16 hrs.).  |
| <b>Course Description:</b>           | This course is designed to train participants, already familiar with some aspects of first aid and CPR, in the principles and techniques for providing emergency medical care. The emphasis is on practical skills development. Approximately seventy-five percent of this course is devoted to the actual “hands-on” experiences involved in patient assessment and management. Traditionally, this training has been considered the entry level to emergency medical services. |
| <b>Certification:</b>                | Students will be issued a certificate upon successful completion of a written exam and practical skills evaluation.  |
| <b>Material:</b>                     | Textbook and materials will be announced in the confirmation letter to the candidate.  |
| <b>Cost:</b>                         | \$850.00 per student (In-College Only) (cheque payable to Minister of Finance).  |
| <b>Course Numbers:</b>               | Minimum: 8      Maximum: 12  |
| <b>Course Dates &amp; Locations:</b> | August 31 – October 9, 2009 – Brandon<br>January 11 – February 19, 2010 – Brandon<br>May 3 – June 11, 2010 – Brandon   |

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## Emergency Medical Responder – Industrial (EMR – I) 70 Hours

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|--------------------------------------|--|
| <b>Prerequisite:</b>                 | Must be 18 years of age and have a current Standard First Aid with CPR C (16 hrs.).  |
| <b>Course Description:</b>           | This course is an equivalent to the Industrial First Aider 3 Course and has met with the approval of Manitoba’s Workplace Safety and Health Regulation.<br><br>EMRs in an industry environment must respond to a variety of situations and provide the initial medical care to the ill or injured. This course will teach those individuals how to respond and provide emergency medical care within the industry environment. |
| <b>Certification:</b>                | Students will be issued a certificate upon successful completion of the written and practical exams.   |
| <b>Material:</b>                     | Textbook and materials will be announced in the confirmation letter to the candidate.  |
| <b>Cost:</b>                         | \$750.00 (cheque payable to Minister of Finance).  |
| <b>Course Numbers:</b>               | Minimum: 8      Maximum: 12  |
| <b>Course Dates &amp; Locations:</b> | October 19 – 30, 2009 – Brandon<br>February 22 – March 5, 2010 – Brandon<br>June 14 – 25, 2010 – Brandon   |

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## Emergency Medical Responder – Supplement (EMR – S) 70 Hours

- Prerequisite:** Must be 18 years of age, Emergency Medical Responder – Industrial (EMR – I) [must have completed within one year of application] and a current Standard First Aid with CPR C (16 hrs.).
- Course Description:** This course is designed to allow individuals to further their EMS training and complete the Emergency Medical Responder – Technician (EMR-T) course. The combination of Emergency Medical Responder – Industrial (EMR-I) and Emergency Medical Responder – Supplement (EMR-S) meets the requirements of the Emergency Medical Responder – Technician (EMR –T) course and meeting the requirements of the Manitoba Health Technician Syllabus.
- This course is a combination of 70 hours of instructor led theory and skill components plus home study and pre-class and post-class assignments.
- Certification:** Students will be issued a certificate upon successful completion of the written and practical exams.
- Material:** Textbook and materials will be announced in the confirmation letter to the candidate.
- Cost:** \$750.00 (cheque payable to Minister of Finance).
- Course Numbers:** Minimum: 8      Maximum: 12
- Course Dates & Locations:** Not offered this year.
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## Emergency Medical Responder - Refresher 40 Hours

- Prerequisite:** Successful completion of an approved Emergency Medical Responder course (proof must be provided with application).
- Course Description:** Students may take this course in an instructor led classroom environment or as an independent study of 20 hours of instructor led skill review and 20 hours of independent study. This course will review both the didactic and practical skills of an Emergency Medical Responder and follows the recommendations of Manitoba Health for individuals seeking the current Technician level of licensure.
- The 20 hours of instructor led skills review and 20 hours of independent study course must have all the completed assignments submitted to the instructor prior to the instructor led portion of the course.
- Certification:** Students will be issued a certificate of attendance upon successful completion.
- Material:** Textbook and materials will be announced in the confirmation letter to the candidate.
- Cost:** \$325.00.00 per student (In-College Only) (cheque payable to Minister of Finance).
- Course Numbers:** Minimum: 8      Maximum: 12
- Course Dates & Locations:** November 16 – 20, 2009 – Brandon  
March 8 – 12, 2010 – Brandon

### Independent Study

November 27, 28 & 29, 2009 – Brandon (November 27<sup>th</sup> will be a 4 hour evening class)  
[Homework assignments for this course are due November 23, 2009]  
March 19, 20 & 21, 2010 – Brandon (March 19 will be a 4 hour evening class)  
[Homework assignments for this course are due March 15, 2010]

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## Written Exams

**Written Exam Description:** All written exams are done at pre-determined exam sites and students must pre-register for these exams on an Emergency Services College course application form 15 working days prior to the scheduled exam date they are planning to attend. Requests for extensions may be granted by the instructor; however, all exams must be completed no later than six (6) months after the end date of the course (**NO EXTENSIONS WILL BE GRANTED AFTER THAT DATE**). Students who have not completed exams during this specified time will receive an incomplete (INC) for the course that will be recorded on the student's transcript. Re-scheduling of exams is the responsibility of the student. Re-scheduled exams will be written at a location determined by the Emergency Services College.

All exams are to be written at the exam sites scheduled in the Emergency Services College course schedule. Out of Province students must make arrangements with a recognized post secondary institution to proctor an exam for them. The institution must be approved by the Emergency Services College.

The passing grades for exams with the Emergency Services College are 75% for Fire Services exams and 80% for Emergency Medical exams. Exams are corrected using LXR software and grades are not "rounded up or down" (e.g. 74.9% is not rounded up to 75%).

**Exam Times:** 7:00 p.m. – 10:00 p.m.

**Cost:** An exam fee may be assessed for missed exams.

**Exam Numbers:** Exam numbers will be determined based on the exam location.

**Exam Dates & Locations:** October 29, 2009 – The Pas – Deadline for Registering October 6, 2009  
November 12, 2009 – Brandon, Winnipeg & Winkler – Deadline for Registering October 20, 2009  
November 30, 2009 – Brandon, Winnipeg & Winkler – Deadline for Registering November 5, 2009  
January 13, 2010 – Brandon, Winnipeg & Winkler – Deadline for Registering December 16, 2009  
February 10, 2010 – Brandon, Winnipeg & Winkler – Deadline for Registering January 19, 2010  
March 10, 2010 – Brandon, Winnipeg & Winkler – Deadline for Registering February 16, 2010  
March 31, 2010 – Brandon, Winnipeg & Winkler – Deadline for Registering March 10, 2010  
April 21, 2010 – Brandon, Winnipeg & Thompson – Deadline for Registering March 26, 2010  
May 12, 2010 – Brandon, Winnipeg & Winkler – Deadline for Registering April 20, 2010  
May 26, 2010 – Brandon, Winnipeg & Thompson – Deadline for Registering May 3, 2010

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## Practical Exams

**Practical Exam Description:** All practical exams for Fire Fighting Practices Level I and II, Hazardous Materials Operations and Driver Operator are done at pre-determined exam sites and students must pre-register for these exams on an Emergency Services College application form 15 working days prior to the scheduled exam date they are planning to attend. Application for practical exams will be reviewed to ensure adequate numbers of students exist to complete testing. Testing requiring team skills may be managed by the Emergency Services College and specified times and dates may be assigned. The Emergency Services College reserves the right to designate a student's test date and time.

**Exam Times:** Thursday and Friday evening exams may start at 7:00 pm.

**Material:** Completed and signed logbook, Personal Protective Clothing.

**Cost:** An exam fee may be assessed for missed exams.

**Exam Numbers:** Exam numbers will be determined based on the exam location.

**Exam Dates & Locations:** October 23, 24 & 25, 2009 – Brandon – Deadline for Registering October 1, 2009  
March 11, 12 & 13, 2010 – Brandon – Deadline for Registering February 18, 2010  
April 8, 9 & 10, 2010 – Brandon – Deadline for Registering March 16, 2010  
April 15, 16 & 17, 2010 – Stonewall – Deadline for Registering March 23, 2010  
April 22, 23 & 24, 2010 – Winkler – Deadline for Registering March 29, 2010  
May 6, 7 & 8, 2010 – Stonewall – Deadline for Registering April 15, 2010  
May 21, 22 & 23, 2010 – Winkler – Deadline for Registering April 29, 2010  
June 4, 5 & 6, 2010 – Brandon – Deadline for Registering May 13, 2010  
June 11, 12 & 13, 2010 – Brandon - Deadline for Registering May 19, 2010

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## Applied Disaster and Emergency Studies Certificates

Certificate of Emergency and Disaster Management  
and

Certificate of Applied Public Safety

These Manitoba Emergency Services College offered certificates complement the Brandon University Applied Disaster and Emergency Studies Program (ADES). They allow students access to education and certificate training courses that will enhance their disaster and emergency studies credentials. Currently, emergency services personnel have limited opportunities to gain qualifications in the areas of advanced emergency and disaster recognition, management, prevention response and recovery. These Certificates create an opportunity for access to advanced learning courses. The intended audience for a certificate would include emergency managers, supervisors, officers and community officials that seek and require advanced learning courses in these areas. This certificate would be applicable to organizational, community and regional understanding and awareness with respect to the management, prevention and recovery from emergencies and disasters

# BU/MESC Certificates

common

Certificate Session

ICS 100

HazMat Awareness

Intro to Disaster Studies

Intro to Emergency Management

- Fire and Life Safety Educator
- CISM - Basic
- CISM - Advanced
- Community Trauma Postvention

- Fire Protection and Emergency Planning
- Risk Management

**Certificate of  
Applied Public  
Safety**

(3 additional BU credits)

**Certificate of  
Emergency &  
Disaster Management**

(3 additional BU credits)



Transfer of credit between institutions has been arranged. Manitoba Emergency Services College will accept Brandon University transcripts showing successful completion of required courses as credit towards certificate completion.

- Introduction to Disaster Studies (3 credit hours)
- Introduction to Emergency Management (3 credit hours) - Available through [www.Campusmanitoba.ca](http://www.Campusmanitoba.ca) e-learning

Brandon University will accept Manitoba Emergency Services College transcripts showing successful completion of Manitoba Emergency Services College component courses as credit towards ADES studies. Manitoba Emergency Services College component (3 credit hours). A student completing both certificates will have a total of twelve (12) credit hours transferable to the ADES Program.



| CERTIFICATE OF APPLIED PUBLIC SAFETY  | CERTIFICATE OF EMERGENCY AND DISASTER MANAGEMENT   |
|---|--|
| <ul style="list-style-type: none"> <li>• ICS 100</li> <li>• Hazardous Materials Awareness</li> <li>• Certificate Session</li> <li>• Fire and Life Safety Educator</li> <li>• Critical Incident Stress Management-Basic</li> <li>• Critical Incident Stress Management-Advanced</li> <li>• Community Trauma Postvention</li> <li>• Introduction to Disaster Studies</li> <li>• Introduction to Emergency Management</li> </ul> | <ul style="list-style-type: none"> <li>• ICS 100</li> <li>• Hazardous Materials Awareness</li> <li>• Certificate Session</li> <li>• Fire Protection and Emergency Planning</li> <li>• Risk Management – An Emergency Services Perspective</li> <li>• Introduction to Disaster Studies</li> <li>• Introduction to Emergency Management</li> </ul> |

### CERTIFICATE SESSION

4 Hours

Prerequisite: None

Course Description: This session is designed to provide the student with an introduction and understanding of the certificate and its application. This session is a tutorial to ensure the student can recognize and apply the certificate concepts and relate them to their specific area of interest, responsibility or study. It is jointly developed and delivered by MESC and BU ADES faculty.

Certification: Students will be issued a Manitoba Emergency Services College transcript upon successful completion.

Cost: \$75.00

### 40:151 INTRODUCTION TO DISASTER STUDIES - Brandon University (On-line)

3 Credit Hours

Prerequisites: Nil

Course Description: This course introduces students to the social construction of hazards and disasters and how these can be minimized through effective risk reduction and emergency management. Multidisciplinary and international case studies are examined with emphasis on the practical implications of differing theoretical perspectives. The fundamental models, theories and concepts at the core of emergency management and future directions in Canada and the world are explored to provide students with a solid foundation for future study.

Certification: Students will be issued a Brandon University transcript upon successful completion.

Cost: [www.brandonu.ca](http://www.brandonu.ca)

### 40:152 INTRODUCTION TO EMERGENCY MANAGEMENT - Brandon University (On-line)

3 Credit Hours

Prerequisites: Nil

Course Description: This course reviews the evolution of the current emergency profession and the growth of hazard and disaster focused research. In doing so, students will examine the development of the fields concepts and practical applications. The four phases of comprehensive emergency management will each yield topics for consideration including hazard mitigation planning, public awareness programs, incident command systems, and community recovery.

Certification: Students will be issued a Brandon University transcript upon successful completion.

Cost: [www.brandonu.ca](http://www.brandonu.ca)