

Hinton Fire Structural & Wildland Training Academy



Program Outline

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COURSE IMPLEMENTATION DATE: May 30, 2016

GENERAL PROGRAM DESCRIPTION:

The Fire Training Certificate program is designed to prepare students for entry level positions in Structural/Forestry Fire Fighting, Industrial Fire Safety, and Medical First Responder positions. Through realistic case-based training, students develop the skills needed to meet the challenges and risks of these demanding occupations. Students may also pursue a multitude of employment opportunities, such as those in the oil and gas, forestry and mining industries. This is an 18-week, full-time program partially on-site at the Town of Hinton Fire Department and at the Hinton Training Centre, providing a unique and authentic training environment.

Program components provide students with the opportunity to earn recognition for a number of essential fire services certifications. Courses which adhere to the standards of the National Fire Protection Association (NFPA) are accredited by the National Board of Fire Service Professional Qualifications (the Pro Board) and The International Fire Service Accreditation Congress (IFSAC). Additional courses earn other highly-relevant Fire Services industry certifications.

Program Information:

Upon successful completion of the program, students receive Pro Board certification for all applicable NFPA-based courses. Industry certifications are provided for other related courses.

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

Time for this program: 18 weeks

Program Outline Author or Contact:

APPROVAL SIGNATURES:

Todd Martens, Fire Chief
Fire Rescue & Bylaw Services Manager

Signature

Bryan Hall, Deputy Chief
Operations and Training

Signature

PROGRAM PREREQUISITES:

Prerequisites:

- Grade 12 or GED equivalent
- 18 years of age or older
- Alberta Class 5 driver's license or equivalent, valid at time of application
- Complete Criminal Record Check (original copy only, current within 6 months of the FTC application deadline)

In addition, applicants must:

- Provide a completed Physical Fitness Test Form (with physician's authorization and applicant waiver)
 - Meet a minimum physical fitness standard in areas of strength, endurance, and mobility – the testing criteria are determined by Hinton Fire Rescue in consultation with Hinton Fire Rescue Fire Advisory Committee
 - An onsite physical fitness test, and a comprehensive interview
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Textbooks and Required Resources:

Texts:

- All required texts are provided

Other Required Resources:

Participants must supply their own:

- Dress shoes, belt & socks (black)
- Binders, writing paper, pens, pencils, etc

The program will provide:

- The use of all turn-out gear and PPE (Personal Protection Equipment) for the duration of the program
- A uniform for each Hinton Fire & Wildfire Training Academy student to keep

Note: Textbooks are subject to change from year to year to maintain the most current standards Learning Outcomes

SPECIAL NEEDS:

A high level of physical ability is required to work in a Fire Fighting or Medical First Responder position (see Program Prerequisites for more information). Any student who feels that he/she may need accommodation for other types of disability (e.g. learning disabilities) is encouraged to contact Hinton Fire Rescue.

PROGRAM DESIGN:

This program includes 3 kinds of courses:

- A. NFPA based courses: The NFPA (National Fire Protection Association) is the primary source of consensus codes and standards for the Fire Service in North America. Pro Board and IFSAC accreditations are internationally-recognized organizations for accrediting NFPA standards. Successful completion of NFPA-based courses at Hinton Fire Rescue merits accreditation by the Pro Board, IFSAC and Hinton Fire Rescue academic credit.
- B. Other Fire Services related courses: These courses, though not Pro Board or IFSAC accredited, are recognized with Hinton Fire Rescue and/or industry-standard certifications.
- C. Continuing Education courses: These courses add considerable value to the Firefighter's resume and knowledge base. Although most of these courses result in industry-recognized certification, they do not earn program academic credit.

PROGRAM COMPONENT COURSES:

A. NFPA based courses

Fire Fighting Practices Level I and II

This course complies with the standards set by NFPA 1001 and provides a foundation of theory and practical skill development for students pursuing a career in the fire services. Topics include the organization of the fire department, standard operating procedures, rules and regulations, safety initiatives, personal protective equipment, tools and equipment, ropes and knots, the chain of command and incident management, fire department communications, and teamwork. The course prepares students for entry-level positions as structural Firefighters, Wildland Fire Suppression Workers and Industrial Safety Officers/Firefighters. The course includes both theory and hands-on activities related to fire safety and emergency response-related skills. Note: before being certified at the Firefighter I level, candidates must have already passed HazMat (NFPA 472) at the Awareness level. Before being certified at the Firefighter II level, candidates must be certified as Firefighter I and have already passed HazMat (NFPA 472) at the Operational level.

Hazardous Materials Awareness

This course complies with the standards set by NFPA 472 (Awareness) and prepares people who may, in the course of their duties, encounter an emergency involving hazardous materials or weapons of mass destruction (WMD). Students learn to recognize the presence of hazardous materials, protect themselves, call for trained personnel, and secure the area. The goal of this course is to enable those on scene of a hazardous materials or WMD incident to apply essential knowledge in a safe and effective manner.

Hazardous Materials Operations

This course complies with the standards set by NFPA 472 (Operations), and builds on the knowledge developed in Hazardous Materials Awareness. At this (Responder) level, students learn the skills and additional knowledge necessary to respond to hazardous materials or weapons of mass destruction (WMD) incident and protect nearby persons, the environment, and property from the effects of the release. Note: before being certified for Hazardous (NFPA 472) at the Operations level, candidates must meet all competencies at the HazMat Awareness level.

Apparatus Driving and Maintenance

This course complies with the standards set by NFPA 1002 (CH.4) and prepares people for the daily duties associated with vehicle maintenance and safe driving operations of fire/medical apparatus.

Fire Apparatus – Pumping Operations

This course complies with the standard set out by NFPA 1002 (CH.5) and prepares people for the daily tasks associated with pump operations and fire ground water supplies. Note: before being certified for the 1002 pump operations level, candidates must meet all competencies at the apparatus driving and maintenance level.

Aerial Operations

This course complies with the standard set out by NFPA 1002 Aerial Apparatus and prepares people for the response, tactics, and operations of fire apparatus equip with an aerial device.

Wildland Firefighter Level 1

This course complies with the standard set out by NFPA 1051 Wildland Firefighter Level 1. This course will provide the candidate with the basic knowledge of fire behaviour, firefighter safety, and methods of attack, water delivery and air operations in the wildland setting.

B. Other Fire Services-Related Courses

Emergency Vehicle Operation

This course develops driver skills through knowledge of both physics and vehicle dynamics in relation to vehicle operations. Through a progressive series of driving exercises, students experience conditions often experienced while driving at higher speeds and under emergency conditions and learn to respond safely and efficiently to a variety of driving conditions while avoiding potential collision situations. Both mental and physical driving skills are emphasized. Successful completion of this course earns a certificate for PDIC.

ICS 200 (Incident Command Systems)

ICS 200 builds on the knowledge acquired in ICS 100, and defines the unique qualities of ICS as an event or incident management system. This course provides an introduction to leadership and management, delegation of authority and management by objectives, functional areas and positions, briefings, organizational flexibility, and transfer of command within an Incident Command System. The focus is the management of single resources, and the training needs of personnel that are likely to assume a supervisory position within the ICS.

C. Continuing Education Courses

Emergency Medical Responder

The Emergency Medical Responder course is for those who wish to upgrade their skills to become an EMR attendant for the ambulance service as per provincial standards.

Workplace Hazardous Material Information System (WHMIS)

WHMIS training is required to meet the Federal Hazardous Products Act requirements for handling hazardous materials in the workplace. This is a half-day course.

Firetack Crew Member – Government of Alberta Certified - Contractor

As a fire attack member certified through the province of Alberta you will have the skills and training necessary to carry out the duties of a fire attack member on the fire line during wildfire operations. This certificate is good for 5 years with the Government of Alberta. 8 Day course

S215 Fire Operations in the Wildland Urban Interface - Contractor

Fire Operations in the Wildland Urban Interface is designed for those who have some prior fire fighting techniques. The course provides participants with the knowledge and skills necessary to size up and evaluate a potential Wildland-Urban Interface (WUI) situation; deploy the necessary resources using safe and efficient strategies and tactics to minimize property damage. Two day course.

Hinton Emergency Services Building

184 Eaton Road
Hinton, AB T7V 1Y5
www.hinton.ca

p: 780.865.6089
f: 780.865.3369
e: fire@hinton.ca

Basic Chainsaw Operations and Safety

This course, designed for entry-level chainsaw operators, focuses on proper saw maintenance and safe use of chainsaws. The course begins with approximately 4 hours of instructor-led presentation, discussion with group and individual assignments, review of relevant OH&S regulations, hands-on work assignments including essential saw maintenance and correct chain filing, proper use of PPE gear, and procedures and techniques for safe chainsaw operation. Following the classroom session, students spend approximately 4 hours in the field reviewing and implementing procedures learned in the classroom. Fieldwork includes recognition of bucking hazards, discussions of saw binds, and practice using proper bucking techniques. Student learning is assessed by a field examination of each student for basic chainsaw operating competency.

COURSES:

Course Section	FIRE Courses (Technical)	Certificate Type	Minimum Mark
NFPA 1001	Fire Fighting Practices Level I and II	IFSAC/Pro Board	70%
NFPA 472	Hazardous Materials Awareness	IFSAC/Pro Board	70%
NFPA 472	Hazardous Materials Operations	IFSAC/Pro Board	70%
NFPA 1002	Driver/Operator	IFSAC/Pro Board	70%
NFPA 1002	Pump Operator	IFSAC/Pro Board	70%
NFPA 1002	Aerial Apparatus Operator	IFSAC/Pro Board	70%
NFPA 1051	Wildland Firefighter Level 1	IFSAC/Pro Board	70%
	ICS 200 (Incident Command Systems)	ICS	80%

Course Section	Skills Competencies / Value Added (ConEd)		Grade Scheme
FI-1	Firetack Crew Member	GOA-Certified (Contractor)	70%
S-215	S215 Fire Operations in the Wildland Urban Interface	GOA-Certified (Contractor)	70%
BCOS	Basic Chainsaw Operations & Safety		
EMR	Emergency Medical Responder	ACP	

Students can expect to develop the following skills in this program:

Essentials, Resource One Online & Classroom Materials

Getting Hired Skills

- Recognize personal skills and attributes
- Write a focused, effective resume
- Write a strong cover letter
- Prepare for an effective job interview
- Use websites to find information about jobs
- Use effective job-finding techniques

Students must maintain an acceptable level of attendance (Training School Policies), complete all assigned projects, and pass all exams to successfully complete the program.

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STUDENT RESPONSIBILITY

Students are expected to follow all Hinton Fire School Policies and Practices as outlined in the Fire Training Certificate Program Student Manual. Students are expected to adhere to the program's policy regarding wearing the uniform. Regular attendance is required for success in this program. Competency in the techniques and methods requires significant supervised practice.

Worker's Compensation Board regulations apply to this program. Students are expected to behave accordingly. Students must wear appropriate personal protective equipment (PPE) when/as assigned.

Safety procedures must be followed while working on practical and applied skills. If an incident occurs, no matter how minor, it must be reported to the instructor or program coordinator immediately.

OFF-CAMPUS TRIPS

This program includes a number of off-site training activities in a variety of locations (e.g. live fire training ground, EVO driving practice, and search and rescue hall, etc.). Students ARE REQUIRED to supply their own transportation for such trips. Students are expected to follow all policies and procedures when participating in off-campus activities.

EXAM POLICY

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

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

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

PROGRAM CHANGES

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