

FIRE SERVICE PREPARATION

CERTIFICATE - 16 CREDITS

About this program

The Fire Service Preparation program provides individuals interested in a career in fire service with the basic knowledge and skills to meet International Fire Service Accreditation Congress (IFSAC) or Proboard certifications and EMT registry requirements. Participants in the Fire Service Preparation program will be actively involved with technical hands-on training to ensure familiarity with all entry-level aspects of fire service. Upon completion of the certificate, students will be eligible for the State of Minnesota firefighter license after employment with a career fire department.

Program outcomes

1. Safely respond to emergency incidents.
2. Demonstrate proper use of fire department communication equipment.
3. Demonstrate proper ventilation techniques.
4. Demonstrate techniques for rescuing individuals from vehicles, collapsed structures and confined spaces.
5. Demonstrate proper uses of personal protective equipment, including self-contained breathing apparatuses.
6. Perform decontamination techniques for emergency personnel, victims and equipment.
7. Demonstrate basic lifesaving skills including CPR, bleeding and shock control, response to breathing difficulties, splinting fractures and dislocations, and assessment of medical emergencies.
8. Employ proper procedures during a commercial inspection.
9. Research applicable fire codes and fire statistics.
10. Complete required reports after an emergency incident, inspection and preplan of a facility.
11. Demonstrate evidence preservation after a fire to aid in investigation.
12. Understand basic components of fire detection, extinguishing methods and fire suppression systems.

Curriculum overview

Crds	Requirement type
16	Required courses
16	Total

Developmental courses note: A student may be required to enroll in developmental courses in reading, writing and math. A student's scores on the Accuplacer assessment will determine enrollment in developmental courses. The purpose of developmental courses is to prepare students for the demands of a college-level curriculum. *Credits may vary.*

Accreditation: Minnesota State Community and Technical College is accredited by the Higher Learning Commission, a regional accreditation agency recognized by the U.S. Department of Education. The Higher Learning Commission 230 South LaSalle Street, Suite 7-500 Chicago, IL 60604-1411 <http://www.ncahigherlearningcommission.org> Phone: 312.263.0456 / 800.621.7440

Curriculum requirement details

Required courses

Course	Credits
FIRE1110 - Firefighter I	1
FIRE1111 - Firefighter Skills I	2
FIRE1114 - Firefighter II	2
FIRE1115 - Firefighter Skills II	2
FIRE1150 - HazMat Operational	3
HLTH2215 - EMT Basic	6

Other requirements or restricted electives

Course summaries

FIRE1110 - Firefighter I (1 credits)

This course covers the objectives of the Minnesota Fire Service Certification Board for certification as a Firefighter I. The MFSCB objectives are based on National Fire Protection Association 1001: Standard for Fire Fighter Professional Qualifications. This will prepare the student to function at or above the minimum level of training for entry into a fire protection career field.

Corequisites:

- FIRE1111

FIRE1111 - Firefighter Skills I (2 credits)

This course covers the objectives of the Minnesota Fire Service Certification Board for certification as a Firefighter I. The MFSCB objectives are based on National Fire Protection Association 1001 Standard for Fire Fighter Professional Qualifications. This will prepare the student to function at the minimum level of training for entry into a fire protection career field.

FIRE1114 - Firefighter II (2 credits)

This course covers the objectives of the Minnesota Fire Service Certification Board for certification as a Firefighter II. The MFSCB objectives are based on National Fire Protection Association 1001: Standard for Fire Fighter Professional Qualifications. This will prepare the student to function at or above the minimum level of training for entry into a fire protection career field.

Prerequisites:

- FIRE1110

Corequisites:

- FIRE1115

FIRE1115 - Firefighter Skills II (2 credits)

This course covers the objectives of the Minnesota Fire Service Certification Board for certification as a Firefighter II. The MFSCB objectives are based on National Fire Protection Association 1001: Standard for Fire Fighter Professional Qualifications. This course will prepare the student to function at or above the minimum level of training for entry into a fire protection career field.

Prerequisites:

- FIRE1111

FIRE1150 - HazMat Operational (3 credits)

This course is designed to teach the necessary skills to protect yourself, your fellow responder and the public from exposure in a hazardous materials incident. The course meets the requirements of the OSHA (Occupational Safety and Health Administration) 1910.120 for the First Responder Operation level. The student will learn how to recognize and identify the presence of hazardous materials, the proper protective clothing to use, how to decontaminate properly, how to establish an Incident Command System and the proper standard operating procedures to maintain safety at the incident scene. The course follows the NFPA (National Fire Protection Association) Standard 472 requirements for the First Responder Operational level.

HLTH2215 - EMT Basic (6 credits)

This course follows the current National Standard Curriculum and will include all skills and classroom information necessary to provide emergency care at the basic life support level. Modules presented include preparation of the EMT-B, airway, patient assessment (medical and trauma), medical/behavioral emergencies and OB/GYN, trauma, infants and children, ambulance operations and interventions (medications and semi-automatic defibrillation). Upon successful completion of the EMT-B course, the student will be eligible to take the state/national registry computer and practical examinations.

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Program Plan — "Fire Service Prep Fall Sequence"

Locations: Moorhead

1st Fall Term (16 credits)

Courses

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