

MOORHEAD FIRE & RESCUE SCHOOL

**Saturday & Sunday
March 6 & 7, 2027**

*Minnesota State Community
& Technical College*



TWO DAY CLASSES

Saturday & Sunday -- 12 hours

1 Auto Extrication Basic – All Equipment

Hands-On Class

*Protective Clothing and Eye Protection required

FOR: All Fire & Rescue Personnel

OBJECTIVE: This course will give the students the basic techniques to safely respond to and operate at an emergency involving an automobile type vehicle. Students will learn about the concepts of scene size-up, patient disentanglement and removal, and tool safety. Students will demonstrate proper vehicle stabilization and proper extrication techniques. This course will give students hands-on experience with various types of hydraulic equipment and hand tools. This course meets components of the NFPA 1006 & 1670 Standards.

2 Basic Fire Pump Operations

Hands-On Class

*Full Turnout Gear required

FOR: Firefighter/Fire Apparatus Operators

OBJECTIVE: This course introduces students to fire pump theory inside and out, proper use of pumps and accessories (staging valve, relief valve, primer, road/pump shift, etc.) Students will be introduced to fundamentals of hydraulics, water supplies, water flows, hydraulic terms, preventive maintenance, proper operations, reports, and record keeping. This course will also cover fire ground hydraulics, hands on evolutions, drafting and water jetting, pre-connected hose lays, valves (long/short hose lay simultaneous), staging and/or transfer valve capacity pumping. This course meets components of the NFPA 1002 Standard.

3 Fire Investigation Operations

NEW

FOR: Fire Officers that could end up as IC on a fire response

OBJECTIVE: Did you know that if you are the IC, it is YOUR JOB (by state statute) to ensure that the fire you are on gets investigated? A mixture of presented information along with exercises and practice, instructors from the MN State Fire Marshal Division Investigations will take you step-by-step through the basics of what you need to know to meet statutory requirements. You will learn how to successfully document fires when you know the cause. This class is vital for new fire officers and rural fire chiefs to give you the knowledge & tools to successfully investigate and document the fires in your jurisdiction.

4 New Firefighter Orientation to Fire Behavior, Safety, PPE/SCBA, Ladders & Hose

Hands-On Class

*Full Turnout Gear and SCBA required

FOR: New Fire Service Personnel

OBJECTIVE: After completing this orientation, the student will have received very limited information on these subjects. This class is designed as an orientation to these subjects until the student can enroll in Firefighter I training. This course meets components of the NFPA 1001 Standard.

5 NFA - Leadership in Supervision: Frameworks to Success

This is a National Fire Academy Course

FOR: All Fire & Rescue Personnel

OBJECTIVE: This course provides the student with the knowledge and skills to perform successfully in the fire and EMS environments. The course addresses professionalism, resilience, emotional intelligence, and situational awareness, as well as managing conflict, delegating, mentoring, coaching, empowering, and building collaboration and synergy for professional growth.

6 NFA – Training Operations in Small Departments

This is a National Fire Academy Course

FOR: All Fire & Rescue Personnel

OBJECTIVE: This course is designed to provide students with some basic tools and skills to coordinate training in a small fire/EMS organization. A training function in a smaller department typically may include conducting training drills and coordinating training with a nearby larger city or State training function.

NFA COURSE INFORMATION

If you are taking a NFA course, you must have a FEMA Student Identification (SID) number.

Please go to

<https://cdp.dhs.gov/femasid/register>
to obtain a SID number. Closer to the start of class, a link will be sent for you to pre-register for the class which must be completed prior to the school.

SATURDAY ONLY CLASSES

8 hours

- 7 **Building the Fire Officer**
FOR: All Fire & Rescue Personnel
OBJECTIVE: This course is designed for the modern-day fire service officer performing as the supervisor of a fire ground company or crew. Students will have an understanding of leadership concepts, coaching the best performance out of their crew and creating a task driven fire company that functions in a safe and efficient manner at the completion of the course. This course will help your organization to identify and develop the individuals that will become the officers of tomorrow. Utilizing Firefighter Close-Call incident reports and other media resources will point out the dramatic need for change in this area of the fire service. This course meets components of the NFPA 1021 Standard.
- 8 **Hose Deployment & Advancement**
Hands-On Class
***Full Turnout Gear and SCBA required** 
FOR: All Fire & Rescue Personnel
OBJECTIVE: Firefighters must be able to pull hose from an apparatus to fight fire during emergencies. There are many different hose loads and methods to deploy the initial line. This course will show different techniques to ensure the line comes off effectively and efficiently with minimum staff. This course meets components of the NFPA 1001 Standard.
- 9 **Rapid Intervention Teams**
Hands-On Class
***Full Turnout Gear and SCBA required**
FOR: All Fire & Rescue Personnel
OBJECTIVE: This course is designed to teach the firefighter to be a member of a Rapid Intervention Team. The students will learn various ways to rescue a firefighter who is in need of rescue as well as self-rescue techniques. This course meets components of the NFPA 1001 Standard.

SATURDAY ONLY CLASSES

8 hours

- 10 **Rope Systems - Mechanical Advantage/Anchoring**
Hands-On Class
This class is NOT a rappelling class.
FOR: All Fire & Rescue Personnel
OBJECTIVE: This course is designed to instruct students in the use of mechanical advantages in low/high angle rope rescue-based operations. The course will explain the process of evaluating available anchor points when conducting rope rescue-based operations. Students will participate in simulations of low/high angle, confined space rescue, and movement of equipment, rescuers and patients. Basic to intermediate training concepts and techniques for students (basic knots, anchors, & mechanical advantage systems) will be addressed. This course meets components of the NFPA 1006 & 1670 Standards.
- 11 **Search Techniques**
Hands-On Class
***Full Turnout Gear, SCBA & 1 Spare Bottle required**
FOR: All Fire & Rescue Personnel
OBJECTIVE: This course is designed to provide the firefighter with the basic understanding of search techniques during an emergency situation. Students will also learn advanced techniques while participating in SCBA confidence skills. The students will improve their skills in making decisions prior to performing a search and having alternatives to the search during the emergency. This course will test the student's ability to maneuver in tight or limited spaces. This course meets components of the NFPA 1001 & 1006 Standards.

All courses have been approved
by the
Minnesota Board of Firefighter
Training & Education

4 HOUR CLASSES

SATURDAY AM CLASSES

- 12 **Apparatus: Beyond the Pump**
FOR: All Fire & Rescue Personnel
OBJECTIVE: The United State Fire Administration estimates apparatus crashes accounts for about 27% of all line-of-duty deaths. This class will equip firefighters with the knowledge and skills to be safer behind the wheel. This assures a safe response, arrival & return to the station. Focus will be on every part of the fire apparatus except the pump and aerial device. Learn what your apparatus is going to do, when it is going to do it, why it is going to do it & how to understand all that is happening. This course meets components of the NFPA 1002 & 1006 Standards.
- 13 **Basics of Air Monitoring**
FOR: All Fire & Rescue Personnel
OBJECTIVE: This course will give the participants an understanding of the importance of air monitoring and how it relates to fire fighter and civilian safety. Commonly encountered hazardous atmospheres such as Flammable, Toxic, and Oxygen Deficient/Enriched will be discussed. Considerable time will be spent utilizing a standard 4 gas monitor, interpreting its readings, and taking appropriate incident actions based off the readings. Students are encouraged, if able, to bring their agency's 4 gas monitor to class. This course meets components of the NFPA 472 Standard.
- 14 **Bumps, Bruises & Successes of Fire Officers**
****Limit of 3 participants per department***
FOR: All Fire Officers
OBJECTIVE: This course is an information sharing discussion towards the fire officer in today's fire service. We will use the experiences of the attendees to find solutions to the current hot topics challenging today's fire officers. Learning experiences come from both successful and failed attempts to find solutions to difficult problems. The issues discussed will be relevant to any size & type of department. Be prepared to share your learning lessons with the class. Round table discussions will include, but not limited to; training, department funding, SOP's/SOG's, recruitment & retention and dealing with governing bodies. This class will be facilitated by Ryan Muchow, Fire Chief, Fergus Falls and Gary Larsen, Retired Battalion Chief, Moorhead.. This course meets components of the NFPA 1021 Standard.

4 HOUR CLASSES

SATURDAY AM CLASSES

- 15 **First Due - The Initial Response of an Incident**
FOR: All Fire & Rescue Personnel
OBJECTIVE: This course will cover several aspects that the First Arriving Engine Company will have to consider with limited staff. Students will learn situational awareness, size-up factors, building construction features and incident priorities. This course meets components of the NFPA 1001 & 1021 Standards.
- 16 **Forcible Entry for the Fire Service**
Hands-On Class
****Full Turnout Gear required***
FOR: All Fire & Rescue Personnel
OBJECTIVE: This course will explain the proper techniques and tools used during the challenging task of gaining entry to a building. Students will learn about building construction in doors, windows and wall construction. Students will be demonstrating different techniques using a variety of tools to gain access. This course meets components of the NFPA 1001 Standard.
- 17 **Improving Communication & Decision Making Under Stress**
FOR: All Fire & Rescue Personnel
OBJECTIVE: Firefighters have been recognized as being excellent decision-makers under stress. So much so that the US military hired Gary Klein to study incident commanders & bring back what he learned about their decision-making processes to the military. But what influences firefighters' decision making? What hampers its? How can it be improved? How does communication play a role in all of it? What influences communication under stress? The answers to these questions are often underlying causes of LODDs. Understanding what influences communication and decision making so that a firefighter or IC can compensate for it provides the opportunity to improve situational awareness and emergency scene safety while reducing firefighter injuries and LODDs. This course meets components of the NFPA 1021 Standard.

4 HOUR CLASSES

SATURDAY PM CLASSES

- 18 **Apparatus: Beyond the Pump**
FOR: All Fire & Rescue Personnel
OBJECTIVE: The United State Fire Administration estimates apparatus crashes accounts for about 27% of all line-of-duty deaths. This class will equip firefighters with the knowledge and skills to be safer behind the wheel. This assures a safe response, arrival & return to the station. Focus will be on every part of the fire apparatus except the pump and aerial device. Learn what your apparatus is going to do, when it is going to do it, why it is going to do it & how to understand all that is happening. This course meets components of the NFPA 1002 & 1006 Standards.
- 19 **Basics of Air Monitoring**
FOR: All Fire & Rescue Personnel
OBJECTIVE: This course will give the participants an understanding of the importance of air monitoring and how it relates to fire fighter and civilian safety. Commonly encountered hazardous atmospheres such as Flammable, Toxic, and Oxygen Deficient/Enriched will be discussed. Considerable time will be spent utilizing a standard 4 gas monitor, interpreting its readings, and taking appropriate incident actions based off the readings. Students are encouraged, if able, to bring their agency's 4 gas monitor to class. This course meets components of the NFPA 472 Standard.
- 20 **Bumps, Bruises & Successes of Fire Officers**
****Limit of 3 participants per department***
FOR: All Fire Officers
OBJECTIVE: This course is an information sharing discussion towards the fire officer in today's fire service. We will use the experiences of the attendees to find solutions to the current hot topics challenging today's fire officers. Learning experiences come from both successful and failed attempts to find solutions to difficult problems. The issues discussed will be relevant to any size & type of department. Be prepared to share your learning lessons with the class. Round table discussions will include, but not limited to; training, department funding, SOP's/SOG's, recruitment & retention and dealing with governing bodies. This class will be facilitated by Ryan Muchow, Fire Chief, Fergus Falls and Gary Larsen, Retired Battalion Chief, Moorhead.. This course meets components of the NFPA 1021 Standard.

4 HOUR CLASSES

SATURDAY PM CLASSES

- 21 **Forcible Entry for the Fire Service**
Hands-On Class
****Full Turnout Gear required***
FOR: All Fire & Rescue Personnel
OBJECTIVE: This course will explain the proper techniques and tools used during the challenging task of gaining entry to a building. Students will learn about building construction in doors, windows and wall construction. Students will be demonstrating different techniques using a variety of tools to gain access. This course meets components of the NFPA 1001 Standard.
- 22 **Relief Association**
****Bring your Association Bylaws and Records***
FOR: All Relief Association Officers & Trustees
OBJECTIVE: This course will explain relief associations in MN. Students will learn the responsibilities of the association & its trustees; the different types of relief associations in MN; investment options; bylaws; and an overview of the laws that apply to relief associations.
- 23 **Thermal Imaging Units**
Hands-On Class
****Full Turnout Gear and SCBA required***
FOR: All Fire & Rescue Personnel
OBJECTIVE: This course will provide training on different types of TICs and how to best utilize what they have at their disposal. Students will get an in-depth view of what their camera is showing them, how to understand it and what to do with that information. Student will learn the limitations of not being able to see through smoke, windows and other objects. This course meets components of the NFPA 1801 Standard.
- 24 **Transitional or Offensive Attack? Which One, When & Why?**
FOR: All Fire & Rescue Personnel
OBJECTIVE: This course examines the advantages and disadvantages of transitional and offensive operations modes in firefighting. Drawing on research data from UL/FRIS, you will explore how fire streams affect flow paths and how each operational mode impacts victim survivability differently. Class discussion will center on the findings from these studies alongside real-world data from the Firefighter Rescue Survey. Based on various scenarios, learners will determine which operational mode is more appropriate for specific situations, enhancing decision-making in the field. This course meets components of the NFPA 1001 & 1700 Standards.

4 HOUR CLASSES

SUNDAY CLASSES

- 25 **Apparatus: Beyond the Pump**
FOR: All Fire & Rescue Personnel
OBJECTIVE: The United State Fire Administration estimates apparatus crashes accounts for about 27% of all line-of-duty deaths. This class will equip firefighters with the knowledge and skills to be safer behind the wheel. This assures a safe response, arrival & return to the station. Focus will be on every part of the fire apparatus except the pump and aerial device. Learn what your apparatus is going to do, when it is going to do it, why it is going to do it & how to understand all that is happening. This course meets components of the NFPA 1002 & 1006 Standards.
- 26 **Failure on the Fire Ground: Recognizing Signs & Symptoms**
FOR: All Fire & Rescue Personnel
OBJECTIVE: This course is designed for any frontline or chief officer that is going to be in charge of the fire ground and all other firefighters working on the fire ground for the first 10-15 minutes of an incident. The majority of "MAYDAY's", flashover, rapid fire growth situations and structural failure events occur within the first 10-15 minutes of an incident. This course will focus on picking out the signs and symptoms that your "Plan-A" is not working or falling apart. Topics will include creating a safe fire ground, efficient and effective company procedures, smoke reading skills, action plan establishment & re-evaluation, and communications. An examination of incidents that have gone wrong will be discussed.. This course meets components of the NFPA 1021 Standard.
- 27 **First Due - The Initial Response of an Incident**
FOR: All Fire & Rescue Personnel
OBJECTIVE: This course will cover several aspects that the First Arriving Engine Company will have to consider with limited staff. Students will learn situational awareness, size-up factors, building construction features and incident priorities. This course meets components of the NFPA 1001 & 1021 Standards.
- 28 **Forcible Entry for the Fire Service**
Hands-On Class
***Full Turnout Gear required**
FOR: All Fire & Rescue Personnel
OBJECTIVE: This course will explain the proper techniques and tools used during the challenging task of gaining entry to a building. Students will learn about building construction in doors, windows and wall construction. Students will be demonstrating different techniques using a variety of tools to gain access. This course meets components of the NFPA 1001 Standard.

4 HOUR CLASSES

SUNDAY CLASSES



- 29 **Relief Association**
***Bring your Association Bylaws and Records**
FOR: All Relief Association Officers & Trustees
OBJECTIVE: This course will explain relief associations in MN. Students will learn the responsibilities of the association & its trustees; the different types of relief associations in MN; investment options; bylaws; and an overview of the laws that apply to relief associations.
- 30 **Thermal Imaging Units**
Hands-On Class
***Full Turnout Gear and SCBA required**
FOR: All Fire & Rescue Personnel
OBJECTIVE: This course will provide training on different types of TICs and how to best utilize what they have at their disposal. Students will get an in-depth view of what their camera is showing them, how to understand it and what to do with that information. Student will learn the limitations of not being able to see through smoke, windows and other objects. This course meets components of the NFPA 1801 Standard.
- 31 **Wildland Firefighting for Structural Firefighters**
FOR: All Fire & Rescue Personnel
OBJECTIVE: This course will cover the size-up and initial attack of wildland fires as well as fire ground tactics for natural cover fires. Topics covered will include PPE for wildland response, proper use of vehicles for natural cover fire attack, managing multi-agency responses, back burns for extinguishment & property protection, and how to determine defensible space for structure protection in the urban interface. Case studies from wildland fires across the Midwest will be used to help with decision making for first arriving units. Table top scenarios will be used to practice what was learned. This course meets components of the NFPA 1051 Standard.

CONTACT PERSONS:

Denice Brewer & Ryan Letness
M State Workforce Development Solutions
(218) 299-6576 or 800-426-5603 ext. 6576
denice.brewer@minnesota.edu
Fax: (218) 846-3705

TIME SCHEDULE

Friday, March 5, 2027.....M State – Moorhead
5:00 pm - 7:00 pm - Early Registration

Saturday, March 6, 2027.....M State – Moorhead
6:45 am - 8:00 am - Registration 1900 28th Ave. So.
8:00 am - 5:00 pm - Classes

Sunday March 7, 2027.....M State – Moorhead
8:00 am - 12 noon - Classes

REGISTRATION

Participants must preregister so that arrangements can be made for meals, class space and instructors. Noon lunch on Saturday and coffee breaks will be at the school site. **Due to advanced commitments and special arrangements for instructors, food and materials, we cannot issue refunds for tuition. Substitutes are encouraged and welcomed.**

EARLY REGISTRATION BY February 19, 2027

12 Hours - \$185.00 8 Hours - \$145.00 4 Hours - \$110.00

LATE REGISTRATION AFTER February 19, 2027

12 Hours - \$195.00 8 Hours - \$155.00 4 Hours - \$120.00

We reserve the right to cancel classes due to lack of enrollment.

HOTELS

You **MUST MAKE YOUR OWN RESERVATIONS** to ensure a room. When making reservations, identify yourself as being a participant with the “MN Fire & Rescue School” to qualify for any special rates.

The room blocks will be released on February 3, 2027.

For a listing of all hotels and area attractions, please visit the Fargo-Moorhead Convention & Visitors Bureau website – www.fargomoorhead.org.

HOLIDAY INN EXPRESS - WEST ACRES www.ihg.com	1040 40th St. So. Fargo, ND	701-282-2000
HOLIDAY INN www.fargohi.com	3803 13th Ave. So. Fargo, ND	701-282-2700

REGISTRATION FORM

Please indicate the **COURSE NUMBER** of your 1st & 2nd choice.

PLEASE PRINT CLEARLY		Saturday				Sunday	
Name	Email	1st am	2nd am	1st pm	2nd pm	1st	2nd
Department:							
Department Address:							
Contact Person:				Phone:			
Contact Person E-Mail:							

Mail, Fax, Email or Phone Registrations to:

Mail: MN State Community & Technical College
Attn: Denice Brewer
1900 So. 28th Ave.
Moorhead, MN 56560

Fax: 218-846-3705

Email: denice.brewer@minnesota.edu

Phone: 218-299-6576

Checks Payable to: M State (or an invoice can be sent to the department)