

# **MOORHEAD FIRE & RESCUE SCHOOL**



**Saturday & Sunday  
April 17 & 18, 2021**

*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 **Introduction to Human Tracking**   
**Hands-On Class**  
***(Come prepared & dressed for the weather, ready to spend Saturday and Sunday "in the dirt".***  
**\*Bring a 3 foot dowel rod or stick (an old ski pole works well), a small tape measure, and optional – a small flashlight**  
FOR: All Fire & Rescue Personnel  
OBJECTIVE: Everywhere people walk, they leave evidence of their passage. Human tracking is a reliable first-response resource in the Search & Rescue (SAR) and Law Enforcement disciplines used to identify and follow the tracks of subjects as well as to "tell the story on the ground". Almost anyone can learn to track or see "signs" – it is only a matter of conditioning your brain to interpret what your eyes are already perceiving. Knowledge of human tracking will forever than the way you look at the ground. The course will acquaint you with the Step-by-Step (SBS) method of human tracking. This course meets components of the NFPA 1006 Standard.
- 4 **Relief Association - In-Depth Review**  
**\*Bring your Association Bylaws and Records if you have areas of concern**  
FOR: All Relief Association Officers, Trustees & Members  
OBJECTIVE: This course will review state statutes that control how the relief association runs. Students will learn the outside agencies that control or can be of assistance, new statutes affecting your relief association in the future and proposed changes you will need to adapt in the near future. Discussions will include pension plans, bylaws, best practices, policies, relationships, investing and statewide plan.
- 5 **Strategies & Tactics in the First 15 Minutes**  
FOR: All Fire & Rescue Personnel (especially interior attack and command officers)   
OBJECTIVE: This course will examine the most practical tactics and strategies being used today and will illustrate how to apply them during the fire attack. Focus will be placed on water supply and the first 15 minutes of on-scene actions at a working structure fire. The course is designed to encourage a discussion on how modern fire attack methodology can fit into the rural and city environments of greater Minnesota. This course meets components of the NFPA 1021 Standard.

# SATURDAY ONLY CLASSES

**8 hours**

## 6 **First Arriving Fire Officer**

**FOR:** All Fire & Rescue Personnel

**OBJECTIVE:** This course is designed for new officers and firefighters who may be in the riding assignment as well as a good refresher for existing officers. Participants will receive an overview and information on the responsibilities of the first arriving officer at incidents. Using table top scenarios the fire ground officers will be prepared for the duties and responsibilities during the first critical hours of an incident. This course meets components of the NFPA 1021 Standard.

## 7 **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**

## 8 **Rural Water Supply**

**Hands-On Class**



**\*Full Turnout Gear required**

**FOR:** All Fire & Rescue Personnel

**OBJECTIVE:** This course is designed to provide the student with the knowledge of what it takes to be successful when performing rural water supply operations during fire situations. Students will gain knowledge in the roles of a water supply officer, calculating fire flows, volume of water needed for operations, mutual aid and drafting & jetting pump operations. This course meets components of the NFPA 1002 Standard.

## 9 **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**

- 10 **Leadership vs. Management**  
FOR: All Fire & Rescue Personnel  
OBJECTIVE: This course introduces students to the differences between fire service leadership and management. The focus of the course will be on how to blend the two differences which will enhance the students understanding and help them develop the skills to lead and manage their department. Students will be given examples of leadership concepts and management styles. This course meets components of the NFPA 1021 Standard.
- 11 **Passenger Elevator Fire Service & Emergency Evacuation Procedures**  
FOR: All Fire & Rescue Personnel  
OBJECTIVE: This course is designed for firefighters that have elevators and elevator equipment in their jurisdiction and they respond to emergency calls. This course will cover fire service operations on various types of elevator equipment along with code regulations. Emergency evacuation procedures on various types of equipment will also be covered. Hands-on training will be included. This course meets components of the NFPA 1001 Standard.

## **4 HOUR CLASSES**

### **SATURDAY AM CLASSES**

- 12 **Running a Fire Department off the Scene**  
FOR: All Fire & Rescue Personnel  
OBJECTIVE: Many people see firefighting from the aspect of responding to fires on big, shiny engines and rescuing people from burning buildings. The truth is that while those things happen occasionally, the job can entail more about the preparation for those events than responding to them. This course will identify the different aspects it takes to run a fire department. Department meetings, fundraising coordination, maintenance and care of tools & equipment, training, engaging volunteers, budgets and planning all take time & effort to make a department successful. This course is for all emergency response personnel who are interested in learning new ideas to make their department more proficient. This course meets components of the NFPA 1021 Standard.
- 13 **Those Bombs aren't Dropping on You! - Avoiding Poor Decisions on the Fire Ground**  
FOR: All Fire & Rescue Personnel  
OBJECTIVE: Every high consequence organization, including fire departments, can fall into emergency communication traps that erode situational awareness. This can lead to poor decision making, injuries or deaths, increased property loss, and civil liabilities. The answer to reducing this starts away from the emergency scene by building leadership in officers and crew cohesiveness. This class relies heavily on audio and video from incidents to support discussion on communication errors made, the root causes, and potential solutions to reduce a recurrence in the future. This course meets components of the NFPA 1021 Standard.

## **4 HOUR CLASSES**

### **SATURDAY PM CLASSES**

- 14 **Fire's Out, Now What?  
An Introduction to Fire Investigations**  
FOR: All Fire & Rescue Personnel  
OBJECTIVE: Fire investigations are both an art and a science, with this course walking you through the process. On-scene considerations, partner agencies, photography, supplies to have on hand, interviews, cause and origin using the scientific method and report writing will be covered. In addition to bread and butter fires, you will review fires involving arsonists and fatalities. This class is tailored towards newer investigators and individuals with an interest in fire investigations. This course meets components of the NFPA 1031 Standard.
- 15 **Passenger Elevator Fire Service & Emergency Evacuation Procedures**  
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## **4 HOUR CLASSES**

### **SATURDAY PM CLASSES**

- 16 **The Art of Reading Smoke**  
FOR: All Fire & Rescue Personnel  
OBJECTIVE: One of the most important size-up skills an officer can have is the ability to capture, in an instant, the size of a fire and the potential for a rapid hostile fire event like flashover or smoke explosion. Often, smoke coming from a structure is the only clue available to predict fire behavior. This course meets components of the NFPA 1001 Standard.
- 17 **Top 10 Fire Scene Mistakes and How to Avoid Them**  
FOR: All Fire & Rescue Personnel  
OBJECTIVE: Every year, over 100 fire fighters are killed and scores more are injured on the fire ground. Interestingly, virtually every one of these deaths or injuries can be placed into ten categories that can best be described as common mistakes. This class will provide an overview of these "top ten" fire scene mistakes and will offer solutions to reducing these common problems. This course meets components of the NFPA 1021 Standard.

## 4 HOUR CLASSES

### SUNDAY CLASSES

- 18 **Forcible Entry for the Fire Service**  
*Hands-On Class*  
**\*Full Turnout Gear and SCBA 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.
- 19 **Introduction to Grain Storage & Grain Dryer Fires**  
**FOR:** All Fire & Rescue Personnel  
**OBJECTIVE:** This course is an overview on handling grain storage & grain dryer incidents. Students will be introduced to procedures to manage and extinguish fires in a grain dryer and grain bin storage tanks. Students will have an understanding of the storage tanks and dryer operations which will aid in a more efficient and safe extinguishment of fires. The challenges of the hazards associated with grain bin & grain dryer incidents will be discussed such as removal of product, tactics, hose movement and water supply. This course meets components of the NFPA 1670 Standard.
- 20 **Leadership vs. Management**  
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## 4 HOUR CLASSES

### SUNDAY CLASSES

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- 24 **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 & Rick Loveland,  
M State Workforce Development Solutions  
(218) 299-6576 or 800-426-5603 ext. 6576  
[denice.brewer@minnesota.edu](mailto:denice.brewer@minnesota.edu)  
Fax: (218) 291-4266

## ***TIME SCHEDULE***

**Friday, April 16, 2021**.....M State – Moorhead  
5:00 pm - 7:00 pm - Early Registration

**Saturday, April 17, 2021**.....M State – Moorhead  
6:45 am - 8:00 am - Registration  
8:00 am - 5:00 pm - Classes

**Sunday, April 18, 2021**.....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 April 2, 2021***

***12 Hours - \$130.00      8 Hours - \$100.00      4 Hours - \$85.00***

### ***LATE REGISTRATION AFTER April 2, 2021***

***12 Hours - \$140.00      8 Hours - \$110.00      4 Hours - \$95.00***

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

# COVID-19 SAFETY GUIDELINES

As of February 23, the following guidelines are in effect on our campus:

- Masks must be worn on campus
- Everyone needs to fill out a health assessment when entering campus

Prior to the fire school, I will be sending out an email with updated information on the guidelines for the school.

# 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. For a listing of all hotels and area attractions, please visit the Fargo-Moorhead Convention & Visitors Bureau website – [www.fargomoorhead.org](http://www.fargomoorhead.org).

HOLIDAY INN	Rate: \$99.00	3803 13th Ave. So. Fargo, ND	701-282-2700
RAMADA BY WYNDHAM	Rate: \$99.00	3333 13 <sup>TH</sup> Ave. So. Fargo, ND	701-235-3333



# REGISTRATION FORM

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

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

## **Mail, Fax, Email or Phone Registrations to:**

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

*Fax:* 218-291-4266

*Email:* denice.brewer@minnesota.edu

*Phone:* 218-299-6576

**Checks Payable to:** M State