



# 24th Annual

Northwestern Area Training Academy

# NATA

EDUCATIONAL CONFERENCE



November 6th & 7th, 2021

Sponsored by:

**Northwestern Area  
Training Academy**

*in cooperation with*



**IOWA CENTRAL  
COMMUNITY COLLEGE**

# Schedule

## Saturday, November 6, 2021

7:30 - 8:30 am

Registration, Exhibits &  
Continental Breakfast

*(Career Education Building)*

8:30 - 8:50 am

Welcome & Opening Remarks

9:00 am - 12:00 Noon

Classes in session & Exhibits

12:00 Noon - 1:00 pm

Lunch *(provided)* & Exhibits

*(Career Education Building)*

1:00 - 4:00 pm

Classes in session & Exhibits open

## Sunday, November 7, 2021

7:30 - 8:30 am

Registration, Exhibits &  
Continental Breakfast

*(Career Education Building)*

9:00 am - 12:00 Noon

Classes in session & Exhibits

12:00 Noon - 1:00 pm

Lunch *(provided)* & Exhibits

*(Career Education Building)*

1:00 - 4:00 pm

Classes in session

### Exhibits:

Exhibits will be located in the Career Education Building of the Iowa Central Community College.

Saturday . . . . . 7:30 am - 4:00 pm

Sunday . . . . . 7:30 am - 1:00 pm

*A special thanks to all the vendors who supplied equipment, and to Region V Hazardous Materials Response Commission for all of their support. We would also like to thank the Fire Service Training Bureau for all their support.*

# Welcome

We hope you will take the opportunity to join us and participate in the valuable learning experiences offered at the **24th Annual NATA Educational Conference.**

A variety of quality training opportunities, both classroom and hands-on, will be offered in the traditional **3-Hour Classes, One-Day Classes,** and **Two-Day Classes** format.

Please pay special attention to the class descriptions for information on length of class, what day(s) it will be offered, as well as the protective equipment requirements and prerequisites.

All registration is being conducted online through Iowa Central Community College. You will find links available on each page to register for the classes you wish. You can also search for some classes by their course number at <https://bit.ly/2021NATA>.

Iowa Central Community College has approved Continuing Education Hours (CEHs) for EMS personnel in a number of the classes offered. Watch for these icons when selecting your classes:



Fire



EMS



# 3-Hour Classes

Saturday AM & Sunday AM

## Airway Management and Ventilation & Cardiac Emergencies

*Brian Dotts, CFRN; Scott Richards, FP-C*

This class will cover airway assessment, intervention, and basic airway management. It will also cover advanced airway management and assisting with intubation for the basic provider. Cardiac emergencies make up a significant number of calls that the EMS responder will be called to. We will review the cardiac cycle, anatomy and physiology, as well as assessment of the cardiac patient and interventions that may be helpful while getting patients to a cath lab. This class will include a case study.

Class Limit: 30

CEHs: EMS

Equipment/Gear Required: None



Saturday PM & Sunday PM

## OB Emergencies & Without Suffering

*Brian Dotts, CFRN; Scott Richards, FP-C*

Managing OB calls can be extremely stressful for the OB provider. This class will cover OB stages and the physiologic changes that occur at each stage. It will also cover how to assess the normal and abnormal situations that may occur, when to stay and play, and when to load and go. There will be manikin scenarios involved in this training as well. In addition, this class will cover the complexities of multisystem trauma and focus on head injury and neurologic assessment, neuro pathophysiology and interventions that may improve outcomes.

Class Limit: 30

CEHs: EMS

Equipment/Gear Required: None



Saturday AM & Sunday PM

## Help I've Fallen - Geriatric Emergencies

*Elizabeth Wygle*

At the completion of this course, you will be able to: appreciate the standard physiological changes with aging, understand how chronic diseases and their treatments contribute to acute emergencies, and explain considerations for elderly patients with altered mental status.

Class Limit: 30

CEHs: EMS

Equipment/Gear Required: None



Sunday AM

## When the smoke clears: Emotional Survival for First Responders

*Jeremy Sprague, Executive Director/  
President, Peer Support Foundation*

The course will discuss how participants can survive a lifelong career of being a first responder. First responders are exposed to many unique stressors that can affect their professional and personal lives. This course will discuss hypervigilance, critical incident survival, and the three R's (resistance, resiliency, and recovery). It will discuss the stress and common psychological reactions including PTSD. Participants will leave the class with an understanding of the steps of emotional survival.

Class Limit: 30

CEHs: EMS

Equipment/Gear Required: None



To register for these EMS options visit <https://bit.ly/2021NATA> and look for the following classes.

Saturday Options	Sunday Options	Two Day Option
#5462	#5464	#5461
#5463	#5465	
	#5466	
	#5467	

# One-Day Classes



## Saturday #5456 Big Rig Rescue

*Professional Rescue Innovation (PRI) Staff and  
Fire Service Training Bureau Staff*

Accidents involving tractor-trailers and other large vehicles call for specialized knowledge and skills on the part of emergency responders. This course is designed for emergency response personnel who have technician-level training as well as prior experience in vehicle extrication. This course offers hands-on scenarios that rescuers might face in their work: fully loaded tractor-trailers, cement mixers, tank trucks, and dump trucks involved in vehicle overturns, over-rides, and under-rides. This course provides emergency responders with extensive hands-on and classroom training in the use of tow trucks, rescue struts, cribbing, and airbag systems to lift and stabilize heavy vehicles during realistic vehicle extrication scenarios.



Class Limit: 24

CEHs: None

Equipment/Gear Required: Full Turnout Gear

\*\*\* Individuals from Iowa volunteer and combination departments registered in these courses will receive a \$15.00 reduction per day in their fire school registration, due to partial grant funding from the Volunteer Firefighters Training Fund.



## Sunday #5457 Vehicle Rescue

### Extrication - Motorsport

*Professional Rescue Innovation (PRI) Staff and  
Fire Service Training Bureau*

This class will develop and enhance the knowledge, skills, and abilities of the motorsports workers to safely react and mitigate the emergency incident while reducing and/or preventing injury, loss of life, and property. This class will cover track operations, fire suppression and extrication techniques unique to the racing environment, and patient care. This course will provide students with hand-on experience with techniques to use when motorsports vehicles are involved in an accident. Different models of motorsport vehicles will be available as well as props for the hands-on portion. The content will meet NFPA 610 requirements.

Class Limit: 30

CEHs: None

Equipment/Gear Required: Full Turnout Gear.



\*\*\* Individuals from Iowa volunteer and combination departments registered in these courses will receive a \$15.00 reduction per day in their fire school registration, due to partial grant funding from the Volunteer Firefighters Training Fund.

## Saturday #5458



## Officer Down

## Sunday #5459



*Captain Chip Zehner - AEMT Boone Fire & rescue, Jody Brincks - PM CCP Boone County Ambulance, Sergeant Dallas Wingate and Bear - Boone County Sheriff's Office, and Detective Brian Pontius - Boone County Sheriff's Office*

Officer down, Officer down. Now what do we do? Is the scene safe? Can we enter? Was the Officer wearing body armor and if so, did it work? What can we expect from law enforcement on the scene? What do they expect from us? We can try and answer some of these questions. We will explore Fire, EMS, and LE safety. We will practice PT assessment, airway control, and bleeding control with two legged and four legged officers. We will examine the body armor Officers use and how to remove it and try to answer any other questions before we need to answer them in an emergency situation.

Class Limit: 30

CEHs: 6 hours

Equipment/Gear Required: None.



Register at <https://bit.ly/2021NATA>



Sunday #5454

## Fire Ground Pump Operations

*Professional Rescue Innovation (PRI) Staff  
and Fire Service Training Bureau Staff*

Driver/operators thrive on the responsibility of the safe arrival of the apparatus to and from the scene and protecting the nozzle crew. They take pride in being able to determine pump pressures at a moment's notice and taking full control of the panel while on scene. Driver/operators spend countless hours studying district maps, hydraulics, changes in hose and nozzles, and the apparatus itself. Their work is time sensitive and many of their decisions dictate the forward progress of the incident. Confidence and composure in this position is vital and it shows when a well-prepared operator masters the panel. This course will use state-of-the-art pump panel simulators from the FSTB for realistic training in a classroom setting. Students will be able to feel comfortable and calculate pump discharge pressures; using theoretical hydraulic calculations, as well as, fire ground hydraulic calculations during an incident.

Class Limit: 30

CEHs: None

Equipment/Gear Required: None.



\*\*\* Individuals from Iowa volunteer and combination departments registered in these courses will receive a \$15.00 reduction per day in their fire school registration, due to partial grant funding from the Volunteer Firefighters Training Fund.



Saturday #5455

## Reading Buildings before Reading Smoke

*Professional Rescue Innovation (PRI) Staff  
and Fire Service Training Bureau Staff*

Wouldn't it be great, when you arrive on the scene of a structure fire, to be able to know how much fire you have, the layout of the building, and where to draw your line-in the sand to contain the fire? This class is designed to provide detailed training and exercise to improve the effectiveness of first-arriving officers and firefighters. The class will also provide you with an excellent opportunity to enhance your decision-making skills based on building construction and predict the path of the fire based on the observed smoke conditions by using color, velocity, pressure, and volume.

Class Limit: 30

CEHs: None

Equipment/Gear Required: None.



\*\*\* Individuals from Iowa volunteer and combination departments registered in these courses will receive a \$15.00 reduction per day in their fire school registration, due to partial grant funding from the Volunteer Firefighters Training Fund.



Register at <https://bit.ly/2021NATA>



Saturday & Sunday #5451

## Essentials of Fire Fighting

*Jon Schreck, Fort Dodge Fire Department*

This course will provide new fire fighters with a general understanding of basic skills and equipment used frequently on the fire ground. It will also serve as a refresher for experienced firefighters. Participants will use the skills learned in the course as a solid foundation to build their knowledge and experience to become more effective during emergency responses.

Class Limit: 20

CEHs: None

Equipment/Gear Required: Full protective clothing, S.C.B.A. and spare cylinder.



Saturday & Sunday #5452

## Fire Ground Support Operations

*Professional Rescue Innovation (PRI) Staff and Fire Service Training Bureau Staff*

This class covers the many duties of truck company operations. A classroom session covers the tasks that must be conducted in order to be an effective truck company, the riding assignments and how they can work for your department and also covered is apparatus positioning and apparatus operations at a fire scene. The bulk of the program is conducted using hands on training. Topics covered are forcible entry, vent enter search, search, peak and flat roof ventilation, horizontal ventilation and company officer tactics.

Class Limit: 25

CEHs: None

Equipment/Gear Required: Full Turnout Gear



\*\*\* Individuals from Iowa volunteer and combination departments registered in these courses will receive a \$15.00 reduction per day in their fire school registration, due to partial grant funding from the Volunteer Firefighters Training Fund.



Saturday & Sunday #5453

## Search and Rescue

*Orlando Peace, Fort Dodge Fire Department*

A comprehensive study into search and rescue with regards to residential structures. This course will detail the process of various search styles, methods of victim's removal and rationale of search prioritization. It includes tactics and strategies for interior and exterior exclusive firefighters. Key objectives include defining searchable vs survivable, developing search proficiency and efficiency, and training in multiple victim extraction techniques. This course involves didactic and psychomotor coaching. We will teach you the what and why and show you the how.

Class Limit: 30

CEHs: None

Equipment/Gear Required: Helmets, leather gloves, safety glasses and footwear that provides ankle support. Coveralls are optional.

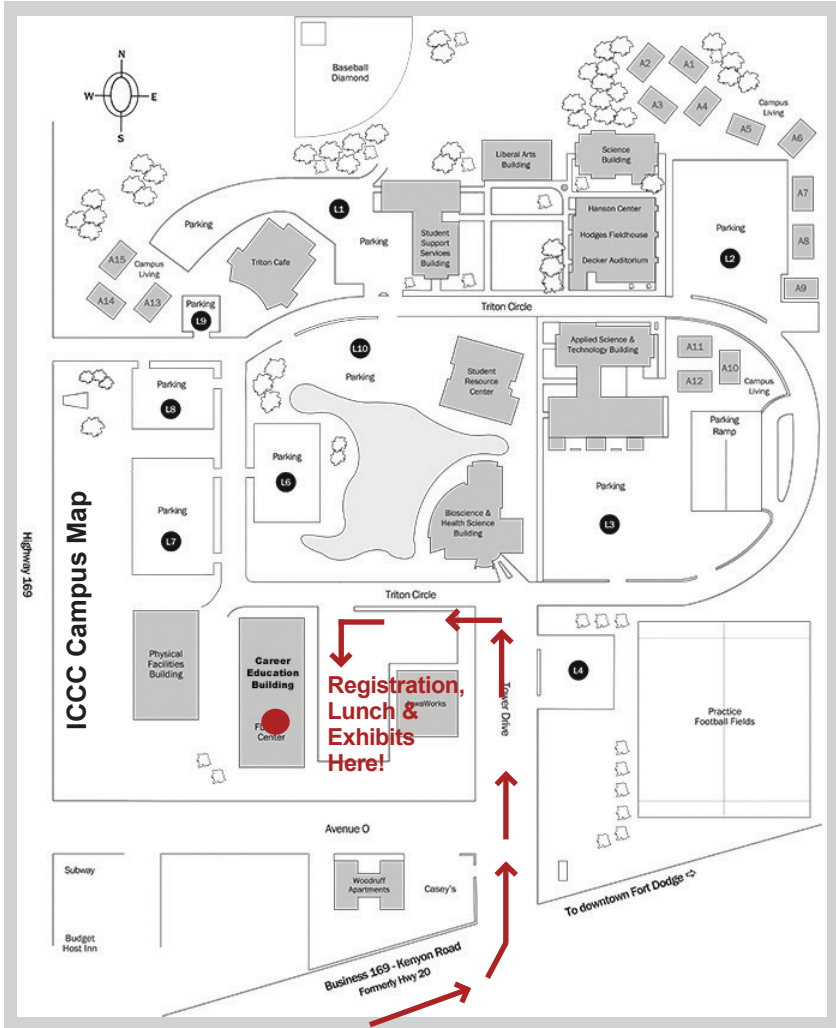


Register at <https://bit.ly/2021NATA>

# General Information

## Location:

The conference will be held at Iowa Central Community College (ICCC), One Triton Circle, Fort Dodge, Iowa 50501. Registration, Lunch and Exhibits will all be Located in the Career Education Building.



## Lodging:

Lodging information can be found at the Fort Dodge Convention and Visitors website:

[www.fortdodgecvb.com/hotels\\_motels](http://www.fortdodgecvb.com/hotels_motels)

## Meals:

Continental breakfast will be provided for all participants each morning in the Career Education Building. Lunch will also be provided for all participants.

## CEHs:

Approval for continuing education for EMS personnel by the Iowa Bureau of EMS is provided through Iowa Central Community College.



## Personal Protective Equipment:

If personal protective equipment requirements apply, it is indicated in the class description. Students must provide the following equipment in order to participate:

- Helmet (NFPA compliant)
- Protective hood
- Coat with liner (NFPA compliant)
- Pants with liner (NFPA compliant) (*Note: 3/4 length boots are not approved in place of pants.*)
- Firefighting boots
- Gloves (Cal/OSHA or NFPA compliant)
- Self-Contained Breathing Apparatus (SCBA) with spare cylinder (*Note: Cylinders under current hypostatic test will be refilled at no cost.*)

# Registration

**Registration Deadline:** October 30, 2021

**Registration Fees** (includes Lunch and T-Shirt):

- One Day = \$60.00
- Two Day = \$120.00

## T-Shirts:

NATA T-shirts are included in your registration fee. Please submit your size at <https://bit.ly/NATAt-shirt>. In order to fulfill your t-shirt request, you must be registered two weeks prior to the conference. Any requests received after October 22, 2021 will be filled by availability of sizes.



## Volunteer Firefighter Training Fund Credit:

Due to partial grant funding through the Volunteer Fire-fighter Training Fund and the Paul Ryan Training Fund, individuals registering for the following courses will receive a \$15.00 reduction on their registration fee:

- Fire Ground Support Operations
- Fire Ground Pump Operations
- Reading Buildings before Reading Smoke
- Big Rig Rescue
- Vehicle Rescue Extrication - Motorsport

## Refund/Cancellation Policy:

A full refund will be given for cancellations prior to October 30, 2021. After that date, there will be no refunds! This policy will be strictly adhered to. NATA reserves the right to cancel any session that does not meet the minimum registration requirement or to change the instructor.

## Registration Tips:

- Create a profile if you do not have one at <https://bit.ly/2021NATA>
- You can search by course number or view the complete list under emergency services.
- If you are registering for one day you will add one class option to your cart. If you are registering for two days you will add two options to your cart or select a two day class.
- Please make note of which days the classes are offered.
- If you are being sponsored and would like us to invoice an entity, please call us.
- Questions? Call 515-574-1293

## Beards (*facial hair*):

Persons with beards, sideburns, or other hairstyles that interfere with the proper seal of a breathing apparatus face piece will not be allowed to participate in hands-on portions of classes requiring the use of SCBA or involving live fire. Persons with beards may attend the classroom portion and participate in other portions of the class which do not require SCBA or do not involve live fire. No exceptions will be made to these requirements.

## Age Requirement Policy:

All students must be 18 years of age or older.

## Health Warning:

Certain programs offered require significant physical exertion and stamina. Persons with heart, respiratory, or other physical conditions that may be aggravated by this type of exertion, or that may hinder their participation should not participate in the program.

## Disclaimer:

Northwestern Area Training Academy, Iowa Central Community College and its co-sponsors, except as provided under Chapter 25-A of the Code of Iowa relating to claims, shall not be held liable for damages or injuries to students or persons participating in the school. Participants are advised to purchase individual insurance if their employer does not provide coverage for injuries.

## Code of Conduct:

Your conduct while attending out of town educational programs or other fire service events should be no different than it would be at home in front of your families. Wherever you travel, the FD license plate, the blue light, the window decal, the Maltese cross on your jacket or t-shirt identifies you as a member of an honorable and proud profession. Your actions reflect not only upon you as an individual, but upon your fire department and the fire service as a whole. The public expects our actions to be above reproach on and off the emergency scene.

**Class sizes are limited.  
REGISTER EARLY!!**