

Sponsored by:

Northwestern Area Training Academy

in cooperation with





November 2 & 3, 2019

Schedule

Saturday, November 2, 2019

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 3, 2019

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 Building of the lowa Central Community College.

Saturday 7:30 am - 5:00 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 Commision for all of their support. We would also like to thank the Fire Service Training Bureau for all their support.



We hope you will take the opportunity to join us and participate in the valuable learning experiences offered at the **22nd 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.

The 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



Fire/EMS



Saturday PM ZHE-100-FD02 Sunday PM ZHE-100-FD03

Airway Management With C-PAP/Bi-PAP and O2 Guideline

Brian Dotts, RN; Scott Richards, Paramedic, UnityPoint Health Life Flight Des Moines

This course will cover the use of C-PAP and Bi-PAP for EMS providers. Iowa Bureau of Emergencies and Trauma Services recently made C-PAP and Bi-PAP part of the Scope of Practice for EMT's and higher, this class will cover the how, what and why of C-PAP and Bi-PAP. We will also cover new guidelines for use of supplemental Oxygen use.

Class Limit: 30 CEHs: EMS (Formal)

Equipment/Gear Required: None



Saturday AM ZHE-100-FD04 Sunday AM ZHE-100-FD05

Cardiac Care Management of the Cardiac Patient Trauma Assessment and Spinal Immobilization

Brian Dotts, RN; Scott Richards, Paramedic, UnityPoint Health Life Flight Des Moines

Cardiac care is always important to review in that it makes up approximately 20-25% of our EMS calls. This class will review cardiac assessment and evaluations as well as mobilization for definitive care. We will review what the priorities with Cardiac Care are and cover early cares and treatments to improve patient outcomes.

This class will also cover the question of to board or not to board. The lecture will be an overview of trauma assessment to include spinal immobilization and c-spine guidelines, fluid administration, recognition of shock and prioritizing care.

Class Limit: 30 CEHs: EMS (Formal)

Equipment/Gear Required: None



Sunday AM ZHE-100-FD06 Sunday PM ZHE-100-FD07

Sepsis

Kara Greenlee, RN, BSN, CEN: Flight Nurse Mercy One Air Med

Sepsis- the sudden infection where it is sometimes difficult to determine the source. This presentation will use case study about sepsis and DIC (Disseminated intravascular coagulation) from an unlikely source. We will walk through the symptoms, treatment and eventual diagnosis of a patient during their critical illness. Also review the likely causes of sepsis based on the knowledge of common sources of infections. Describe the sequence of events that lead to septic shock and treatment.

Class Limit: 30 CEHs: EMS (Formal)

Equipment/Gear Required: None



Saturday PM ZHE-100-FD08 Sunday AM ZHE-100-FD09

You Fought the Law and the Law Won!

Jody Brincks, Paramedic, CCP Boone County Hospital; Sergeant Dallas Wingate, Boone County Sheriff; Captain Chip Zehner, AEMT, Boone Fire Dept.; Taser, K9, Boone County Sheriff Department

This Course will review medical treatment after Law enforcement has used one of their techniques for someone who has resisted arrest, including tasers, OC spray, dog bites and gunshot wounds. Topics covered will be taser barb removal and cardiac monitoring. Also decontamination of eyes, face, airway monitoring after the uses of an OC spray, treatment for puncture wounds, gunshot wounds including airway control and tourniquet use. Volunteers will be needed for hands on demonstrations.

Class Limit: 30 CEHs: EMS (Formal)



Saturday AM ZPS 203-FD05 ***
Sunday AM ZPS 203-FD22 ***

The Art of Reading Buildings

Fire Service Training Bureau Staff and Professional Rescue Innovations (PRI) Staff

Wouldn't it be great, when you arrive on 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.

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 PM ZPS 203-FD06 ***
Sunday PM ZPS 203-FD23 ***

The Art of Reading Smoke

Fire Service Training Bureau Staff and Professional Rescue Innovations (PRI) Staff

This course is designed to teach student how to predict the path of the fire based on the observed smoke conditions. The smoke conditions demonstrated include color, velocity, pressure, volume and how each of these relates to specific fire conditions. With the basics established, the class then uses a case study method to review multi-media videos and pictures to present sights and sounds from actual fires. The student will be able to apply lessons learned in class and confidently predict the movement of the fire based on what the smoke is showing. Segments of the class will highlight the evolving scene dynamics of the fire grounds and the need for the continual size up process.

Class Limit: 30 CEHs: None

Equipment/Gear Required: None



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Saturday AM ZPS 203-FD09

Drones in the Fire Service

Professional Rescue Innovations (PRI) Staff

There are increasing examples of ways in which drones could be used by the fire service. Drones offer a great opportunity to assess information from significant incident and larger-scale events that can provide additional situational awareness to the incident commander. This course will include incident command, fire ground and technical rescues.

Class Limit: 20 CEHs: None



Saturday PM ZPS 203-FD10

Basement Fires

Professional Rescue Innovations (PRI) Staff

This course will provide specific strategic and tactical training in responding to basement fires. Basement fires are becoming increasingly dangerous to firefighters. The complex nature of basement fires dictates the need for advanced training. This is a classroom presentation and discussion which will give firefighters the needed tools and experience to survive basement fires. By examining case studies, building construction, strategy and tactics the students will develop an effective and safe game plan for operating at a basement fire.

Class Limit: 30 CEHs: None

Equipment/Gear Required: None





Sunday AM ZPS 203-FD16 Sunday PM ZPS 203-FD17

Making the Most Out of 4 Person Response

Chief Greg Neville, Odebolt Fire Department, and FSTB Field Staff

Small company responses, what we really need to know about making the most out of a 4 person first Company responses and doing it safely. What resources do you really have? Some old and a lot of new tools coming to light in the fire service that we need to look at to keep our crews safe in this era of light weight construction and faster flashover times, more plastics and less people to get the job done. What can we do to give our commanders more time to make the right decision on the fire grounds and provide our customers the best response we can with 4 people until more help arrives? Demonstrate how to best use your crew and get water on the fire as fast as we can and being safe doing just that and not putting firefighters in unneeded harm's way, we all go home.

Class Limit: 30 CEHs: None





Saturday AM ZPS 203-FD18 Sunday PM ZPS-203-FD19

Railroading Basics for First Responders

James M. Crain, Manager of Road Operations
– Union Pacific Railroad; past FF/EMT for
Boone Fire Department

This course will Identify potential hazards for working on and around rail equipment. Allow First Responders to become familiar with safety devices and basic operating functions of rail equipment. Raise awareness to basic operating rules, terms, and operating procedures for railroad employees. Summarize Union Pacific's chain of command with RMCC prioritization during critical incidents.

Class Limit: 30 CEHs: None

Equipment/Gear Required: None



Saturday AM ZPS 203-FD20 Sunday PM ZPS-203-FD21

Interpreting Body Language

Deputy Brian Pontius, Boone County Sheriffs Office

The student will learn to identify and interpret body language being displayed by persons at an emergency scene. Students will demonstrate different methods to react and counteract the body language they have observed.

Class Limit: 30 CEHs: None



One-Day Classes

Saturday ZPS-203-FD01***
Sunday ZPS-203-FD24***

Vehicle Rescue Extrication

Fire Service Training Bureau Staff and Professional Rescue Innovations (PRI) Staff

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 hands-on portion. The content will meet NFPA 610 requirements.

Class Limit: 20 CEHs: None

Equipment/Gear Required: Personal protective clothing and eye protection is required for the hands-on portion of this class.





One-Day Classes

Saturday ZHE-100-FD10

P.E.A.R.S: Pediatric Emergency Assessment, Recognition and Stabilization

Reylon Meeks, RN, MS, MSN, EMT, Clinical Nurse Specialist; D. Ken Cheyne, Blank Children's Hospital

In an emergency every second counts. The new PEARS course is designed to prepare EMTs and First Responders who infrequently see critically ill children to identify a pediatric victim at risk of severe cardiopulmonary distress, to intervene early to stabilize the child, and contact the next level of care as soon as possible.

Class Limit: 24 CEHs: EMS (Formal)

Equipment/Gear Required: None



PEARS®

Pediatric Emergency Assessment, Recognition, and Stabilization





Saturday ZPS-203-FD07 Sunday ZPS-203-FD08

Principles of Modern Fire Attack S.L.I.C.E.-R.S.

Lenny Sanders, Iowa Central Community
College

A close look at the UL/NIST Modern Fire Behavior/ Dynamics studies. This class will provide datadriven tactics to create a safer environment for the fire service as well as the people we protect. Students will leave well-equipped to re-evaluate the long-standing procedures of the fire service.

Class Limit: 30 CEHs: None

Equipment/Gear Required: None





Saturday ZPS-203-FD04 ***

Ventilation "Make it a Priority"

Fire Service Training Bureau Staff and Professional Rescue Innovations (PRI) Staff

This course will discuss ventilation techniques used in the fire service. Positive Pressure Attack (PPA) takes Positive Pressure Ventilation a step further to achieve effective ventilation during fire attack. It is another tactic that, properly used, can make life better for firefighters and those we are sworn to protect. As with any fire ground operations, PPA requires training and education to be performed safely and effectively. Hands-on evolutions will include the use of a New Roof Ventilation Prop.

Class Limit: 30 CEHs: None

Equipment/Gear Required: Full protective clothing



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One-Day Classes

Saturday ZPS-203-FD11 ***

Trench Rescue / Confined Space Rescue

Fire Service Training Bureau Staff and Professional Rescue Innovations (PRI) Staff

This course will give responders hand-on training on trench/confined space rescue procedures and the content will adhere to NFPA 1006 and NFPA 1670. The purpose of this course is to explain basic strategies to safeguard responder's health and safety when dealing with potential dangers association with trench confined space. They will use the new state of the art trench/confined space collapse simulator.

Class Limit: 20 CEHs: None

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



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Rural Water and Pump Operations

Scott Thompson and Scott Burnett, Fire Training Consultants

This class will go over rural water supplies for areas lacking hydrants. Where to find good water supplies, different ways of drafting and filling tankers. We will show how to move water from porta-tank to porta-tank and some pump operations. This will be classroom and hands-on training.

Class Limit: 30 CEHs: None

Equipment/Gear Required: Full protective

clothing





Sunday ZPS-203-FD13 ***

Agricultural & Industrial Machinery Rescue

Fire Service Training Bureau Staff and Professional Rescue Innovations (PRI) Staff

Technical, specialized rescues and happening in every response area throughout the nation. Machinery with moving conveyors, gear-driven equipment, and other simple to complex scenarios all need specialized rescue techniques dealing with disassembly, cutting and lifting/spreading. NFPA 1670, tools and special equipment, crush injury/crush syndrome, and rescue operation will be key discussions during this class. This class will include about three hours of classroom time, with the remainder of the class spent practicing these specialized rescue techniques.

Class Limit: 20 CEHs: None

Equipment/Gear Required: Personal protective clothing and eye protection is required for the hands-on portion of this class.



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Two-Day Classes

Sat & Sun ZPS-203-FD02

Essentials of Fire Fighting

Fort Dodge Fire Department

Introduces basic skills for firefighter safety. This course will give students the skills necessary in fire behavior, safety, basic S.C.B.A., ropes, ladders, forcible entry, and fire hose rolls and carries on the fire scene. Students will also be introduced to smoke enhanced rooms for search and rescue, incipient controlled fire burns with low smoke environment for better understanding of fire attack; direct, indirect, combination and transitional techniques. The burns will all be instructor controlled for better student education.

Class Limit: 25 CEHs: None

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



Sat & Sun ZPS-203-FD03***

Fireground Support Operations

Fire Service Training Bureau Staff and Professional Rescue Innovations (PRI) Staff

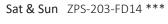
This class covers the many duties of truck company operations. A classroom session covers the tasks that must be conducted in order to be an effective truck company, the riding assignments and how they can work for your department and also covered is apparatus positioning and apparatus operations at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

Class Limit: 25 CEHs: None

Equipment/Gear Required: Full protective clothing.



*** 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.



Rope Rescue

Fire Service Training Bureau Staff and Professional Rescue Innovations (PRI) Staff

This course provides information and skills necessary to perform rescues utilizing ropes. Topics include size-up and scene management, knots, equipment, anchors, ascending/descending techniques, and mechanical advantages. Students will participate in rescue evolutions under supervision of the instructors.

Class Limit: 20 CEHs: None

Equipment/Gear Required: Helmets, Leather Work gloves,

Footwear with good ankle support.



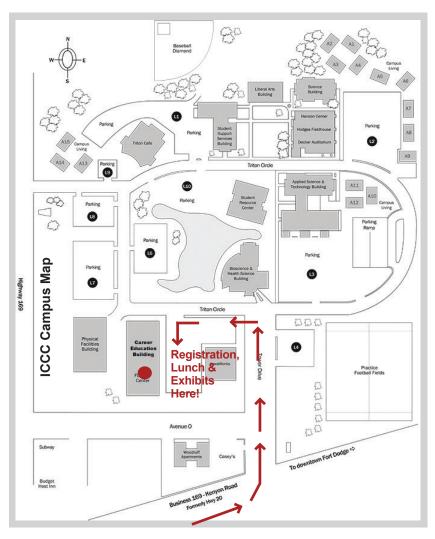
*** Individuals from Iowa volunteer and combination departments registered in these courses will receive a \$15.00 reduction per day in their fire school registration, due to partial grant funding from the Volunteer Firefighters Training Fund.



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

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.)

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!!

Registration

Registration Deadline: October 30, 2019

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 be sure to select your size on the registration form. In order to fulfill your t-shirt request, you must be registered two weeks prior to the conference. Any requests received after October 25, 2019 will filled by availability of sizes.

Volunteer Firefighter Training Fund Credit:

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

- Ventilation "Make it a Priority"
- Agricultural & Industrial Machinery Rescue
- The Art of Reading Buildings
- The Art of Reading Smoke
- Fireground Support Operations
- Intro to High Angle Rope Rescue
- Trench Rescue / Confined Space Rescue
- Vehicle Rescue Extrication

Ways to Register:

- Register by Phone:
 1-800-362-2793, Ext. 1293 or 515-574-1293
- FAX BOTH pages of the Registration Form to: 515-576-1576
- Mail BOTH pages of the Registration Form to: NATA Education Conference East Campus Iowa Central Community College One Triton Circle Fort Dodge, IA 50501

Refund/Cancellation Policy:

A full refund will be given for cancellations prior to October 30, 2019. 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.

NATA Educational Conference

November 2 & 3, 2019

First Name:	Last Name:	
Street Address:		
City:	State:	Zip:
Contact Phone:		
Email:		
Birth Date (Mo/Day/Year):///	SS#:	
Registration Fees & Credits:		
One Day Registration \$60.00		
Two Day Registration \$120.00		
Training Fund Credit: (Please subtract \$15.00 from the sel	lected Registration Fe	e for each class.)
Ventilation "Make it a Priority	\$15	5.00
Agricultural and Industrial Machinery Rescue	\$15	5.00
Art of Reading Buildings	\$15	5.00
Art of Reading Smoke	\$15	5.00
Fireground Support Operations	\$15	.00
Rope Rescue	\$15	5.00
Trench Rescue / Confined Space Rescue	\$15	5.00
Vehicle Rescue Extrication	\$15	5.00
TOTAL		
Method of Payment:		
Payment enclosed: \$		
Bill this Service /Organization:		
Attn:		
Address (Street/City/State/Zip):		
For security purposes please call or fax cred	dit card informat	ion!
Credit Card: Visa MasterCard		
Exp.Date: CVC:		
Cardholder Name:	_	
Card Number:	_	
Cardholder Address (Street/City/State/Zip):		

Registration Form (page 2)

Full Name:	FAX :	515-576-1576
Your Registration includes a NATA T-shirt! Please select a size:	Mail:	NATA Education Conference East Campus Iowa Central Community College One Triton Circle Fort Dodge, IA 50501
M L XL XXL XXXL	Phone:	1-800-362-2793, Ext. 1293 <i>or</i> 515-574-1293

To ensure class selection, please mark 1st, 2nd, and 3rd choices:

3-Hour Classes	<u>Saturday</u>	<u>Sunday</u>
Airway Management With C-PAP / Bi-PAP	ZHE-100-FD02 (PM)	ZHE-100-FD03 (PM)
Cardiac Care Managementof Cardiac Patient Trauma Assessment & Spinal Immobilization	ZHE-100-FD04 (AM)	ZHE-100-FD05 (AM)
Sepsis		ZHE-100-FD06 (AM)
		ZHE-100-FD07 (PM)
You Fought the Law & the Law Won!	ZHE-100-FD08 (PM)	ZHE-100-FD09 (AM)
*** The Art of Reading Buildings	ZPS-203-FD05 (AM)	ZPS-203-FD22 (AM)
*** The Art of Reading Smoke	ZPS-203-FD06 (PM)	ZPS-203-FD23 (PM)
Drones in the Fire Service	ZPS-203-FD09 (AM)	
Basement Fires	ZPS-203-FD10 (PM)	
Making the Most out of 4 Person Response		ZPS-203-FD16 (AM)
		ZPS-203-FD17 (PM)
Railroad Basics for First Responders	ZPS-203-FD18 (AM)	ZPS-203-FD19 (PM)
Interpreting Body Language	ZPS-203-FD20 (AM)	ZPS-203-FD21 (PM)
6-Hour Classes	Saturday	Sunday
*** Vehicle Rescue Extrication	ZPS-203-FD01	ZPS-203-FD24
PEARS: Pediatric Emergency Assessment, Recognition & Stabilization	ZHE-100-FD10	
*** Ventilation "Make it a Priority"	ZPS-203-FD04	
Principles of Modern Fire Attack - SLICE-RS	ZPS-203-FD07	ZPS-203-FD08
*** Trench Rescue / Confined Space Rescue	ZPS-203-FD11	
Rural Water & Pump Operations		ZPS-203-FD12
*** Agricultural & Industrial Machinery Rescue		ZPS-203-FD13
12-Hour Classes	Saturday & Sunday	
Essentials of Fire Fighting	ZPS-203-FD02	
*** Fireground Support Operations	ZPS-203-FD03	
*** Rope Rescue	ZPS-203-FD14	

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