19th Annual

Northwestern Area Training Academy
EDUCATIONAL CONFERENCE

November 5 & 6, 2016

Sponsored by:

Northwestern Area Training Academy

in cooperation with

IOWA CENTRAL COMMUNITY COLLEGE

SCHEDULE

Saturday, November 5, 2016

7:30 - 8:30 am . . . . . Registration & Exhibits *(Career Education Building)*

8:30 - 8:50 am . . . . . Welcome & Opening Remarks

9:00 am - 12:00 Noon . . . . . Classes in session and Exhibits open

12:00 Noon - 1:00 pm . . . . . Lunch *(provided)* & Exhibits *(Career Education Building)*

1:00 - 4:00 pm . . . . . Classes in session and Exhibits open *(until 5:00 pm)*

Sunday, November 6, 2016

7:30 - 8:30 am . . . . . Registration & Exhibits *(Career Education Building)*

9:00 am - 12:00 Noon . . . . . Classes in session & Exhibits open

12:00 Noon - 1:00 pm . . . . . Lunch *(provided)* & Exhibits *(Career Education Building)*

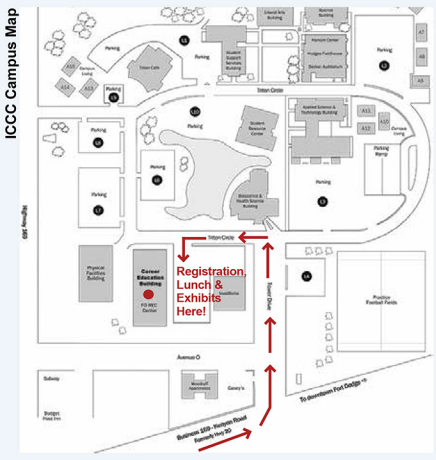
1:00 - 4:00 pm . . . . . Classes in session

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.

ICCC Campus Map



Lodging:

Lodging information can be found at the Fort Dodge Convention and Visitors website: **www.fortdodgecvb.com/hotels_motels**

Exhibits:

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

Saturday . . . . . 7:30 am - 5:00 pm Sunday . . . . . 7:30 am - 1:00 pm

Age Requirement Policy:

All students must be 18 years of age or older.

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.

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 tort 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.

3-HOUR CLASSES

AIRCRAFT SCENE MANAGEMENT / PEDIATRIC AIRWAY — EMS

Sat. AM | **ZHE-100- FD03**
Sun. AM | **ZHE-100- FD04**

This class will cover what patients are appropriate for use of Air Medical Services, how to access, LZ selection, and Scene safety. This class will also discuss Pediatric Airway and the approach to managing pediatric airways safely with some hands on applications.

Instructor: Scott Richards, Paramedic, UnityPoint Health Life Flight, Des Moines

CEHs: 3 EMS (Formal)
Class Limit: 30

CARDIAC REVIEW / "THAT'S THE WAY WE'VE ALWAYS DONE IT" — EMS

Sat. PM | **ZHE-100- FD05**
Sun. PM | **ZHE-100- FD06**

This class will cover a basic review of cardiac anatomy and physiology, Basic ECG, treatment for cardiac emergencies and case study. Old habits die hard. But new research is changing practice. A look at practices/skills that may not be the current guidelines for clinical practice.

Instructor: Scott Richards, Paramedic, UnityPoint Health Life Flight, Des Moines

CEHs: 3 EMS (Formal)
Class Limit: 30

TRAUMA & NEW USE OF NARCAN — EMS

Sat. AM | **ZHE-100- FD07**
Sun. AM | **ZHE-100- FD08**
Sun. PM | **ZHE-100- FD15**

This class will cover a basic review of burns, the anatomy and physiology of the skin and basic treatment for burns. With the increase of Opioid associated life threatening emergency this class will review the use of Narcan. Along with the interactions and contraindications of its use and its benfits.

Instructors: Tom Holder, Paramedic UnityPoint Health, Fort Dodge

CEHs: 3 EMS (Formal)
Class Limit: 30

PATIENT MEDICAL DEVICES/THERAPEUTIC COMMUNICATIONS FOR EMS — FIRE/EMS

Sat. PM | **ZHE-100- FD09**

In this class we will take a look at some of the challenges that we may encounter in the patients home environment. We will also discuss some of the special transport needs that are related to these unique patients. This class will be covering communication struggles for interpersonal communications and patient care. We will list some of the barriers that are involved with daily operations. All of this will be tied together with a fun exercise.

Instructors: Patrick Mooney, Director, Pocahontas Ambulance

CEHs: 3 EMS (Formal)
Class Limit: 30

ACTIVE SHOOTER RAPID TREATMENT — EMS

Sat. AM | **ZHE-100- FD11**
Sun. AM | **ZHE-100- FD13**
Sat. PM | **ZHE-100- FD12**
Sun. PM | **ZHE-100- FD14**

This course is an introduction to the third generation of active shooter response. The training focuses on getting emergency medical care to victims within the first hour, even as law enforcement may be still working to secure the scene. This is a change from the current tactic most jurisdictions use, which is for fire and EMS to wait for the "all clear" from law enforcement before moving in.

Instructors: Officer Chad Sheehan, Sioux City Police Department

CEHs: 3 EMS (Formal)
Class Limit: 30

FIRE INVESTIGATIONS — FIRE

Sat. AM | **ZPS-203- FD03**

Students will be provided with basic information on fire origin and cause, motives for fires, evidence collection, scene preservation, arson laws, and case scenarios. This is a classroom only course to give basic information on what to look for when determining the cause of a fire.

Instructors: Chief Dave Schipper, Lemars Fire Department

Class Limit: 30

CHIEF'S CLASS — FIRE

Sat. PM | **ZPS-203- FD04**

Students will be provided with information on personnel issues, certifications needed by members, performance reviews, fire station issues, equipment inspections, apparatus inspections, ISO ratings, administration paperwork, mutual aid agreements, budget, fundraising, preplans, line of duty deaths, and other "I am the Chief now what" questions. Chiefs will be given an administrative annual check list of do's and should be doing items

Instructors: Chief Duane Hendricks, Jewell Fire Department; Chief Dave Schipper, Lemars Fire Department

Class Limit: 30

CRASH SCENE MANAGEMENT: OUR ROLE IN ROADWAY SAFETY — FIRE/EMS

Sat. AM | **ZPS-203- FD07** ***
Sat. PM | **ZPS 203- FD08** ***

While you might think keeping traffic moving is counter to our efforts of protecting firefighters on roadways incidents, the two goals can be brought together through cooperation and discussion. See how this effort can happen as the new "Training Bulletin" is shared, developed cooperatively with representatives of the Fire Service Training Bureau, the Iowa State Patrol, the Iowa Department of Transportation, and Fire and Emergency Medical Services.

Instructors: Doug Allen, Commander, Ames Fire Dept., Fire Service Training Bureau; and representatives from the Iowa State Patrol

Class Limit: 30

PRINICPLES OF MODERN FIRE ATTACK - SLICE-RS — FIRE

Sun. AM | **ZPS-203- FD09**

A close look at the UL/NIST Modern Fire Behavior/Dynamics studies. This class will provide data-driven 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.

Instructor: Lenny Sanders, Fort Dodge Fire Department

Class Limit: 30

COMMERCIAL KITCHEN HAZARD AWARENESS — FIRE

Sun. PM | **ZPS-203- FD10**

Commercial kitchens present unusual hazards that firefighters should be aware of. Code requirementsaddressing these hazards are often not followed. In this class, students will learn what unique hazards are inherent to commercial cooking operations, what these hazards mean to firefighters, and how to protect themselves when fighting fire in commercial kitchens. The requirement of UL-300, NFPA 10 and NFPA 17A will be covered, helping those in code enforcements understand these requirements.

Instructor: Lenny Sanders, Fort Dodge Fire Department

Class Limit: 30

HUMAN TRAFFICKING — FIRE/EMS

Sat. AM | **ZPS-203-FD11**
Sun. AM | **ZPS-203-FD22**
Sat. PM | **ZPS-203-FD12**
Sun. PM | **ZPS-203-FD23**

Young children are being transported across this state every day. Firefighters, EMS personnel and police officers are having contact with these children, yet are missing key signs. These children are being taken, and forced into a life of sex and slavery, never returning home. This workshop will introduce the concepts of human trafficking of young, underage children. Discussions will include: what to look for and what to do.

Instructor: Iowa State Patrol, Post 7, Fort Dodge

Class Limit: 30

GAS DETECTION MADE EASY — FIRE

Sat. PM | **ZPS-203-FD13**

So you decided your department should get a gas monitor. You ordered it and now what?! Understanding gas monitors, how they function including best practice for calibration and maintenance. Attendees are encouraged to bring their department's monitor and any calibration equipment to be able to discuss any specific questions they may have.

Instructor: Debbie Majeste, Industrial Scientific Corporation

Class Limit: 30

THE ART OF READING BUILDING BEFORE THE ART OF READING SMOKE — FIRE

Sun. PM | **ZPS-203-FD16**

Course Description: 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.

Instructors: PRI Staff

Class Limit: 30

READING SMOKE — FIRE

Sun. AM | **ZPS-203-FD17**

This course is designed to teach students 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 students 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 fireground and the need for the continual size-up process.

Instructors: PRI Staff

Class Limit: 30

ISO UPDATE — FIRE

Sat. AM | **ZPS-203-FD24**

In 2012 ISO updated their fire protection classification grading schedule. This course will introduce individuals to the grading schedule. Changes that impact the fire, water and communications centers will be reviewed. In addition, the newest sections of the grading schedule, which includes Fire Codes, Fire Investigations and Public Education, will be discussed.

Instructor: Randy Downs, Midwest Region Manager for ISO

Class Limit: 30

LINE ADVANCEMENT — FIRE

Sat. PM | **ZPS-203-FD 26**
Sun. AM | **ZPS-203-FD 27**

This class will focus on the stretching and deployment of the initial attack line. Each step of this process is broken down and examined through the eyes of the firefighter. The process will then be put back together with a greater understanding of each part being critical to the fast, effective and efficient deployment of an attack line. Firefighters will then participate in practical evolutions to reinforce the concepts learned in the classroom. "As the first line goes, so goes the fire."

Instructor: Cory Snowgren, Denison Fire Department

Class Limit: 30

FIRST RESPONDER RAIL RESPONSE — FIRE

Sun. PM | **ZPS-203-FD29**

Rail is the number one method of transporting hazardous materials in Iowa with thousands of loaded rail cars shipped daily. This class will cover recognition and identification of rail cars and the common hazardous material shipped in Iowa. Initial protective actions and tactics will be discussed based on the latest Federal Rail Authority (FRA) and NFPA 472 Recommendations.

Instructors: John Day, Canadian National Railroad; and Lane Sekavec, Union Pacific Railroad

Class Limit: 30

Choose from a variety of classes during this two-day event.

Pre-Registration is encouraged!
Class sizes are limited.

ONE-DAY CLASSES

BIG RIG RESCUE — FIRE/EMS

Sunday | **ZPS-203-FD01** ***

This course is designed for emergency response personnel who have technician-level training as well as prior experience in vehicle extrication. 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 airbags systems to lift and stabilize heavy vehicles during realistic vehicle extrication scenarios.

Instructors: Fire Service Training Bureau Staff and PRI Staff

Class Limit: 20

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

PEARS; PEDIATRIC EMERGENCY ASSESSMENT, RECOGNITION AND STABILIZATION — EMS

Saturday | **ZHE-100-FD10**

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.

Instructors: Reylon Meeks, RN, MS, MSN, EMT, Clinical Nurse Specialist for Blank Children's Hospital, Dr. Ken Cheyne Blank Children's Hospital

CEHs: 6 EMS (Formal)
Class Limit: 24

FIRST FIVE MINUTES — FIRE

Saturday | **ZPS-203-FD05**
Sunday | **ZPS-203-FD06**

This class will focus on the first five minutes on the fireground from the company officer's perspective. Topics to be discussed will include size-up, the 360-degree survey, incorporation of modern fire research, and review and selection of appropriate attack strategies. Specific class objectives include: reviewing the importance of the company officer role and its impact on the outcome of the incident, demonstration of proper execution of the brief initial report, introduction and discussion on the importance of the 360-degree survey, and discussion of offensive, defensive, transitional, and investigative fire attack modes.

Instructor: Lance Routson Lt. Urbandale Fire Department

Class Limit: 30

RURAL WATER & PUMP OPERATIONS — FIRE

Saturday | **ZPS-203-FD14**
Sunday | **ZPS-203-FD15**

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.

Instructors: Scott Thompson, Fire Training Consultants; Scott Burnett, Duncombe Fire Department

Class Limit: 30

Equipment/Gear Required: Full protective clothing

ADVANCE VENTILATION "MAKE IT A PRIORITY" — FIRE

Saturday | **ZPS-203-FD18**
Sunday | **ZPS-203-FD19**

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.

Instructors: Fire Service Training Bureau, PRI Staff

Class Limit: 30

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

SURFACE WATER / ICE RESCUE — FIRE

Saturday | **ZPS-203-FD20** ***
Sunday | **ZPS-203-FD21** ***

This course is designed for agencies that need a formalized water rescue team due to their responses at lakes, ponds, non-flowing and flowing waterways. Subjects covered include rescuer safety; self-rescue techniques, pre-planning, and size-up of water hazards to include hands-on evolutions. The content will meet NFPA 1006 and NFPA 1670 requirements.

Instructors: Fire Service Training Bureau, PRI Staff

Class Limit: 30

Equipment/Gear Required: Personal Flotation Device (PFD). In addition, if you have any of the following equipment, please bring: water rescue helmet, water boots, ice or dry suits

TWO-DAY CLASS

ESSENTIALS OF FIRE FIGHTING — FIRE

Sat. & Sun. | **ZPS-203-FD02**

Introduces basic skills for fire fighters 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.

Instructor: Dan Walker, Grinnell Fire Department

Class Limit: 25

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

****** 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.***

REGISTRATION INFORMATION

Registration deadline is November 1, 2016.

Registration Fees:

One Day = **$50.00**
Two Day = **$100.00**

Fee includes Lunch and T-Shirt

*** 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.

To Register:

- **Register by Phone: 1-800-362-2793, Ext. 1322** *or* **515-574-1322**
- **FAX Registration Form to: 515-574-1321**
- **Mail Registration Form to: AST Building - Attn. Joan**
  Iowa Central Community College
  One Triton Circle
  Fort Dodge, IA 50501

To Mail or Fax, each participant will need to fill out a registration form, so please make copies of the form on this poster, or go to www.iafireschools.org for a fillable form.

Refund/Cancellation Policy:

A full refund will be given for cancellations prior to **November 1, 2016**. 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.*

T-Shirts:

In order to fulfill your t-shirt request, you must be registered two weeks prior to the conference. Any requests received after **October 31, 2016** will filled by availability of sizes.

Registration Form *(Please Print)*

Northwestern Area Training Academy
EDUCATIONAL CONFERENCE
November 5 & 6, 2016

Name: _____

Street Address: _____

City: _____ State: _____ Zip: _____

Contact Phone: _____ Email: _____

Birth Date (Mo/Day/Year): _____ SS#: _____ - _____ - _____

Registration Fees & Credits:

____ One Day Registration $50.00

____ Two Day Registration $100.00

Training Fund Credit:

____ Crash Scene Management . . . . . - $15.00

____ Big Rig Rescue . . . . . - $15.00

____ Surface Water/Ice Rescue . . . . . - $15.00

TOTAL . . . . . $ _____

Method of Payment:

____ Payment enclosed: $ _____

Please select T-Shirt Size:

___ M ___ L ___ XL ___ XXL ___ XXXL

FAX : 515-574-1321

Mail: AST Building - Attn. Joan
Iowa Central Community College
One Triton Circle
Fort Dodge, IA 50501

Phone: 1-800-362-2793, Ext. 1322 *or* 515-574-1322

Please make copies of this form for every participant - Fillable Forms available at **www.iafireschools.org.**

Sponsorship:
Bill this Service /Organization: _____ Attn: _____

Address (Street/City/State/Zip): _____

Credit Card: ____ Visa ____ MasterCard Exp. Date: _____ CVC: _____

Cardholder Name: _____

Card Number: _____ - _____ - _____ - _____

Cardholder Address (Street/City/State/Zip): _____

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

3-Hour Classes	**Saturday**	**Sunday**
Aircraft Management/Ped. Airway	___ ZHE-100-FD03 (AM)	___ ZHE-100-FD04 (AM)
Cardiac Review	___ ZHE-100-FD05 (PM)	___ ZHE-100-FD06 (PM)
Trauma & New Use of Narcan	___ ZHE-100-FD07 (AM)	___ ZHE-100-FD08 (AM)
		___ ZHE-100-FD15 (PM)
Patient Medical Devices	___ ZHE-100-FD09 (PM)	
Active Shooter Rapid Treatment	___ ZHE-100-FD11 (AM)	___ ZHE-100-FD13 (AM)
	___ ZHE-100-FD12 (PM)	___ ZHE-100-FD14 (PM)
Fire Investigations Class	___ ZPS-203-FD03 (AM)	
Chief's Class	___ ZPS-203-FD04 (PM)	
*** Crash Scene Management	___ ZPS-203-FD07 (AM)	___ ZPS-203-FD08 (PM)
Principles of Modern Fire Attack - SLICE-RS		___ ZPS-203-FD09 (AM)
Commercial Kitchen Hazard Awareness		___ ZPS-203-FD10 (PM)
Human Trafficking	___ ZPS-203-FD11 (AM)	___ ZPS-203-FD22 (AM)
	___ ZPS-203-FD12 (PM)	___ ZPS-203-FD23 (PM)
Gas Detection Made Easy	___ ZPS-203-FD13 (PM)	
The Art of Reading Building		___ ZPS-203-FD16 (PM)
Reading Smoke		___ ZPS-203-FD17 (AM)
ISO Update	___ ZPS-203-FD24 (AM)	
Line Advancement	___ ZPS-203-FD26 (PM)	___ ZPS-203-FD27 (AM)
First Responder Rail Response		___ ZPS-203-FD29 (PM)

One-Day Classes	**Saturday**	**Sunday**
*** Big Rig Rescue		___ ZPS-203-FD01
PEARS	___ ZHE-100-FD10	
First Five Minutes	___ ZPS-203-FD05	___ ZPS-203-FD06
Rural Water & Pump Operations	___ ZPS-203-FD14	___ ZPS-203-FD15
Advance Ventilation	___ ZPS-203-FD18	___ ZPS-203-FD19
*** Surface Water/Ice Rescue	___ ZPS-203-FD20	___ ZPS-203-FD21

Two-Day Class	**Saturday & Sunday**
Essentials of Fire Fightng	___ ZPS-203-FD02

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FIRE INSTRUCTOR I Course Offering

A 4-Day **FIRE INSTRUCTOR I** class will be held at the Fort Dodge Fire Department starting Thursday, Nov. 3 and ending Sunday, Nov. 6, 2016. Lunch will NOT be provided.

The Registration Form for this class can be found on the Fire Service Training Bureau "Training Opportunities" web page at **www.dps.state.ia.us/fm/fstb or scan this QR code to access the form.**

Note: No test will be offered at the completion of the class. Instructions on how to test will be provided by the instructor at the conclusion of the class.

Each participant will need to fill out a registration form. Please make copies of the form on this poster,

or

Fillable Registration Forms can be found at:

www.iafireschools.org

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 and use of equipment.