

# 27<sup>th</sup> CITA-KIRKWOOD FIRE SCHOOL

KIRKWOOD COMMUNITY COLLEGE | CEDAR RAPIDS, IOWA | [WWW.KIRKWOOD.EDU/FIRESCHOOL](http://WWW.KIRKWOOD.EDU/FIRESCHOOL)

SEPTEMBER 28 & 29, 2013





## CONTENTS

Learning Seminars	1
One-day Classes	9
Two-day Classes	16
Pertinent Fire School Information	18
Registration/Location/Campus Map	20
Sponsorship Billing Authorization Form	21

## CITA-Kirkwood Fire School

Since 1986, the Central Iowa Training Association (CITA) and Kirkwood Community College have partnered to bring you the CITA-Kirkwood Fire School. As one of the largest fire schools in the state, the CITA-Kirkwood school efficiently uses resources to meet fire service personnel needs in Iowa and nearby states.

### 2013 FIRE SCHOOL SCHEDULE

Saturday, September 28, 2013

7:15 a.m.-5 p.m.

Vendors open (Johnson Hall)

7:15-8:45 a.m.

Check-in

9 a.m.-12 p.m.

Classes in session

11:30 a.m.-1:30 p.m.

Lunch (staggered schedule-Iowa Hall cafeteria)

12-1 p.m.

Check-in for afternoon learning seminars

1-4 p.m.

Classes in session

### Sunday, September 29, 2013

7:15 a.m.-1 p.m.

Vendors open (Johnson Hall)

7:15-8 a.m.

Check-in

8:30-11:30 a.m.

Classes in session

11 a.m.-12:30 p.m.

Lunch (staggered scheduled-Iowa Hall cafeteria)

12-3:30 p.m.

Classes in session



Like us on Facebook

[www.facebook.com/KirkwoodCE](http://www.facebook.com/KirkwoodCE)



Follow us on Twitter

[www.twitter.com/KirkwoodCE](http://www.twitter.com/KirkwoodCE)

Kirkwood Community College declares and affirms to its students, employees and to the public that it does not discriminate on the basis of sex, race, color, creed, religion, national origin, age, sexual orientation, gender, gender identity, physical attributes, physical or mental ability, marital status, veteran status, genetic information, or socioeconomic status in its educational programs, activities, admission procedures or employment practices. The college affirms its commitment to comply with all applicable federal, state, and local laws, regulations and orders. Kirkwood's EEO Officer is Executive Director of Human Resources Michael Roberts. Contact information: Michael.Roberts@kirkwood.edu or 319-398-7797.



## LEARNING SEMINARS

---

### Are We Learning From Our Mistakes?

**NEW** It is very important in fire service to not only take the opportunity to look at our past experiences, but the experiences of fire service as a whole. The group will discuss commonalities in HOISH LODD reports, near-miss reporting systems and other events that have happened in fire service. We will take a look at these commonalities and identify training opportunities that can help prevent these events from occurring in our homes.

*All fire and rescue service personnel.*

**ETFR-5045** / 1 session / \$30

>**43180** Sat 1-4pm Sep 28

Rob Archibald, Hiawatha FD

>**43185** Sun 8:30-11:30am Sep 29

Rob Archibald, Hiawatha FD

### Assessment and Treatment of Trauma

**NEW** Participate in discussions and review treatments at the Emergency Responder and Basic EMT levels of EMS. Participate in didactic review, group discussions and review traumatic case studies. Topics include mechanism of injury, initial assessment and resuscitation, airway management, shock and fluid replacement, head and neck trauma, musculoskeletal and extremity trauma, burn trauma, special populations and mass casualty incidents. Approved for 3.0 FE EMS credit.

*All EMS, fire and rescue service personnel.*

**ETFR-5030** / 1 session / \$30

>**43179** Sat 1-4pm Sep 28

Jeff Larson, Paramedic Specialist, Story County EMS

Aaron Boor, Paramedic Specialist, Story County EMS

### Creating Reports in Iowa Fire Bridge Report Writer 2.0

Report Writer 2.0 is a software feature offered within the Iowa Fire Bridge. Learn the basics of using Report Writer 2.0 to create history and statistical reports for your fire department's NFIRS reports, staff, training and other modules included in the Iowa Fire Bridge software. Review examples of common reports that fire departments can write for their use, or city or township annual reports. Basic knowledge of Iowa Fire Bridge is recommended. You will be in a computer lab for this hands-on training.

*All fire and rescue service personnel.*

**ETFR-5037** / 1 session / \$20

>**43183** Sat 1-4pm Sep 28

Alicia VerHuel, Fire Service Training Bureau

### Emergency Burn Care for EMS Providers

Designed to provide rural care providers with basic knowledge and skill sets to care for burn injured patients. The primary focus will be on burn identification, estimating burn percentages, medical management of the patient based on those findings, and transferring patients to the burn center. Approved for 3.0 FE EMS credit.

*All EMS, fire and rescue service personnel.*

**ETFR-5003** / 1 session / \$30

>**43187** Sat 1-4pm Sep 28

Lisa Mackey, RN, Burn Unit, University of Iowa Hospitals & Clinics





EMS and Rehab at the Fire Scene

Gain an understanding on the importance of rehabilitation at the fire scene, identifying critical issues from firefighter injuries and deaths due to stress-related problems, and the lack of rehab procedures available. Emphasis will be on the importance of training to prepare for implementing a rehab sector. In addition, you'll learn the reasons for implementing rehab as directed in NFPA 1584. **Students should dress for hands-on training and bring with them if possible a blood-pressure cuff and stethoscope.** Approved for 3.0 FE EMS credit.

All EMS, fire and rescue service personnel.

ETFR-5041 / 1 session / \$30		
>43189	Sat 9am-12pm	Sep 28
Tracy Tope, EMT-B, Nevada FD		
Dean Tope, EMT, Nevada FD		
>43268	Sun 8:30-11:30am	Sep 29
Tracy Tope, EMT-B, Nevada FD		
Dean Tope, EMT, Nevada FD		

Forcible Entry

How does a firefighter gain entry into a secured building? Getting inside to stop a fire or rescue a potential victim can be time consuming, hazardous and difficult. Learn the various methods employed to gain entry into a building through doors, windows, walls and by forcing locks. Emphasis is on safety, speed and minimizing property damage. The difference between success or failure during a fire suppression operation or rescue may depend on the ability of the firefighter to breach a barrier quickly, efficiently and safely. Get hands-on practice through the use of realistic props. **Full NFPA compliant protective clothing and safety glasses will be required for all students involved in the hands-on portion of this class.**

All fire and rescue service personnel.

ETFR-5009 / 1 session / \$35		
>43194	Sat 9am-12pm	Sep 28
Staff, Professional Rescue Innovations		
>43197	Sun 12:30-3:30pm	Sep 29
Staff, Professional Rescue Innovations		

Horizontal Ventilation (PPV/PPA)

**NEW** Understanding the importance of horizontal ventilation is an important tactic in structural fires. Discuss horizontal ventilation procedures and dangerous building conditions created by fire and fire-suppression activities, the mechanics of PPV and PPA, PPA and how effective ventilation can be coordinated to support an aggressive fire attack, safety considerations and limitations of PPA and positive pressure, and other ways positive pressure blowers can be used to help victims and firefighters in a variety of situations.

All fire and rescue service personnel.

ETFR-5044 / 1 session / \$30		
>43202	Sun 12:30-3:30pm	Sep 29
Fred Malven, Nevada FD		

Introduction to NFIRS Reports and Iowa Fire Bridge Software

**NEW** Understand the knowledge and skills needed for those individuals responsible for the management of their department NFIRS reports including the forms and descriptions, common errors, submissions and basic uses for the information captured on the forms. You'll also take a look at the new online NFIRS software program—Iowa Fire Bridge from Image Trend, which the State Fire Marshal Office purchased for all Iowa fire departments. Learn how to set up the program at your department, enter data and additional features the software program provides.

All fire and rescue service personnel.

ETFR-5037 / 1 session / \$20		
>43204	Sat 9am-12pm	Sep 28
Alicia VerHuel, Fire Service Training Bureau		

“This was an excellent class. I would recommend this for every EMT or Paramedic.”





ISO Revisions to Fire Suppression Update

**NEW** Learn about ISO’s Public Protection Classification (PPC) program, the system which ISO uses to review the firefighting capabilities of nearly 48,000 fire districts across the United States. The primary focus will be on the newly implemented revisions to the Fire Suppression Rating Schedule (FSRS) and the manual used for collecting and processing data for those evaluations. ISO has made several key revisions to the PPC program, which are intended to reflect current trends in fire protection and to improve the predictive nature of the community fire mitigation evaluation process and rating. Get a detailed review of these changes, including the introduction of a new Community Risk Reduction section, which evaluates fire prevention, public fire safety investigation and fire investigation. Fire chiefs and community officials can rely on ISO as an objective source of information and support. Come learn what every community should know and understand about the PPC program.

All fire and rescue service personnel.

ETFR-5047 / 1 session / \$30

>43206 Sat 1-4pm Sep 28

Peyton Bullen, ISO Field Representative

>43211 Sun 8:30-11:30am Sep 29

Peyton Bullen, ISO Field Representative

Juvenile Firesetter Awareness

Designed for firefighters just entering the field of juvenile firesetting investigation. Learn the height, width and depth of the juvenile firesetting problem; different interviewing methods and techniques for various age groups; evaluation of the firesetter; and how to develop an education action plan for the firesetter and his/her family.

All fire and rescue service personnel.

ETFR-5014 / 1 session / \$30

>43213 Sat 1-4pm Sep 28

Jim Plunket, Ret., Lombard FD, Illinois

“Great class.  
Very informative  
and information I  
can take back to  
my department.”

Organ and Tissue Donation:

What Medics Need to Know

Currently more than 110,000 men, women and children are awaiting organ transplants to save their lives. Thousands more are in need of tissue and cornea transplants to restore their mobility and sight. This course will explain the rationale for accurate patient care documentation, the consequences of inadequate/inaccurate documentation, the guidelines for EMS providers initiating organ and tissue donation at the scene of the deceased, and describe the process for tissue donation and how EMS providers play a role in making a donation a reality. Approved for 1.5 FE EMS credit.

All EMS, fire and rescue service personnel.

ETFR-5028 / 1 session / \$0

>43216 Sat 1-2:30pm Sep 28

Ashley Mills, Iowa Donor Network

Kate Bengtson, Iowa Donor Network

>43221 Sun 12:30-2pm Sep 29

Ashley Mills, Iowa Donor Network

Kate Bengtson, Iowa Donor Network

Pediatric Problems: Medical/Traumatic  
Emergencies

**NEW** Discussions and treatments target the Emergency Responder and Basic EMT levels of EMS. Engage in a didactic review, group discussion and active participation in pediatric medical and traumatic case studies. Approved for 3.0 FE EMS credit.

All EMS, fire and rescue service personnel.

ETFR-5048 / 1 session / \$30

>43218 Sat 9am-12pm Sep 28

Jeff Larson, Paramedic Specialist, Story County EMS

Aaron Boor, Paramedic Specialist, Story County EMS

P10 For Line Firefighters and Officers

This course covers the basics needed to survive the media at an emergency incident. Topics include answering tough questions, preparing for an on-camera interview, nerves, writing a press release, working with the media in non-emergency situations and ensuring your department looks good at all times.

All fire and rescue service personnel.

ETFR-5016 / 1 session / \$30

>43219 Sun 8:30-11:30am Sep 29

Jim Plunket, Ret., Lombard FD, Illinois





**Reading Smoke: What Firefighters  
Need to Know**

One of the most important size-up skills an officer or firefighter can have is the instant ability to capture the size of a fire and the potential for it to progress into a rapid, hostile fire event like flashover or smoke explosion. Often, smoke issuing from a structure is the only clue available to predict fire behavior. First due fire officers and firefighters will discuss the process for reading smoke and predicting hostile fire events.

*All fire and rescue service personnel.*

**ETFR-5023** / 1 session / \$30

>**43227**      Sat 9am-12pm      Sep 28

Bob Downs, Ret., Fire Chief, Vinton FD

**Responding to a Fire in a Building with  
a Sprinkler System**

Almost every building is protected with a sprinkler system. Discuss the types of sprinkler systems available, learn the effectiveness of sprinklers and how to fight a fire in a building with a sprinkler system.

*All fire and rescue service personnel.*

**ETFR-5031** / 1 session / \$30

>**43229**      Sat 9am-12pm      Sep 28

Shawn Fluharty, Marion FD

**Search-iology 104: Basic Perimeter Search  
Strategies and Options**

This course focuses on the most commonly used search strategy, the so-called rule of rights or perimeter search approach. Several variations of this method will also be discussed. Learn the strengths and limitations of this option, as well as methods of overcoming or controlling the limitations and maximizing its effectiveness. Carries, drags and other methods of removing ground-level fire victims will also be addressed. The course concludes with practical evolutions aimed at building understanding and familiarity with perimeter search and maximizing its safety, effectiveness and efficiency. **Full NFPA compliant protective clothing and SCBA will be required for all students involved in the hands-on portion of this class.**

*All fire and rescue service personnel.*

**ETFR-5035** / 1 session / \$30

>**43230**      Sun 8:30-11:30am      Sep 29

Jason Corbin/Dave Donnelly/Staff, Nevada FD

**Search-iology 105: Oriented and Instrumentation  
Search Strategies and Options**

This course examines an increasingly popular alternative to the perimeter search, the oriented and related (non-contact) search methods. Learn the methods of integrating thermal imaging camera (TICs) into the search process. The strengths and limitations of these options will be addressed, as well as methods for overcoming or controlling their limitations and maximizing their effectiveness. Methods of removing fire victims from upper stories will also be addressed. The course concludes with practical evolutions aimed at building an understanding and familiarity with oriented and TIC search options and maximizing their safety and effectiveness. **Full NFPA compliant protective clothing and SCBA will be required for all students involved in the hands-on portion of this class.**

*All fire and rescue service personnel.*

**ETFR-5035** / 1 session / \$30

>**43232**      Sun 12:30-3:30pm      Sep 29

Jason Corbin/Dave Donnelly/Staff, Nevada FD

**Search-iology 301: Large Area Search  
Strategies and Options**

This course addresses various approaches to large area searches. Begin with a discussion of various forms of large areas, including exceptionally large open spaces (lecture halls, theaters, factory floors, open offices), large complexes with or without normal rectangular room configurations, and maze-like spaces no matter what their size. Several methods will be introduced along with strengths and limitations of each. Methods of overcoming or controlling the limitations and maximizing their effectiveness will also be addressed. Conclude with practical evolutions aimed at building understanding and familiarity with large area search situations and maximizing unit safety and effectiveness in dealing with them. **Full NFPA compliant protective clothing and SCBA will be required for all students involved in the hands-on portion of this class.**

*All fire and rescue service personnel.*

**ETFR-5035** / 1 session / \$30

>**43234**      Sat 9am-12pm      Sep 28

Fred Malven/Jason Corbin/Dave Donnelly/Staff, Nevada FD

**Search-iology 401: Victim Specific and R.I.T. and High Stress Search Strategies and Options**

Focus on high stress search situations, such as a life in extreme jeopardy, whether an occupant or an emergency responder. Class will begin with a discussion on the various types of high stress search situations and alternatives for dealing with them. Rapid options for finding, accessing, protecting and retrieving victims, including vent/enter/search, vent for rescue and protect in place methods will be discussed, along with exceptional safety hazards posed by high stress. The strengths and limitations of various options will be addressed, as will methods of overcoming or controlling the limitations and maximizing their safety and effectiveness. Conclude with practical evolutions aimed at helping firefighters and fire departments bolster their preparedness for high stress search events. **Full NFPA compliant protective clothing and SCBA will be required for all students involved in the hands-on portion of this class.**

*All fire and rescue service personnel.*

**ETFR-5035** / 1 session / \$30

**>43237** Sat 1-4pm Sep 28

Fred Malven/Jason Corbin/Dave Donnelly/Staff, Nevada FD

**Vertical Ventilation**

**NEW** Understanding the importance of vertical ventilation in structural fires is critical. Proper vertical ventilation simplifies and expedites the rescue of victims by removing smoke and gases that can endanger the lives of trapped occupants and firefighters. When done properly, ventilation saves lives, eases firefighter conditions, and reduces property damage. Understand basic principles of vertical ventilation and the importance of overall fire suppression. Identify the hazards of smoke and understand how proper ventilation tactics can mitigate the hazards of ventilation-controlled fire.

*All fire and rescue service personnel.*

**ETFR-5044** / 1 session / \$30

**>43224** Sun 8:30-11:30am Sep 29

Fred Malven, Nevada FD



# ONE-DAY CLASSES

"9"

**NEW** An in-depth case study review of the Sofa Super Store fire that took the lives of nine Charleston, South Carolina firefighters on June 18, 2007. Learn about the event, hear actual fire ground audio from the call, view photos of the scene and more. This is your chance to review the event in detail and help prevent similar types of incidents in the future.

*All fire and rescue service personnel.*

**ETFR-5259** / 1 session / \$45

>**43181** Sat 9am-4pm Sep 28

Lance Rouston, Urbandale FD

>**43186** Sun 8:30am-3:30pm Sep 29

Lance Rouston, Urbandale FD

## Advanced Vehicle Extrication

Build on the basic extrication techniques and skills in the areas of stabilization, patient access and removal, and advanced hydraulic operations as you participate in scenario-type operations utilizing various hand pneumatic and hydraulic powered tools. Advanced scenarios will be utilized in this program. **Full NFPA compliant protective clothing and safety glasses will be required for all students involved in the hands-on portion of this class.** Approved for 6.0 OE EMS credit.

*All EMS, fire and rescue service personnel.*

**ETFR-5252** / 1 session / \$60

>**43188** Sun 8:30am-3:30pm Sep 29

Bob Sandry/Staff, Sandry Fire Supply

**"Absolutely loved the whole class. Was very informative. The cutting, spreading and sawing were very hands on and a great experience."**

## Basic Vehicle Extrication

Auto accidents are the leading cause of accidental injury and death, and are some of the most common responded to rescues. Injured victims can be trapped by the vehicle, requiring efficient and effective extrication operations to free them. Improper extrication methods can cause unwanted movement and additional injury to these patients. Learn the techniques needed to safely size-up and mitigate an emergency involving an automobile type vehicle, and the proper procedures for vehicle stabilization, patient disentanglement and removal. This course will give you hands-on experience with various types of rescue tools. **Full NFPA compliant protective clothing and safety glasses will be required for all students involved in the hands-on portion of this class.** Approved for 6.0 OE EMS credit.

*All EMS, fire and rescue service personnel.*

**ETFR-5205** / 1 session / \$60

>**43191** Sat 9am-4pm Sep 28

Bob Sandry/Staff, Sandry Fire Supply

## Combine Extrication

A hands-on class taking an in-depth look at agricultural trauma including injuries associated with a combine entrapment. Get hands-on practice in dealing with trauma patient care, cribbing and extrication tools. Come prepared to perform several evolutions in patient extrication. **Full NFPA compliant protective clothing and safety glasses will be required for all students involved in the hands-on portion of this class.** Approved for 6.0 FE EMS credit.

*All EMS, fire and rescue service personnel.*

**ETFR-5209** / 1 session / \$40

>**43195** Sun 8:30am-3:30pm Sep 29

Dan Neenan, National Education Center for Agricultural Safety (NECAS)

Staff, Fire Service Training Bureau





Confined Space Rescue

Get hands-on experience in confined space procedures and content that adheres to OSHA Standard CFR 1910.146, NFPA 1006 and NFPA 1670. Understand the basic strategies involved in safeguarding employee's health and safety when dealing with potential dangers associated with confined spaces. You will gain basic knowledge in proper entry program procedures, facility pre-planning, tying knots, new equipment and proper patient packaging. According to US OSHA, confined spaces result in more than 60 deaths and 12,000 injuries each year. NIOSH found 25 percent of confined space victims would be rescuers. **Helmets, leather gloves, safety glasses and footwear that provides ankle support will be required for all students involved in the hands-on portion of this class.** Approved for 6.0 OE EMS credit.

All EMS, fire and rescue service personnel.

ETFR-5210 / 1 session / \$40

>43199 Sat 9am-4pm Sep 28

Staff, Professional Rescue Innovations

Staff, Fire Service Training Bureau

Electric Vehicle Safety for Emergency Responders

The Electric Vehicle Safety Training project is a nationwide program to help firefighters and other first responders prepare for the growing number of electric vehicles on the road in the United States. Get the information you need to most effectively deal with potential emergency situations involving electric vehicles. Approved for 6.0 OE EMS credit.

All EMS, fire and rescue service personnel.

ETFR-5254 / 1 session / \$40

>43203 Sat 9am-4pm Sep 28

Joe Zittergruen, Guttenberg FD

Staff, Fire Service Training Bureau

>43207 Sun 8:30am-3:30pm Sep 29

Joe Zittergruen, Guttenberg FD

Staff, Fire Service Training Bureau

Fire Pump Operations

Learn basic information regarding different types of fire pumps and friction loss. Discuss the fire pump and its systems, basic operations and positive-displacement pumps and centrifugal pumps, single-stage pump and two-stage pump. Discussion will also include the inspection and maintenance of the pumps and also the role of the driver/operator when responding to the incident. Leave with a solid understanding of the way pumps work and how to properly operate the pumps on the apparatus.

All fire and rescue service personnel.

ETFR-5204 / 1 session / \$45

>43209 Sun 8:30am-3:30pm Sep 29

Lee Lautzenheiser, Coralville FD

Four Methods of Effective Instruction

**NEW** It is essential that instructors thoroughly understand the four methods of effective instruction and apply them effectively. The four steps are relevant in any teaching situation, whether an instructor is teaching one firefighter or a group. Learn how to effectively explain the four-step method of instruction, how to use these methods to provide a learnable training session and explain how to use the four methods of instruction.

All fire and rescue service personnel.

ETFR-5253 / 1 session / \$45

>43214 Sun 8:30am-3:30pm Sep 29

Doug Kolkman, Iowa Society of Fire Service Instructors

Grain Bin Rescue

Designed to give students knowledge of grain bin design and structure. Learn the four most common ways victims get entrapped. During the hands-on component of class, you will practice lock out/tag out and extrication procedures for both fully engulfed and partially engulfed victims. The content meets NFPA 1006 and NFPA 1670 requirements. **Full NFPA compliant protective clothing and safety glasses will be required for all students involved in the hands-on portion of this class.** Approved for 6.0 OE EMS credit.

All fire and rescue service personnel.

ETFR-5202 / 1 session / \$40

>43215 Sat 9am-4pm Sep 28

Dan Neenan, National Education Center for Agricultural Safety (NECAS)

Staff, Fire Service Training Bureau







Interior Fire Attack-Ground Level Entry

Gain information and practice the skills required to enter structures and ground level. Review the basic principles of fire fighter safety, fire behavior, thermal layering, flame over, backdraft, ventilation, stages of fire and fire streams, and then put that knowledge to practice in the Fire Service Training Bureau’s two-story mobile fire training trailer. The trailer will simulate conditions encountered in actual interior structure fires. You will practice SCBA usage, hose handling skills, communications and fire attacks simulating ground level and basement fires. Basic knowledge and experience in the areas of safety, fire behavior, personal protective equipment (PPE) ventilation, fire hose, appliances and fire streams is required. **Full NFPA compliant protective clothing and SCBA will be required for all students involved in the hands-on portion of the class.**

All fire and rescue service personnel.

ETFR-5226 / 1 session / \$40		
>43217	Sat 9am-4pm	Sep 28
Staff, Fire Service Training Bureau		

Interior Fire Attack-Ladder Entry

Gain information and practice the skills required to enter structures using a ladder. Review basic principles of ladder usage, water application and ventilation, then practice correct ladder usage, advancing hose, fire attacks and communication by working in teams with the incident commander in the Fire Service Training Bureau’s two-story mobile fire training trailer. The trailer will help simulate conditions encountered in actual interior structure fires. Gain experience in using the second story entrance into a structure, fire attacks on either level, ventilation and communication skills. Basic knowledge and experience in the areas of safety, fire behavior, ladders, personal protective equipment (PPE) ventilation, fire hose, appliances and fire streams is required.

**Full NFPA compliant protective clothing and SCBA will be required for all students involved in the hands-on portion of the class.**

All fire and rescue service personnel.

ETFR-5227 / 1 session / \$40		
>43220	Sun 8:30am-3:30pm	Sep 29
Staff, Fire Service Training Bureau		

Live Flashover Simulator

The Flashover Unit allows firefighters the opportunity to see, look for and learn to recognize pre-flashover conditions. You will see and experience real fire that follows the real-world time temperature curve, not a computerized controlled propane simulation. It is extremely important that firefighters not only appreciate the limits of their protective gear, but experience the fully developed fire, dense smoke, high heat, and rollover-the warning signs of flashover, all of which are present in the unit. Must be trained to the Fire Fighter 1. **Full NFPA compliant protective clothing and SCBA will be required for all students involved in the hands-on portion of this class.**

All fire and rescue service personnel.

ETFR-5230 / 1 session / \$70		
>43228	Sat 9am-4pm	Sep 28
Customized Firefighter Training, Graettinger, Iowa		
>43231	Sun 8:30am-3:30pm	Sep 29
Customized Firefighter Training, Graettinger, Iowa		

Manure Pit Rescue

**NEW** Learn procedures for safely entering the confined space of a manure pit to perform rescue operations in low oxygen situations. Air monitoring, roping and harnessing will be covered. Hands-on practice will be conducted in a new state of the art simulator. **Full NFPA compliant protective clothing and SCBA will be required for all students involved in the hands-on portion of the class.** Approved for 6.0 OE EMS credit.

All EMS, fire and rescue service personnel.

ETFR-5258 / 1 session / \$40		
>43222	Sun 8:30am-3:30pm	Sep 29
Dan Neenan, National Education Center for Agricultural Safety (NECAS)		
Staff, Fire Service Training Bureau		

“Great class; learned a lot. I really liked the real-life scenarios associated with what we learned.”

### Propane Emergencies Hands-on

**NEW** Designed for all fire fighters who may be called upon when propane is inadvertently released from its container. Start in a classroom setting understanding the physical properties of liquefied petroleum gases and propane. Move into hands-on exercises demonstrating the proper offensive and defensive techniques for a propane device leaking product, in which the leak may or may not be ignited. **Full NFPA compliant protective clothing and SCBA will be required for all students involved in the hands-on portion of the class.**

*All fire and rescue service personnel.*

**ETFR-5250** / 1 session / \$40

>**43226** Sat 9am-4pm Sep 28

Staff, Fire Service Training Bureau

### Rapid Intervention Teams

**NEW** An intensive hands-on session by firefighters for firefighters using scenarios and skills based on actual incidents. Emphasis throughout class is on simplicity, speed and success. Learn the basic tools, skills, mindset and teamwork needed to survive and recover downed comrades. Armed with these basic abilities, you'll be able to adapt them to overcome many fire ground obstacles to keep yourself and others alive. **Full NFPA compliant protective clothing and SCBA will be required for all students involved in the hands-on portion of the class.**

*All EMS, fire and rescue service personnel.*

**ETFR-5235** / 1 session / \$40

>**43225** Sun 8:30am-3:30pm Sep 29

Staff, Fire Service Training Bureau

### Responding to Grain Bin Fires

This class will familiarize firefighters with response to fires in grain elevators, grain bins, silos or feed mills. It will focus on what to look for, how to approach, how to extinguish and how to stay safe when fighting these tricky fires.

*All fire and rescue service personnel.*

**ETFR-5255** / 1 session / \$45

>**43233** Sat 9am-4pm Sep 28

Cliff McFarland, Ret. West Des Moines FD

>**43236** Sun 8:30am-3:30pm Sep 29

Cliff McFarland, Ret. West Des Moines FD

### Retaining and Recruiting Volunteer Firefighters

Does your department have trouble recruiting new people and keeping members for the long haul? Examine the problems with recruitment and retention in the emergency services arena. Look at what has changed in the volunteer service over the last 20 years and why getting and keeping people is so challenging. You will also discuss solutions to these problems that have worked for other departments across the nation. Come prepared to discuss what your department has tried to do with this issue, including what has worked and what was not so successful.

*All fire and rescue service personnel.*

**ETFR-5236** / 1 session / \$45

>**43235** Sat 9am-4pm Sep 28

George Oster, George Oster and Associates, LLC

Todd Moomaw, Fire Service Training Bureau, Ames FD

### Structural Collapse Rescue

**NEW** Understand the hazards associated with structural collapse, what you need to know to handle such an incident and what requirements you should consider with developing a collapse response team. Considerations for local, state and federal response teams will also be discussed. Understand the general hazards associated with structural collapse incidents, including the recognition of applicable construction types and categories, and the expected behaviors of components and materials in a structural collapse. Learn how to recognize and assess potential conditions at a structural collapse incident, as well as identify the resources necessary to conduct safe and effective structural collapse search and rescue operations.

*All fire and rescue service personnel.*

**ETFR-5260** / 1 session / \$70

>**43223** Sat 9am-4pm Sep 28

Staff, Professional Rescue Innovations

**Tactical and Practical Incident Command Systems**

Firefighters will use the Incident Command System (ICS) to coordinate multiple resources, prioritize tactics and employ safe strategies to resolve fire scenarios. This is a hands-on class where you will perform, supervise and monitor simultaneous and sequenced tactical activities including forcible entry, ventilation, search and rescue, attack, laddering, water supply and safety. **Full NFPA compliant protective clothing and SCBA will be required for all students involved in the hands-on portion of this class.**

*All fire and rescue service personnel.*

**ETFR-5256** / 1 session / \$50

>**43238** Sat 9am-4pm Sep 28

Joe Hein, East Dubuque FD

Mike Burds, Dubuque FD

**Tractor Rollover**

The tractor rollover extrication training program will give you an in-depth look at how tractors roll over and new safety devices that help stabilize a tractor including Roll-Over Protection Systems (ROPS). The latest data shows 2.32 million tractors in the U.S. without ROPS. The hands-on portion of this class will deal with trauma patient care, cribbing and extrication tools. You will perform several evolutions in patient extrication. **Full NFPA compliant protective clothing and safety glasses will be required for all students involved in the hands-on portion of this class.** Approved for 6.0 FE EMS credit.

*All EMS, fire and rescue service personnel.*

**ETFR-5244** / 1 session / \$40

>**43239** Sat 9am-4pm Sep 28

Dan Neenan, National Education Center for Agricultural Safety (NECAS)

Staff, Fire Service Training Bureau

**Trench Rescue: The Silent Killer**

Get hands-on training with trench rescue procedures. Content will adhere to NFPA 1006 and NFPA 1670. Learn the basic strategies used to safeguard responders' health and safety when dealing with potential dangers associated with trench collapse emergencies. You'll gain basic knowledge in trench procedures, new equipment, trench hazards and proper patient packaging. You'll work together to understand the patient's needs. **Full NFPA compliant protective clothing and safety glasses will be required for all students involved in the hands-on portion of this class.** Approved for 6.0 OE EMS credit.

*All EMS, fire and rescue service personnel.*

**ETFR-5246** / 1 session / \$40

>**43240** Sun 8:30am-3:30pm Sep 29

Staff, Professional Rescue Innovations

Staff, Fire Service Training Bureau

**Vehicle Fire Attack: What Firefighters Need to Know**

Gain the knowledge and skills to safely extinguish a vehicle fire. Topics include Incident Command System, accountability, safety issues, extinguishment, overhaul and termination. This course is a combination of classroom and hands-on fire exercises. **Full NFPA compliant protective clothing and SCBA will be required for all students involved in the hands-on portion of this class.**

*All fire and rescue service personnel.*

**ETFR-5251** / 1 session / \$55

>**43178** Sat 9am-4pm Sep 28

Randy Thompson, Grundy Center FD

Nathan Kappel, Ackley FD

>**43241** Sun 8:30am-3:30pm Sep 29

Randy Thompson, Grundy Center FD

Nathan Kappel, Ackley FD

**“Very good speaker.  
I enjoyed the class and  
the information was  
presented well.”**



# TWO-DAY CLASSES

## Basic Firefighting

Learn the necessary skills for basic firefighting operations. This class will be a blend of lecture with the majority of class time focused on practical skills and competency. Topics include: firefighter safety, use and care of SCBA, basic search and rescue techniques, use of fire extinguishers, fire behavior and fire attack with water fire streams. This class is NOT a substitute for the Firefighter 1 class. **Full NFPA compliant protective clothing and SCBA will be required for all students involved in the hands-on portion of this class.**

All fire and rescue service personnel.

ETFR-5502 / 2 sessions / \$95

>43182 9am-4pm; 8:30am-3:30pm Sep 28-Sep 29

John Zlabek, Hiawatha & West Bertram FD

Roger Berry, Indianola FD

Shawn Fluharty, Marion FD

## Big Rig Rescue

Get hands-on experience and practice with techniques to use when large over-the-road trucks are involved in an accident. Topics include: truck/trailer construction, air brake systems, vehicle stabilization, extrication equipment, patient removal, and techniques and tools uncommon to other vehicle rescue situations. The content covered in class will meet NFPA 1006 and NFPA 1670 requirements. **Full NFPA compliant protective clothing and SCBA will be required for all students involved in the hands-on portion of this class.**

All fire and rescue service personnel.

ETFR-5512 / 2 sessions / \$95

>43190 9am-4pm; 8:30am-3:30pm Sep 28-Sep 29

Staff, Professional Rescue Innovations

Staff, Fire Service Training Bureau Staff

## Fire Investigation Hands-On Training

**NEW** This course provides firefighters with basic skills required in an initial fire scene investigation. Learn about fire behavior and basic origin and cause investigation techniques, along with scene preservation, documentation and evidence collection of an on-scene investigation of a live burn. **Fire coat, helmet, and gloves will be required for all students involved in the hands-on portion of this class.**

All fire and rescue service personnel.

ETFR-5501 / 2 sessions / \$95

>43196 9am-4pm; 8:30am-3:30pm Sep 28-Sep 29

Staff, Iowa Department of Public Safety State Fire Marshal Division

## Introduction to High Angle Rope Rescue

This course provides those personnel who are or will be members of a rescue team, with the basic knowledge and skills needed to perform rescues using rope systems. Topics include: knots, rigging, belaying, raising and lowering systems, mechanical advantage, patient packaging and rescue procedures. **Students in this class must bring a helmet (rescue style preferred), clean tight fitting leather gloves (no firefighting gloves), shoes with ankle support and non-slip soles (boots preferred), and long pants. Student should bring a harness if possible.** Approved for 12.0 OE EMS credit.

All EMS, fire and rescue service personnel.

ETFR-5508 / 2 sessions / \$95

>43205 9am-4pm; 8:30am-3:30pm Sep 28-Sep 29

Jim Whitaker, Burlington FD

Ray Wilson, Mediapolis FD

**Juvenile Firesetter Intervention  
Specialist I (NFPA)**

**NEW** Learn the skills and tools necessary to become a Juvenile Firesetter Intervention Specialist I. Gain an understanding of the NFPA 1035 Juvenile Firesetter Intervention Specialist I requirements including introduction, primary prevention, identification and intake, an understanding of who sets fires and why, and interview and intervention strategies. Learn how to conduct an interview with a firesetter and his/her family using prepared forms and guidelines, and who, based on recommended practice, may determine the need for referral for counseling or implement educational intervention strategies to mitigate effects of firesetting behavior.

*All fire and rescue service personnel.*

**ETFR-5516** / 2 sessions / \$70

**>43208** 9am-4pm; 8:30am-3:30pm Sep 28-Sep 29

Brent Smith, Cedar Rapids FD

Staff, Fire Service Training Bureau

**“Very informational.  
Kept me interested and  
well worth the time.”**



# PERTINENT FIRE SCHOOL INFORMATION

## PERSONAL PROTECTIVE EQUIPMENT

The following rules regarding personal protective equipment will apply for several hands-on classes at the CITA-Kirkwood Fire School. If Personal Protective Equipment requirements Apply are indicated in the class description, students must provide the following equipment in order to participate. No exceptions will be made unless noted in the class description.

***Personal Protective Equipment must include:***

- 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 hydrostatic test will be refilled at no cost.)

Exceptions to individual equipment items will be noted in the class descriptions. Individuals 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 classes requiring SCBA use. Protective hoods over beards are not approved.

## 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. Please consult your physician regarding your participation.

## AGE REQUIREMENT POLICY

The following policies were put into effect regarding minimum age requirements for courses at the CITA-Kirkwood Fire School. All students must be at least 18 years of age and must be fully-covered by insurance. This policy has been implemented to assure the safety of the students who attend classes at Fire School.

## DISCLAIMER

The 27th Annual Central Iowa Training Association and Kirkwood Community College Fire School, 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 or fire department does not provide insurance 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 family. 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.

## VOLUNTEER FIRE FIGHTER TRAINING FUND CREDIT

Due to partial grant funding from the Iowa Volunteer Firefighter Training Fund, individuals from Iowa volunteer and combination fire departments registering for the courses listed below will receive a \$30 reduction in fire school fees. You and your department are still responsible for the cost listed for each class, which includes the cost of your lunch, material fees and resource fees.

- Big Rig Rescue
- Combine Extrication
- Confined Space Entry
- Creating Reports in Iowa Fire Bridge Report Writer 2.0
- Electric Vehicle Safety for Emergency Responders
- Grain Bin Rescue
- Interior Fire Attack: Ground Entry
- Interior Fire Attack: Ladders
- Introduction to NFIRS & Iowa Fire Brigade Software
- Juvenile Fire Intervention Specialist 1 (NFA)
- Manure Pit Rescue
- Propane Emergencies Hands-on
- Rapid Intervention Teams
- Tractor Rollover
- Trench Rescue: The Silent Killer



**IOWA CERTIFICATION REGIONAL EXAM**

The Fire Service Training Bureau will offer the Firefighter 1, 2, Hazardous Materials Operations and Fire Service Instructor 1 exams at the Kirkwood Continuing Education Training Center, 101 50th Avenue SW, in room 1102 on Saturday, September 28, at 5 p.m. Attendance is by pre-registration only. **No walk-ins will be allowed.**

Those testing need to submit an application form and certification fee or billing information to the Certification Unit at the Fire Service Training Bureau. To receive an application packet, please contact the Fire Service Training Bureau at 1-888-469-2374. Firefighter 1 and 2 exams are based on the 2013 edition of the NFPA 1001 standard and the Essentials 6th Edition. Bring full personal protective equipment and SCBA to the class and examination. No facial hair in the area of the face piece seal is allowed. No exceptions will be made. **Application deadline is September 9, 2013.**

**CITA MEMBERSHIP**

We invite your department to join the Central Iowa Training Association. Membership includes access to CITAs film library of more than 1,200 films for the fire service. For information, call Kim Fensterman, secretary, at 319-398-5678.

**FIRE SCHOOL COMMITTEE**

Scott Donohoe	Mark English
Kim Fensterman	Mike Fredericks
Shawn Fluharty	Richard Harman
Dave Hughes	Marty Hoy
Chuck Niehaus	Matt Powers
Dave Stannard	John Zlabek

**CITA BOARD MEMBERS**

Brian Courtney, Linn County
Scott Donohoe, Cedar County
Kim Fensterman, Linn County
Dick Henson, Iowa County
Adam Kramer, Johnson County
Gary Lange, Benton County
Scott McNeal, Benton County
Chuck Niehaus, Delaware County
John Novak, Tama County
Dan Paidar, Cedar County
Mike Reuman, Tama County
Dave Stannard, Johnson County
Brian Ward, Iowa County
Kevin Wieser, Delaware County
John Zlabek, Linn County

**EXHIBITOR TIMES**

Manufacturers and dealers will be on hand to assist with the Fire School and to answer your questions. They will be located in the Johnson Hall gym. You will have a chance to win door prizes from manufacturers and dealers.  
Saturday times: 7:15 a.m. - 5 p.m.  
Sunday times: 7:15 a.m. - 1 p.m.

**MEALS**

Continental breakfast will be provided for all participants each morning in the vendor area. Lunch will be provided in Iowa Hall for all participants. Your lunch ticket is located behind your name tag.

**HOTELS**

Overnight accommodations are available close to Kirkwood’s campus. Please mention that you are attending a Kirkwood Community College sponsored event.

**The Hotel at Kirkwood Center**

7725 Kirkwood Blvd. SW      319-848-8700

**AmericInn**

8910 6th Street SW      319-632-1800

**Clarion Inn**

525 33rd Avenue SW      319-366-8671

**Comfort Inn**

390 33rd Avenue SW      319-363-7934

**Country Inn & Suites**

9100 Atlantic Dr. SW      319-363-3789

**Hampton Inn**

3265 6th Street SW      319-364-8144

**Holiday Inn Express**

3320 Southgate Ct. SW      319-399-5025

**Howard Johnson**

616 33rd Avenue SW      319-366-2475

**Red Roof Inn**

3243 Southridge Dr SW      319-364-2000

**Super 8**

720 33rd Avenue SW      319-362-6002

**REGISTRATION**

**Class sizes are limited—pre-registration is required.** To register, visit [www.kirkwood.edu/fireschool](http://www.kirkwood.edu/fireschool), or call 1-800-332-8833 or 319-398-1022.

If an individual’s company is responsible for payment, the company must register each individual using the enclosed billing authorization form and Kirkwood will bill the company. Invoices will not be sent to individuals. Billing for all registered participants will be done regardless of attendance. **Please remember that lunch is part of your class cost.**

**CONFIRMATION**

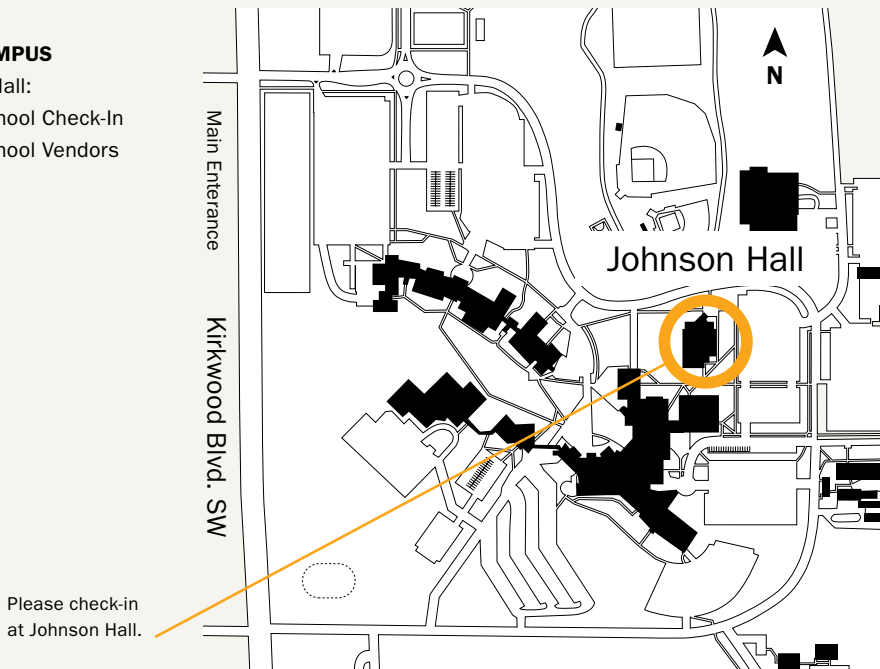
All participants that are registered prior to September 12, 2013, will receive a confirmation packet. Those who register on or after September 12 will need to pick up their confirmation packet at check-in. The confirmation packet will include a confirmation letter, campus map, name tag and lunch ticket.

**LOCATION**

The CITA-Kirkwood Fire School is held at Kirkwood Community College, Cedar Rapids main campus, 6301 Kirkwood Blvd SW, Cedar Rapids, Iowa. A printable map is online at [www.kirkwood.edu/maincampus](http://www.kirkwood.edu/maincampus).

**MAIN CAMPUS**

- Johnson Hall:
- Fire School Check-In
  - Fire School Vendors



## Sponsorship Billing Authorization:



Fill out the enrollment form below and  
fax to **319-398-7185**.

To: Continuing Education, Kirkwood Community College

Date: \_\_\_\_\_

We authorize Kirkwood Community College to bill our fire department or entity listed below for the following listed student and class(es). We will assume responsibility for the cost of the course(s).



### Continuing Education

Kirkwood Community College

P.O. Box 2068

Cedar Rapids, IA 52406

## 27<sup>TH</sup> CITA-KIRKWOOD FIRE SCHOOL 2013

PLEASE PRINT LEGIBLY:

Student Name \_\_\_\_\_

Student Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

Phone \_\_\_\_\_ Email Address \_\_\_\_\_

SSN or ID # \_\_\_\_\_ Date of Birth \_\_\_\_\_

Course No.	Class Title and Dates	Class Cost
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

### Contact numbers of student listed above:

Fire Station (     ) \_\_\_\_\_ Home (     ) \_\_\_\_\_

Work (     ) \_\_\_\_\_ Cell Phone (     ) \_\_\_\_\_

### Please send the bill to the following name and address:

Fire Department Name \_\_\_\_\_

Attention \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

Phone \_\_\_\_\_

Approval Signature (required) \_\_\_\_\_

Print Authorized Name/Title (required) \_\_\_\_\_

**Please note: If "NFPA-compliant equipment" is indicated in the class description, students must provide the listed equipment in order to participate. No exceptions will be made unless noted in the class description.**

# 27<sup>th</sup> CITA-KIRKWOOD FIRE SCHOOL

KIRKWOOD COMMUNITY COLLEGE | CEDAR RAPIDS, IOWA | [WWW.KIRKWOOD.EDU/FIRESCHOOL](http://WWW.KIRKWOOD.EDU/FIRESCHOOL)

SEPTEMBER 28 & 29, 2013



**Continuing Education**  
Kirkwood Community College  
6301 Kirkwood Blvd. SW  
PO Box 2068  
Cedar Rapids, Iowa 52406



Non-Profit Organization  
U.S. Postage  
**Paid**  
Cedar Rapids, Iowa 52406  
Permit No. 94