

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

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

SEPTEMBER 24 & 25, 2011





Welcome to Kirkwood Continuing Education

## CITA-KIRKWOOD FIRE SCHOOL

Since 1986, the Central Iowa Training Association and Kirkwood Community College have partnered together to bring you the CITA-Kirkwood Fire School. This fire school is one of the largest in the state of Iowa and is committed to providing the highest quality fire training through efficient use of resources in meeting the training, safety and education needs of fire service personnel across Iowa and nearby states.

## September 24 & 25, 2011

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### 2011 FIRE SCHOOL SCHEDULE

#### Saturday, September 24, 2011

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 25, 2011

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

### Anhydrous Ammonia Emergencies

**NEW** Anhydrous ammonia is a chemical compound of nitrogen and hydrogen. At atmospheric pressure it is a gas with a density just over half that of air, and it liquefies at modest pressures. This course is designed to give emergency responders basic information concerning anhydrous ammonia, including tactical considerations involving outdoor releases at typical storage and transportation situations.

*All fire and rescue service personnel.*

**ETFR-5025 / 1 session / \$27**

> **16316 / Sun 12:30-3:30pm / Sep 25**

Bill Erb, Coralville FD

### Emergency Burn Care

The purpose of this program is to provide current emergency care management and interventions to the critically injured adult and pediatric burn patient. This course covers how to identify the components of the primary and secondary survey, and identify management techniques for the burn victim; determine the depth of burn injury and the extent of the burn size; and estimate and initiate fluid resuscitation needs for the burn patient. Approved for 3.0 FE EMS credit.

*All fire, EMS and rescue service personnel.*

**ETFR-5003 / 1 session / \$27**

> **16315 / Sat 9am-12pm / Sep 24**

Jackie Heinle, UIHC, Department of Nursing

### EMS and Hazardous Materials

**NEW** This course provides a better understanding of hazardous materials emergencies and the roles and responsibilities of emergency medical services personnel at the emergencies. Learn to identify the relationship between a hazardous material emergency and the emergency medical services, the presence of a hazardous material utilizing various means of recognition and identification, and the duties that EMS personnel may be expected to perform at a hazardous materials incident. Approved for 3.0 OE EMS credit.

*All fire, EMS and rescue service personnel.*

**ETFR-5004 / 1 session / \$27**

> **16317 / Sun 12:30-3:30pm / Sep 25**

Mark English, Cedar Rapids FD

### EMS Training for Individuals with Disabilities Who Present Medical/Trauma Emergencies

This course teaches EMS personnel that there are many people integrated into our communities who suffer from varying differences in disabilities. It shares how to identify all individuals who can present challenges, teach EMS personnel how to identify themselves without speaking, and also teach the basic universal hand and sign language techniques to assist in medical and trauma emergencies. Approved for 3.0 FE EMS credit.

*All fire, EMS and rescue service personnel.*

**ETFR-5005 / 1 session / \$27**

> **16320 / Sat 1-4pm / Sep 24**

Lisa Roberts, Wadena-Illlyria FD

> **16329 / Sun 8:30-11:30am / Sep 25**

Lisa Roberts, Wadena-Illlyria FD

## Ethanol Safety Seminar

**NEW** The course focuses on numerous important areas of ethanol safety, including an introduction to ethanol and ethanol-blended fuels, chemical and physical characteristics of ethanol and hydrocarbon fuels, transportation of ethanol blended fuels, storage and dispensing locations, firefighting foam principles and ethanol, ethanol-blended fuel emergencies, and incidents at tank farm and bulk storage locations.

*All fire and rescue service personnel.*

**ETFR-5026** / 1 session / \$0

> **16321** / Sat 1-4pm / Sep 24

Staff, Renewable Fuels Association

> **16331** / Sun 8:30-11:30am / Sep 25

Staff, Renewable Fuels Association

## Forcible Entry

How does a firefighter gain entry into a secured building? Getting inside to stop a potential fire or to rescue a potential victim can be time consuming, hazardous and difficult. Forcible-entry training includes various methods employed to gain entry into a building through doors, windows and walls, and by forcing locks. This training emphasizes safety, speed and the need to minimize property damage. The difference between success and failure during a fire suppression operation or rescue may depend on the ability of the firefighter to breach a barrier quickly, efficiently and safely. This course provides the students the opportunity to practice with realistic props for hands-on practice. *Full NFPA compliant protective clothing 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 / \$32

> **16326** / Sat 1-4pm / Sep 24

Staff, Professional Rescue Innovations

> **16322** / Sun 8:30-11:30am / Sep 25

Staff, Professional Rescue Innovations

## Handling Pipeline Emergencies

**NEW** This class discusses how to initiate emergency response and apply decision-making and tactical skills when responding to a pipeline incident. Response techniques will be applied through the scenario-based exercises using our computer-based 3-D training simulator. In this hands-on class, students actively participate in the emergency response exercises, allowing everyone the opportunity to describe their response actions and outcomes. This class reviews a case study of an incident that took place in Maryland in 2009, where eight fire fighters and one gas company employee were injured during a natural gas explosion.

*All fire and rescue service personnel.*

**ETFR-5027** / 1 session / \$0

> **16334** / Sat 1-4pm / Sep 24

Dave Zimple, Pipeline Regulatory Consultants, Inc.

## How to Write a Fundraising Plan

You dedicate significant time and effort to developing and keeping your SOPs, SOGs and more, current. How much time do you have left over to develop a fundraising plan? Would it be nice to not feel like you're shooting from the hip a few days before your pancake breakfast? This course covers the steps involved in creating a fundraising plan for your department that establishes clear direction, goals and makes your case for community support stronger.

*All fire and rescue service personnel.*

**ETFR-5013** / 1 session / \$27

> **16335** / Sun 12:30-3:30pm / Sep 25

Dawn Svenson-Holland, Flashpoint Fundraising

## Hybrid Vehicle Training: What You Need to Know

Is your department trained to handle the increasing number of incidents involving hybrid vehicles? Are your members aware of the unique dangers surrounding these electric vehicles and how to minimize the risk to both themselves and victims? Some estimates place 5.2 million hybrid vehicles on the road with nearly 50 models available in 2011. From an in-depth look at the technology in hybrids to response procedures, this training covers everything needed to operate safely and effectively around these vehicles.

*All fire and rescue service personnel.*

**ETFR-5011** / 1 session / \$32

> **16336** / Sat 9am-12pm / Sep 24

Staff, Professional Rescue Innovations

> **16339** / Sun 12:30-3:30pm / Sep 25

Staff, Professional Rescue Innovations

## Juvenile Firesetter Awareness

This program is designed for the firefighter just getting into the juvenile firesetting field. Some of the areas that are covered in this program are the height, width and depth of the juvenile firesetting problem; interviewing methods and techniques for various age groups; evaluation of the firesetter; and how developing an education action plan for the firesetter and his or her family.

*All fire and rescue service personnel.*

**ETFR-5014** / 1 session / \$27

> **16340** / Sun 8:30-11:30am / Sep 25

Jim Plunket, Ret., Lombard FD, Illinois

## Organ, Tissue and Eye Donation

**NEW** Currently more than 110,000 people are awaiting life-saving organ transplants. Thousands more are in need of tissue and cornea transplants to restore their mobility and sight. This course explains the rationale for accurate patient care documentation and the consequences of inadequate/inaccurate documentation; guidelines for EMS providers initiating organ and tissue donation at the scene of the deceased; describe the process for tissue donation; and how EMS providers play a role in making a donation a reality. Approved for 3.0 FE EMS credit.

*All fire, EMS and rescue service personnel.*

**ETFR-5028** / 1 session / \$0

> **16342** / Sat 1-2:30pm / Sep 24

Leslie Bohlen, Iowa Donor Network

## Patient Assessment

**NEW** This class introduces the fundamental principles and skills involved in assessing the prehospital patient. It includes an emphasis on the systemic approach to patient assessment, with adaptations for the medical versus the trauma patient. Topics include therapeutic communications; history taking; techniques of physical exam; patient assessment; clinical decision-making; EMS communications; and documentation. Approved for 3.0 FE EMS credit.

*All fire, EMS and rescue service personnel.*

**ETFR-5029** / 1 session / \$27

> **16345** / Sun 8:30-11:30am / Sep 25

Jeff Larson, PS, Story County EMS

Tracy Tope, Nevada FD

### PIO for Line Firefighters and Officers

Learn the basics needed to survive the media at an emergency incident: answering tough questions; preparing for the on camera interview and avoiding the sweaty, pale, dry mouth syndrome; writing a press release; working with the media in non-emergency situations; and making your department look good at all times.

*All fire and rescue service personnel.*

**ETFR-5016** / 1 session / \$27

> **16348** / Sat 1-4pm / Sep 24

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 ability to capture, in an instant, the size of a fire and the potential for a rapid, hostile fire event like flash-over or smoke explosion. Often smoke issuing from a structure is the only clue available to predict fire behavior. This session gives first due fire officers and firefighters a process to read smoke and predict hostile fire events.

*All fire and rescue service personnel.*

**ETFR-5023** / 1 session / \$27

> **16535** / Sat 9am-12pm / Sep 24

Bob Downs, Ret. Fire Chief, Vinton FD

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

**NEW** Almost every department protects a building with a sprinkler system. This class discusses the types of systems that are out there. Discover how effective sprinklers are and how to fight a fire in a building with a sprinkler system.

*All fire and rescue service personnel.*

**ETFR-5031** / 1 session / \$27

> **16354** / Sat 9am-12pm / Sep 24

Shawn Fluharty, Marion FD



### Retaining and Recruiting Volunteers: Practical Ideas for Fire, EMS and Emergency Services Departments

**NEW** Iowa's fire and emergency response departments face some big challenges staffing their departments. This course contains a number of practical ideas that may fit your community, based on the premise that the most effective way to get volunteers (recruitment) is to keep (retention) the ones you already have. Your current volunteers are your best recruiters. Most of the concepts in this course are focused on retaining your current volunteers, with some tips on recruiting new volunteers. Each idea presented is simple, straightforward and designed for even the smallest emergency response department.

*All fire, EMS and rescue service personnel.*

**ETFR-5032** / 1 session / \$20

> **16359** / Sat 1-4pm / Sep 24

Todd Moomaw, Fire Service Training Bureau Staff, Ames FD

> **16361** / Sun 8:30-11:30am / Sep 25

Todd Moomaw, Fire Service Training Bureau, Ames FD

## Small Town Disasters: Response and Recovery

**NEW** This course describes the emergency response to the devastating EF-5 tornado that crippled the community of Parkersburg, Iowa, on May 25, 2008. It includes discussion on wide-spread damage/response, responders who are also victims, infrastructure and equipment damage. It also reviews IMAC agreements and critical incident stress management among others.

*All fire, EMS and rescue service personnel.*

**ETFR-5033** / 1 session / \$27

> **16362** / Sun 8:30-11:30am / Sep 25

Mitch Nordmeyer, Butler County Emergency Management

> **16365** / Sun 12:30-3:30pm / Sep 25

Mitch Nordmeyer, Butler County Emergency Management



## To Hell and Back: Firefighter Burn Prevention

**NEW** This training program focuses on burn prevention for firefighters. It utilizes graphic video segments that illustrate how devastating burns can be to the human body. The impact of suffering burn injuries is carried forward through interviews with firefighters, incident commanders and chiefs, who were either severely burned or lost firefighters to severe burn injuries. Training topics include types of burn injuries firefighters sustain; how burns can be prevented; how burn severity can be diminished through proper PPE and SCBA usage; and following appropriate OSHA and NFPA standards.

*All fire and rescue service personnel.*

**ETFR-5034** / 1 session / \$27

> **16368** / Sat 1-4pm / Sep 24

Rich Rodewald, Council Bluffs FD

## Trauma Emergencies

**NEW** This course introduces the student to assessment and management of the trauma patient. It describes how to integrate pathophysiology principles and assessment findings to formulate a field impression and implement a treatment plan for a suspected trauma patient. This course covers epidemiology, detailed anatomy and physiology, physical assessment and management techniques relative to all types of trauma. Topics include trauma system and mechanism of injury; hemorrhage and shock; soft tissue trauma; burns; head and facial trauma; spinal trauma; thoracic trauma; abdominal trauma; and musculoskeletal trauma. Approved for 3.0 FE EMS credit.

*All fire, EMS and rescue service personnel.*

**ETFR-5030** / 1 session / \$27

> **16369** / Sat 9am-12pm / Set 24

Jeff Larson, PS, Story County EMS

Tracy Tope, Nevada FD



**Advanced Vehicle Extrication Techniques**

This advanced class builds upon the basic extrication techniques and skills in the areas of stabilization, patient access and removal, and advanced hydraulic operations. Students participate in advanced scenario-type operations utilizing various hand-, pneumatic- and hydraulic-powered 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 fire and rescue service personnel.*

**ETFR-5252** / 1 session / \$50

> **16313** / Sun 8:30am-3:30pm / Sep 25

Bob Sandry/Staff, Sandry Fire Supply

**Agricultural Grain Bin Rescue**

This class is designed to give students knowledge of grain bin design, structure, and inherent dangers involved in working with and around these structures and equipment related to grain handling and movement. The emphasis is on safe rescue techniques for personnel when faced with grain bin entrapments. Students will be simulating engulfment and will be pulling people out of grain, just like in a rescue situation. The content meets NFPA 1006 and NFPA 1670 requirements. *Full NFPA compliant protective clothing will be required for all students involved in the hands-on portion of this class.* Approved for 6.0 OE EMS credit.

*All fire, EMS and rescue service personnel.*

**ETFR-5202** / 1 session / \$35

> **16314** / Sat 9am-4pm / Sep 24

Staff, Professional Rescue Innovations

Staff, Fire Service Training Bureau

> **16318** / Sun 8:30am-3:30pm / Sep 25

Staff, Professional Rescue Innovations

Staff, Fire Service Training Bureau

**Basic Vehicle Extrication**

Auto accidents are the leading cause of accidental injury and death, and are some of the most common rescues that we respond to. The vehicle can entrap injured victims, requiring efficient and effective extrication operations to free them. Improper extrication methods can cause unwanted movement and additional injury to these patients. This course shows the techniques needed to safely size-up and mitigate an emergency involving an automobile type vehicle. Learn the proper procedures for vehicle stabilization, patient disentanglement and removal. This course provides students 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 fire, EMS and rescue service personnel.*

**ETFR-5205** / 1 session / \$50

> **16324** / Sat 9am-4pm / Sep 24

Bob Sandry/Staff, Sandry Fire Supply



### Basic Water Rescue–Awareness Level

**NEW** This course is designed for agencies that have recognized the need to start a formalized water rescue team, with approximately three hours of classroom instruction followed by three hours of hands-on skills training. Any agency that may work around lakes, ponds or other non-flowing water will benefit from the course. Professional Rescue Innovations believes that anyone who works around water should be familiar with the potential hazards so that knowledgeable decisions can be made when needed. *A personal flotation device (PFD) is required. In addition, if you have any of the following equipment, please bring: a water rescue helmet, water boots and ice or dry suits.* Approved for 6.0 OE EMS credit.

*All fire, EMS and rescue service personnel.*

**ETFR-5242** / 1 session / \$35

> **16325** / Sat 9am-4pm / Sep 24

Staff, Professional Rescue Innovations  
Staff, Fire Service Training Bureau

### Basics of SCBA, Search and Rescue

Putting the SCBA into operation quickly and correctly is a core skill for every firefighter. Each step in the donning sequence must be completed and all related safety checks and procedures must be followed. This course performs search and rescue as part of a team to locate and remove victims trapped by heat or smoke in simulated fire conditions. It focuses on how to remain oriented to your location in a building, your air supply operational time and crew accountability at all times. *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-5239** / 1 session / \$45

> **16319** / Sat 9am-4pm / Sep 24

Al Esch/Dan Klaren/Staff, Dubuque County  
Firefighter's Association

> **16323** / Sun 8:30am-3:30pm / Sep 25

Al Esch/Dan Klaren/Staff, Dubuque County  
Firefighter's Association

### Building Construction: What's New?

**NEW** Building techniques are changing with the “building green” energy efficient movement and other new technologies of today. Residential housing and commercial buildings are being built better, faster and stronger than ever before. But how does this change the response to a structure fire or building collapse? What about new composite materials like “ICF,” “SIP” and “TJI?” Does this affect the weight bearing capacity of beams, walls, floors and the roof? Should this type of construction dramatically change your response? This course provides students a chance to see these materials first hand, discuss their differences and how they might change your tactics based on the incident.

*All fire and rescue service personnel.*

**ETFR-5248** / 1 session / \$40

> **16327** / Sat 9am-4pm / Sep 24

Dennis Correll, Medford, Minnesota

### Combine Extrication

This hands-on class takes an in-depth look at agricultural trauma, including injuries and combine entrapment. The hands-on portion of the program will deal with trauma patient care, cribbing and extrication tools, and provides students the opportunity to perform several evolutions in patient extrication. *Full NFPA compliant protective clothing will be required for all students involved in the hands-on portion of this class.* Approved for 6.0 FE EMS credit.

*All fire, EMS and rescue service personnel.*

**ETFR-5209** / 1 session / \$35

> **16328** / Sun 8:30am-3:30pm / Sep 25

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

### Confined Space Rescue

This course gives employees and responders hands-on experience in confined space procedures. The content adheres to OSHA Standard CFR 1910.146, NFPA 1006 and NFPA 1670. The purpose of this course is to explain basic strategies to safeguard employees' health and safety when dealing with potential dangers associated with confined spaces. Students gain basic knowledge in proper entry program procedures, facility pre-planning, tying knots, new equipment and proper patient packaging. According to OSHA, confined spaces result in more than 60 deaths and 12,000 injuries each year. NIOSH found 25 percent of confined space victims were would-be rescuers. *Helmets, leather gloves, safety glasses and footwear that provide 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 fire, EMS and rescue service personnel.*

**ETFR-5210** / 1 session / \$35

> **16330** / Sun 8:30am-3:30pm / Sep 25

Staff, Professional Rescue Innovations

Staff, Fire Service Training Bureau

### Driver Operator Training for Firefighters

**NEW** Students learn basic safety requirements, minor preventive maintenance, vehicle check procedures and basic vehicle operation. Students also participate in various driving scenarios to demonstrate competency in vehicle operation. A valid driver's license is required. Kirkwood will have a fire truck to drive but would also like students to volunteer to bring one from their department if possible.

*All fire and rescue service personnel.*

**ETFR-5215** / 1 session / \$40

> **16332** / Sun 8:30am-3:30pm / Sep 25

Marv Trimble, Cedar Rapids FD

### Firefighter Survival: Airway Management

A question that every firefighter should be able to answer without hesitation is, “How long can I work while wearing an SCBA?” The fire ground is not the place to figure out the answer! In this class, firefighters learn and demonstrate controlled breathing techniques as well as determine their “personal point of no return,” and other critical air management benchmarks. *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-5203** / 1 session / \$40

> **16333** / Sat 9am-4pm / Sep 24

Terry McAtee, Cedar Rapids FD

Rick Childs, Iowa City FD



### Foam and Foam Usage

Today's firefighter is faced with an increasing number of flammable liquid and hazardous vapor risks. This course outlines the characteristics and types of foam as well as application hardware and proper application techniques. The hands-on portion of this course uses what is learned in the classroom in putting out a Class A fire. *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-5249** / 1 session / \$45

> **16337** / Sat 9am-4pm / Sep 24

Jay Frederickson, ChemGuard, Minnesota Region

### Live Burn Simulator Class A Fire

This class includes classroom and hands-on time in the Advanced Mobile Live Burn Simulator. It simulates smoke, heat, fire and rollover in a controlled environment. There is hands-on training with hose handling in hallways and stairs, extinguishing fires, performing fire attack, ventilation and overhaul. It is all the advantages of live fire training with safety and convenience. The classroom portion will cover how fires have changed, modern day fuel loads, construction and some of the techniques to battle 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-5201** / 1 session / \$35

> **16338** / Sat 9am-4pm / Sep 24

Customized Firefighter Training, Graettinger, Iowa Staff, Fire Service Training Bureau

> **16343** / Sun 8:30am-3:30pm / Sep 25

Customized Firefighter Training, Graettinger, Iowa Staff, Fire Service Training Bureau



### Live Flashover Simulator

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

*All fire and rescue service personnel.*

**ETFR-5230 / 1 session / \$60**

**> 16347 / Sat 9am-4pm / Sep 24**

Customized Firefighter Training, Graettinger, Iowa

**> 16350 / Sun 8:30am-3:30pm / Sep 25**

Customized Firefighter Training, Graettinger, Iowa

### Meth Lab Awareness Plus Booby Traps and Other Surprises

The first part of this class is the new updated program that shows the dangers of a meth lab. Responding to a fire, explosion or medical emergency may not be what it seems if a meth lab is found. The first one on the scene can be exposed to the dangerous chemicals, environment and other devices. Meth labs are very dangerous and affect everyone. But did you protect yourself? What you do could put your life and those around you at risk. Knowing what not to do could be the secret to surviving. This class looks at meth labs and what they include, what chemicals are used, the health effects and what to look for. The second part of the class looks at some different types of devices that can injure or kill first responders. These devices are designed to protect their chemicals, drugs and money in an attempt to control the local drug market. But when responding, these items can become a threat to the safety of the first responders. This program provides information in an attempt to make everyone safer and give a heads up, should anyone ever encounter one of these labs.

*All fire and rescue service personnel.*

**ETFR-5247 / 1 session / \$40**

**> 16351 / Sun 8:30-3:30pm / Sep 25**

Dennis Correll, Medford, Minnesota

### Positive Pressure Attack (PPA)

**NEW** Lightweight building construction methods and the use of manmade materials in construction and furnishings have become more common. The time until structural failure can be expected in a fire has been reduced, and firefighters have seen hotter fires that generate high levels of deadly gasses. Studies have concluded that fires grow more rapidly but the ventilation methods used by firefighters have not kept pace. This course covers the proper use of PPA to allow firefighters greater control over the interior environment of a fire building, starting at the earliest stages of the operation when ventilation can provide the greatest benefit for victims, firefighters and the structures.

*All fire and rescue service personnel.*

**ETFR-5232** / 1 session / \$40

> **16352** / Sat 9am-4pm / Sep 24

Reinhard Kauffman, Salt Lake City (Utah) FD

Kriss Garcia, Salt Lake City (Utah) FD

> **16355** / Sun 8:30am-3:30pm / Sep 25

Reinhard Kauffman, Salt Lake City (Utah) FD

Kriss Garcia, Salt Lake City (Utah) FD

### Propane Emergencies Hands-on

**NEW** This class is designed for all firefighters who may be called upon when propane is inadvertently released from its container. It begins with a classroom session on the physical properties of liquefied petroleum gases, more specifically propane, and ends with hands-on evolutions demonstrating the proper offensive and defensive techniques for a leaking propane device. 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 this class.*

*All fire and rescue service personnel.*

**ETFR-5250** / 1 session / \$35

> **16357** / Sun 8:30am-3:30pm / Sep 25

Staff, Fire Service Training Bureau

### Pumping 101

**NEW** This class is for training officers and other chief officers whose job it is to teach and refresh department members on pump training. It discusses how to develop a pump training program and the importance of this skill being practiced each year by veteran firefighters and new members. Take away ideas of how to make the skill fun and make members realize that it all starts at the pump.

*All fire and rescue service personnel.*

**ETFR-5204** / 1 session / \$40

> **16358** / Sat 9am-4pm / Sep 24

Scott Hagenson, Lake Mills FD

### Tractor Rollover

The tractor rollover extrication training gives students 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 2.3 million tractors in the U.S. without ROPS. The hands-on portion of the program deals with trauma patient care, cribbing and extrication tools, with 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 fire, EMS and rescue service personnel.*

**ETFR-5244** / 1 session / \$35

> **16360** / Sat 9am-4pm / Sep 24

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

## Current Issues for Today's Training Officers

**NEW** This course unravels several issues facing today's training officers. It's interactive, so come prepared to discuss issues such as lack of interest in training, mandated training, sharpening of acquired skills, keeping the training officers motivated, NPFA 1403 and other related issues.

*All fire and rescue service personnel.*

**ETFR-5253** / 1 session / \$40

> **16363** / Sun 8:30am-3:30pm / Sep 25

Doug Kolkman, Iowa Society of Fire Service Instructors

## Vehicle Fires: The Ins and Outs

**NEW** Learn the knowledge and skill to safely operate a vehicle fire. Topics include incident command, 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 / \$50

> **16366** / Sat 9am-4pm / Sep 24

Randy Thompson, Grundy Center FD

Nathan Kappel, Ackley FD

> **16312** / Sun 8:30am-3:30pm / Sep 25

Randy Thompson, Grundy Center FD

Nathan Kappel, Ackley FD





### Basic Firefighting

This course covers the necessary skills for basic firefighting operations. It combines 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 / \$85

> **16344** / Sat 9am-4pm,

Sun 8:30am-3:30pm / Sep 24-25

John Zlabek, Hiawatha FD, Walker FD

Roger Berry, Indianola FD

Shawn Fluharty, Marion FD

### Big Rig Rescue

**NEW** This course focuses on rescue from large over-the-road trucks when they become 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. It provides students with hands-on experience with techniques to use when these trucks are involved in an accident. The content meets 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 / \$85

> **16346** / Sat 9am-4pm,

Sun 8:30am-3:30pm / Sep 24-25

Staff, Professional Rescue Innovations

Staff, Fire Service Training Bureau

## Fire Ground Support and Critical Search Operations

**NEW** Life safety should be the top fire service priority at every emergency. Firefighters have to be ready to perform a thorough search for victims and, if necessary, remove or protect them from harm under extreme conditions. They have to be prepared to save themselves or their colleagues, should they become trapped, disoriented or disabled. Is your department ready? Are you ready? This hands-on class focuses on strategies for searching for, finding, protecting and removing emergency victims, while maximizing the firefighters' own safety. Mini-lectures, before numerous hands-on exercises, are intended to be fun, but challenging and informative. They focus on four search dimensions: search size-up and strategy; accessing victims; victim management; and escape. *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-5513** / 2 sessions / \$85

> **16356** / Sat 9am-4pm,

Sun 8:30am-3:30pm / Sep 24-25

Fred Malven, Dean Tope/Staff, Nevada FD

## Fire Investigation Hands-on Training

**NEW** The course provides firefighters with the basic skills required in an initial fire scene investigation. Participants 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. *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-5501** / 2 sessions / \$85

> **16364** / Sat 9am-4pm,

Sun 8:30am-3:30pm / Sep 24-25

Staff, State Fire Marshall's Office

## Ropes That Rescue

This course provides those personnel who are, or will be, operating as a member of a rescue team, with the basic knowledge and skills needed to perform rescues using rope systems. Topics covered include knots, rigging, belaying, raising and lowering systems, mechanical advantage, patient packaging and rescue procedures. *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 are required. Student should bring a harness if possible. Approved for 12.0 OE EMS credit. All fire, EMS and rescue service personnel.*

**ETFR-5508** / 2 sessions / \$85

> **16349** / Sat 9am-4pm,

Sun 8:30am-3:30pm / Sep 24-25

Jim Whitaker, Burlington FD

Ray Wilson, Mediapolis FD

### Urban Search and Rescue: Heavy Lifting, Moving and Cribbing

Your fire department was just dispatched to a concrete storm culvert that fell off of a semi and landed on top of a vehicle trapping occupants inside. Does your fire department have resources and knowledge to deal with situations like the one just described? If you can't answer this question, you're not alone. Many fire departments don't have the knowledge of lifting and moving heavy objects. This class demonstrates how to lift and move objects weighing in the thousands of pounds, proper cribbing techniques, and how to effectively use tools as levers for holding and moving. Participants work with air bags, cribbing, pry bars, mechanical advantage system (MA), rollers, shims and concrete, and use the Urban Search and Rescue techniques of heavy lifting and moving, heavy cribbing and leveraging principles. *Steel-toed boots, gloves, safety glasses and a helmet are required.*

*All fire and rescue service personnel.*

**ETFR-5510** / 2 sessions / \$85

> **16367** / Sat 9am-4pm,

Sun 8:30am-3:30pm / Sep 24-25

Rick Halleran/Staff, IA-TF1 Urban Search and Rescue, Cedar Rapids division



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## 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.

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## BILLING AND REFUND POLICY

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. Registrations canceled in writing before 5 p.m. on September 22, 2011, will receive a full refund. Cancellations made after September 22, 2011, will not be eligible for refunds.

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## VOLUNTEER FIRE FIGHTER TRAINING FUND CREDIT

The Volunteer Fire Fighter Training Fund will cover students from Iowa volunteer and combination fire departments for the cost portion of the following classes:

- Agricultural Grain Bin Rescue Training
- Basic Water Rescue: Awareness Level
- Combine Extrication
- Confined Space Entry
- Live Burn Simulator Class A Fire
- Propane Emergencies
- Tractor Rollover

This payment is only a reduction in the cost of the classes. You are still responsible for the cost listed for each class, which includes your lunch and material fee(s).

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## FIRE SCHOOL COMMITTEE

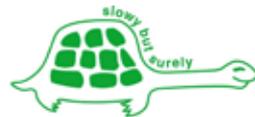
Scott Donohoe	Bob Downs
Mark English	Kim Fensterman
Mike Fredericks	Shawn Fluharty
Richard Harman	Mark Huenefeld
Dave Hughes	Marty Hoy
Ron Miller	Mike Nessler
Chuck Niehaus	Dan Paidar
Dave Stannard	John Zlabek

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## 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

Additional support for the CITA-Kirkwood Fire School provided by:



**TURTLE PLASTICS**

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## 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” is 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 with spare cylinder (Note: Cylinders under current hydro-static 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.

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## CONFIRMATION

All participants that are registered prior to September 9, 2011, will receive a confirmation packet. Those that register after September 9 will need to pick up their confirmation at check-in. The confirmation packet will include a confirmation letter, campus map, nametag and lunch ticket.

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## EXHIBITOR TIMES

Manufacturers and dealers will be on hand this year 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.

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## DISCLAIMER

The 25th 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.

Kirkwood Community College is an equal access/equal opportunity institution in compliance with state and federal laws and does not discriminate on the basis of sex, race, color, creed, religion, national origin, age, disability, sexual orientation or marital status.

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## 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.

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## 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, and the Maltese cross on your jacket or tee 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.

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## 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.

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## 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.

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## HOTELS

There are several motels available close to the Kirkwood campus. Please mention that you are attending a Kirkwood Community College sponsored event. Some suggested hotels the immediate area:

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### The Hotel at Kirkwood Center

7725 Kirkwood Blvd. SW      319-848-8700

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### AmericInn

8910 6th Street SW      319-632-1800

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### Clarion Inn

525 33rd Avenue SW      319-366-8671

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### Comfort Inn

390 33rd Avenue SW      319-363-7934

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### Country Inn & Suites

9100 Atlantic Dr. SW      319-363-3789

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### Hampton Inn

3265 6th Street SW      319-364-8144

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### Holiday Inn Express

3320 Southgate Ct. SW      319-399-5025

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### Howard Johnson

616 33rd Avenue SW      319-366-2475

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### Red Roof Inn

3243 South Ridge Dr. SW      319-364-2000

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### Super 8

720 33rd Avenue SW      319-362-6002

## IOWA CERTIFICATION REGIONAL EXAM

The Fire Service Training Bureau will offer the Firefighter 1, 2, Hazardous Materials Operations and Fire Service 1 exams at the Kirkwood Community Training and Response Center, Room 122 on Saturday, September 24, at 5 p.m. Attendance is by pre-registration only. No walk-ins will be allowed.

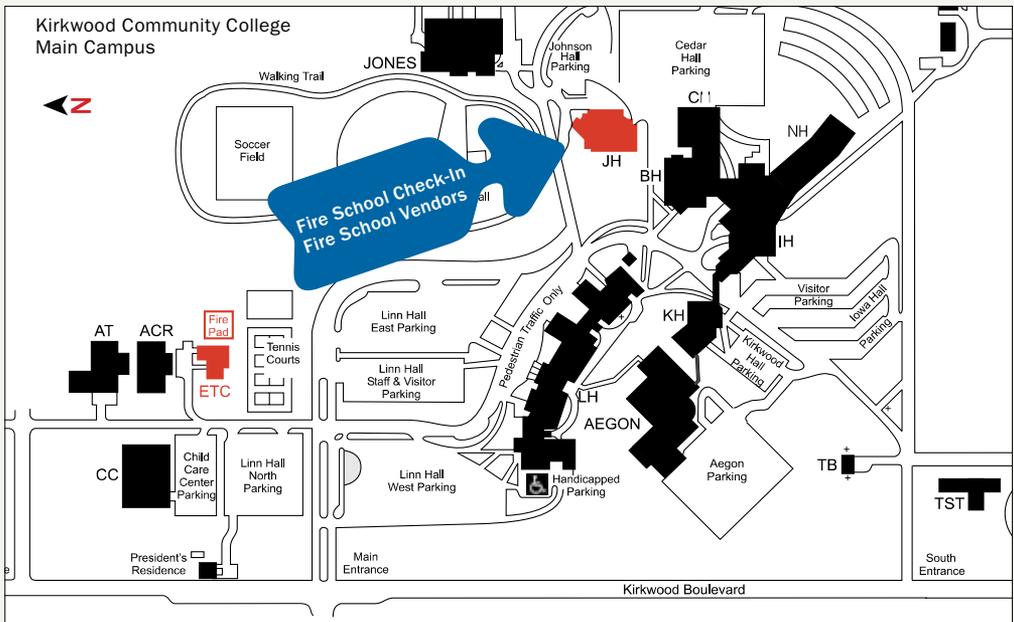
Those testing need to submit an application form and certification fee or billing information to the Certification Unit at the Fire Service Training Bureau. To receive an application packet, please contact the Fire Service Training Bureau at 1-888-469-2374. Firefighter 1 and 2 exams are based on the 2008 edition of the NFPA 1001 standard and the Essentials 5th Edition. Bring full 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. The application deadline is September 9, 2011.

## CITA MEMBERSHIP

We invite your department to join the Central Iowa Training Association. Membership includes access to CITA's film library of more than 1200 films for the fire service. For information, call Kim Fensterman, secretary, at 319-398-5678.

## LOCATION

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





Life, Work, Family, Success

7725 Kirkwood Blvd SW  
Cedar Rapids, IA 52404

**SPONSORSHIP BILLING AUTHORIZATION FORM**

**25<sup>TH</sup> CITA-KIRKWOOD FIRE SCHOOL 2011**

**Please complete and fax to: 319-398-7185**

To: 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).

Student name: \_\_\_\_\_

Student address: \_\_\_\_\_

Street \_\_\_\_\_

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

Phone: \_\_\_\_\_

Student email address: \_\_\_\_\_

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

**PLEASE PRINT LEGIBLY:**

Course #	Class Title	Class 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 #: \_\_\_\_\_

**Fire School Billing and Refund Policy:** Registrations canceled in writing before 5 p.m. on September 22, 2011 will receive a full refund. Cancellations made after that time will not be eligible for refunds.

Authorized 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.**

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

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

SEPTEMBER 24 & 25, 2011



**Kirkwood**  
Continuing Education & Training Services

**Continuing Education**

*Life, Work, Family, Success*

6301 Kirkwood Blvd. SW

PO Box 2068

Cedar Rapids, Iowa 52406

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