

# 30<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, 2016





## 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.

### 2016 FIRE SCHOOL SCHEDULE

#### Saturday, September 24, 2016

7:30-8:45 a.m.

Participant check-in and vendors open (Johnson Hall)

9 a.m.-12 p.m.

Classes in session and vendors open (Johnson Hall)

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

Lunch (staggered schedule) and vendors open (Johnson Hall)

12-1 p.m.

Check-in for afternoon learning seminars and vendors open (Johnson Hall)

1-4 p.m.

Classes in session

1-5 p.m.

Vendors open (Johnson Hall)

#### Sunday, September 25, 2016

7:30-8:30 a.m.

Check-in and vendors open (Johnson Hall)

8:30-11:30 a.m.

Classes in session

7:30 a.m.-1:30 p.m.

Vendors open (Johnson Hall)

11 a.m.-1 p.m.

Lunch (staggered schedule) and vendors open (Johnson Hall)

12-3:30 p.m.

Classes in session

### CONTENTS

Learning Seminars	1
One-day Classes	5
Two-day Classes	12
Pertinent Fire School Information	14
Registration/Location/Campus Map	16
Sponsorship Billing Authorization Form	17

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## LEARNING SEMINARS

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### Commercial Kitchen Hazard Awareness

**NEW** Commercial kitchens present unusual hazards that firefighters must be aware of. Code requirements addressing these hazards are often not followed. In this class, students will learn what unique hazards are inherent to commercial cooking operations, what these hazards mean to firefighters, and how to protect themselves when fighting fire in commercial kitchens. The requirements of UL300, NFPA 10 and NFPA 17A will be covered, helping those in code enforcement understand these requirements.

*All fire and rescue service personnel.*

**ETFR-5069** / 1 session / \$30

>**82242** Sat 9am-12pm Sep 24

Lenny Sanders, Fort Dodge Fire and Rescue

>**82259** Sun 8:30-11:30am Sep 25

Lenny Sanders, Fort Dodge Fire and Rescue

### Drones in the Fire Service

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

*All fire and rescue service personnel.*

**ETFR-5060** / 1 session / \$30

>**82244** Sat 1-4pm Sep 24

Professional Rescue Innovations Staff

>**82255** Sun 12:30-3:30pm Sep 25

Professional Rescue Innovations Staff

**“Very informative. Instructor knew the material well, had a lot of very good points and topics. Will take a lot home with me.”**

## Human Trafficking

**NEW** Young children are being transported across this state every day. Firefighters, EMS personnel, and police officers are having contact with these children, yet are missing key signs. These children are being taken and forced into a life of sex and slavery, never returning home. This workshop will introduce the concepts of human trafficking of young, underage children. Discussions will include: what to look for and what to do. Approved for 3.0 FE EMS Credit.

*All fire, EMS and rescue service personnel.*

**EETFR-5063** / 1 session / \$30

>**82257** Sat 9am-12pm Sep 24

Doug Cutts, Senior Trooper, Safety Education Officer, Iowa State Patrol

>**82250** Sat 1-4pm Sep 24

Doug Cutts, Senior Trooper, Safety Education Officer, Iowa State Patrol

## Integration, Are YOU Ready?

**NEW** We can no longer sit back and wait till the “scene is safe” during an active threat (shooter) incident. Fire/EMS must integrate with law enforcement to increase survivability of victims. We will discuss lessons learned from the past, current ongoing research, the importance of establishing ICS, developing zones for safe operations, and best practices for integrating with law enforcement to establish a rescue task force and/or a casualty collection point and treatment of patients in high threat areas. We will also discuss the current standards for patient care based on the threat level, all in attempt to improve victim survivability through quicker access, treatment and transport. Approved for 3.0 OE EMS Credit.

*All fire and rescue service personnel.*

**ETFR-5061** / 1 session / \$30

>**82245** Sat 1-4pm Sep 24

Cory Macumber, Lieutenant, Urbandale Fire Department

>**82260** Sun 12:30-3:30pm Sep 25

Cory Macumber, Lieutenant, Urbandale Fire Department

**“Great class. Made the subject matter relatable to all departments and experience levels.”**

## NFPA 1584: Firefighter Rehabilitation at the Emergency Scene

This course is designed to help Fire and EMS departments understand the importance of rehabilitation at the fire scene, including identifying critical issues from firefighter injuries and deaths due to stress-related problems and lack of rehab procedures. It emphasizes the importance of training to prepare for implementing a rehab sector. In addition, it highlights the reasons for implementing rehab as directed in NFPA 1584. Approved for 3.0 FE EMS Credit.

*All fire, EMS and rescue service personnel.*

**ETFR-5041** / 1 session / \$30

>**82235** Sat 9am-12pm Sep 24

Tracy Tope, EMT-B, Nevada Fire Department

## Principles of Modern Fire Attack (SLICE-rs)

**NEW** This course will look closely at the UL/NIST Fire Behavior studies. The class will provide data-driven tactics to create a safer environment for the fire service as well as the people we protect. Students will leave well-equipped to re-evaluate the long-standing procedures of the fire service.

*All fire and rescue service personnel.*

**ETFR-5062** / 1 session / \$30

>**82248** Sat 1-4pm Sep 24

Lenny Sanders, Fort Dodge Fire and Rescue

>**82256** Sun 12:30-3:30pm Sep 25

Lenny Sanders, Fort Dodge Fire and Rescue

## Reading Smoke

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

*All fire and rescue service personnel.*

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

>**82232** Sat 9am-12pm Sep 24

Professional Rescue Innovations Staff

>**82252** Sun 8:30-11:30am Sep 25

Professional Rescue Innovations Staff



### Response to Active Shooters/Mass Casualty Incidents

**NEW** Throughout history the fire service has developed into an “all-hazards” response service. In continuing with this trend we need to be prepared to respond to an active shooter or mass casualty incident. This class is an in-depth look at the history of active shooters/MCIs throughout the United States and the ever-changing emergency response provided by fire, police and EMS. Our goal in the fire service is to save lives and we must prepare ourselves to respond in a coordinated, efficient manner to increase the survivability of victims. Students will learn how the fire service should respond in coordination with law enforcement to limit the risk to our firefighters, while maximizing our ability to save lives. We will discuss the implementation of policy, equipment, training, tactical casualty care and the overall thought process of firefighters who might respond to such an incident. Whether you are a chief, company officer or firefighter, this course will provide you with insight into the current best practices for active shooter response. Approved for 3.0 OE EMS Credit.

*All fire, EMS and rescue service personnel.*

**ETFR-5058** / 1 session / \$30

>**82254** Sat 1-4pm Sep 24

Tina Humston and Tom Hartshorn, Iowa City Fire Department

>**82240** Sun 12:30-3:30pm Sep 25

Tina Humston and Tom Hartshorn, Iowa City Fire Department

### Running a Risk: Emergency Vehicle Operation

**NEW** Every time an emergency response vehicle rolls out the door, there is a chance that something bad may happen...typically a collision. Indeed, collisions involving emergency vehicles have resulted in costly insurance claims. These occurrences may also lead to hefty demands or even dreaded lawsuits against departments and their responders. This workshop will help fill in the gap in emergency vehicle training by providing an overview of Iowa law, specifically targeting statutes and cases involving emergency vehicle collisions. It should also give responders recommendations on how to manage risks associated with emergency vehicle operations from the perspective of a practicing attorney and former fire captain and EMT. Don't miss out on this chance to gain valuable legal information and the instructor's insights on emergency vehicle operations in Iowa. Approved for 3.0 OE EMS Credit.

*All fire, EMS and rescue service personnel.*

**ETFR-5057** / 1 session / \$30

>**82239** Sat 1-4pm Sep 24

Skylar Limkemann, Attorney, Scheldrup Blades Schrock Smith PC

### Situational Awareness and the Firefighter

This course will discuss being aware of one's surroundings at a fire scene. Students will explore situational and mental awareness in connection with risk management and how it relates to firefighter safety. The course will include a review on firefighter safety techniques as well as video footage highlighting potential areas for improvement.

*All fire and rescue service personnel.*

**ETFR-5051** / 1 session / \$30

>**82234** Sun 8:30-11:30am Sep 25

Ron French, Marion and Anamosa Fire departments



## Sizing-Up Fire and EMS Law: Spotting Issues and Delivering Solutions for Today's Leader

**NEW** Size-up the process of evaluating the problems and conditions that may influence the result of an emergency call such as a fire. One of size-up's basic principles is that it begins at the time the emergency alarm is received. It is a continuing evaluation that emergency responders at all levels should master. While a lot of focus has been given to size-up in the limited context of emergency calls, or mitigating the emergency in front of you, this session should help expand your size-up capabilities to some potential legal issues that may arise. This session will provide an overview of Iowa law as it relates to fire and EMS, including statutory duties and powers of municipalities and their leadership. In addition, a portion of the session should address the law surrounding a department's services such as fire protection and EMS, as well as best practices for policies and guidelines. Utilizing examples of cases, emergency incidents, and video/audio recordings, this session should also provide a brief summary of defenses to claims involving emergency response services. It should address non-profit groups connected to fire and EMS, and some of the prevalent issues with these groups. Come ready to expand your size-up knowledge and your toolbox with some best practices and potential solutions to issues facing today's emergency services leader. Approved for 3.0 OE EMS Credit.

*All fire, EMS and rescue service personnel.*

**ETFR-5057 / 1 session / \$30**

>**82253** Sat 9am-12pm Sep 24

Skylar Limkemann, Attorney, Scheldrup Blades Schrock Smith  
PC

## Taking Care of Our Own

**NEW** Through this panel discussion we'll talk about how to develop leaders from within, taking care of our own, and ways to keep those highly trained folks we need to provide valuable services to our communities. We'll discuss ideas of how to develop the skills of current members to become leaders. The discussion around taking care of our own will include ways to deal with stress from critical incidents, how to build teamwork and a family environment, ways to deal with generational gaps, and discuss ways to retain members.

*All fire and rescue service personnel.*

**ETFR-5065 / 1 session / \$30**

>**82251** Sat 1-4pm Sep 24

Marty Smith, 132nd Wing, Iowa Air National Guard Fire  
Department

>**82258** Sun 8:30-11:30am Sep 25

Marty Smith, 132nd Wing, Iowa Air National Guard Fire  
Department

## ONE-DAY CLASSES

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### 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 students 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 fire, EMS and rescue service personnel.*

ETFR-5252 / 1 session / \$60

>82328 Sun 8:30am-3:30pm Sep 25

Bob Sandry, Sandry Fire Supply & Staff, DeWitt, Iowa

### Basic Vehicle Extrication

Auto accidents are the leading cause of accidental injury and death, and are some of the most commonly 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 provide 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 / \$60

>82333 Sat 9am-4pm Sep 24

Bob Sandry, Sandry Fire Supply & Staff, DeWitt, Iowa

**“Courses were very good. I enjoyed and learned a lot from all the instructors.”**

### Burn Your Home Without Getting in Trouble

**NEW** Computer simulation is the newest trend in fire department training. Simulations are being used to train personnel in on-scene reports, size-up strategy and tactics, and even preplanning. They are used for all types of scenarios: fire suppression, hazardous materials, airport emergencies, rescue and EMS. You will learn how to use a simple and easy computer program to create a simulation. The focus of the class is on the software used to build simulations. At the end of the class you will bring home several simulations. You must have administrative privileges to download a software program onto this computer. You must have working knowledge of your computer. You will also need pictures of the four sides (or all sides) of your home and a picture of an interior room taken just inside the front door. If you have an attached garage, pictures of the interior with the garage door open and closed. **Students must bring a laptop with a USB port.**

*All fire and rescue service personnel.*

ETFR-5274 / 1 session / \$50

>82263 Sat 9am-4pm Sep 24

James Whitaker, Captain (retired), Burlington Fire Department and Ray Wilson, Lieutenant, IAAAP Fire Department

>82265 Sun 8:30am-3:30pm Sep 25

James Whitaker, Captain (retired), Burlington Fire Department and Ray Wilson, Lieutenant, IAAAP Fire Department

### Combine Extrication

This hands-on class will take an in-depth look at agricultural trauma including injuries due to combine entrapment. The hands-on portion of the program will deal with trauma patient care, cribbing and extrication tools. Students 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 fire, EMS and rescue service personnel.*

ETFR-5209 / 1 session / \$45

>82288 Sun 8:30am-3:30pm Sep 25

Dan Neenan, NECAS (National Education Center for Agricultural Safety) and FSTB Field Instructors



### Confined Space Rescue

This course is designed to provide basic strategies for confined space rescue responses. The focus is on the hazardous atmospheres most often confronted in a confined space. Students will practice rescue techniques in a state-of-the-art training simulator for both horizontal and vertical rescues. Students will understand facility pre-planning, working with the Incident Command System and establishing procedures for conducting rescues. The content of this course meets the NFPA 1006 and NFPA-1670 requirements. **A helmet, 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 fire, EMS and rescue service personnel.*

**ETFR-5210** / 1 session / \$45

>**82283** Sun 8:30am-3:30pm Sep 25

PRI Staff Instructors and FSTB Field Instructors

### EMS Safety: Taking Safety to the Streets

**NEW** EMS Safety covers safety in emergency vehicles, at the operational scene and while handling patients, as well as patient, practitioner and bystander safety and personal health. The course offers an overview of current issues surrounding safety in EMS, presents and discusses case studies, builds risk assessment and decision-making skills and provides an opportunity for participants to relate their own experiences with EMS safety issues. Approved for EMS Credit through CECBEMS.

*All fire, EMS and rescue service personnel.*

**ETFR-5275** / 1 session / \$65

>**82266** Sun 8:30am-3:30pm Sep 25

Michael Kaduce, University of Iowa EMSLRC

### Firefighters Fitness and Nutrition: Strategies for Success

**NEW** In this course, firefighters will gain basic knowledge on how to adjust their nutrition to achieve better health. Students will be introduced to tools they can use to remain accountable. Exercises will be introduced that firefighters can use to improve physical fitness. The impact of remaining in good physical condition will be discussed. Firefighters will also be introduced to new CPR techniques that can be used on the fireground in the event of a medical emergency.

*All fire and rescue service personnel.*

**ETFR-5273** / 1 session / \$50

>**82261** Sun 8:30am-3:30pm Sep 25

Lance Routson, Lieutenant, Urbandale Fire Department, and FSTB Field Instructor

### Firefighting Tactics and Strategies

This course will cover some of the traditional aspects of tactics and strategies on the fireground, but an emphasis will be placed on recent research on the topics. Specific topics will include flow paths, ventilation techniques, make-up of the fuel load and staffing needs. We will use small groups to discuss what we have learned using a variety of scenarios. Come ready for an interactive discussion of this evolving topic.

*All fire and rescue service personnel.*

**ETFR-5229** / 1 session / \$50

>**82298** Sat 9am-4pm Sep 24

Shawn Fluharty, Marion Fire Department

### Grain Bin Rescue

This course uses the state-of-the-art grain engulfment simulator. Students will learn the four (4) main causes of grain engulfments as well as how to rescue a victim from a partial or full entrapment. Treating patients with crush and compartment syndrome, as well as airway obstructions is also included. **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-5202** / 1 session / \$45

>**82287** Sat 9am-4pm Sep 24

Dan Neenan, NECAS (National Education Center for Agricultural Safety) and FSTB Field Instructors

**“Course materials and content were good. Instructors did a great job on keeping the materials relative to our jobs!”**

### Industrial Machinery Rescue

Whether a random suicide jumper or construction worker impaled with a sharp object, a farmer or construction worker trapped in heavy machinery, a worker’s arm caught in a dough mixer, or a restaurant worker’s hand in a meat grinder – it’s a technical, specialized rescue – and it’s happening in every response area throughout the nation. Machinery with moving conveyors, gear-driven equipment, and other simple to complex scenarios all need specialized rescue techniques dealing with disassembly, cutting and lifting/spreading. NFPA 1670, tools and special equipment, crush injury/crush syndrome and rescue operations will be key discussions during this class. This class will include about three hours of classroom, with the remainder of the class practicing these specialized rescue techniques. **Full PPE required: Approved helmet, turnout gear or coveralls, safety glasses, gloves and boots.**

Approved for 6.0 OE EMS Credit.

All fire, EMS and rescue service personnel.

**ETFR-5265** / 1 session / \$45

>**82296** Sat 9am-4pm Sep 24

PRI Staff Instructors and FSTB Field Instructors

>**82340** Sun 8:30am-3:30pm Sep 25

PRI Staff Instructors and FSTB Field Instructors

### Interior Fire Attack

Students will gain information and practice the skills required to safely enter a burning structure. The basic principles of firefighter safety, fire behavior, thermal layering, ventilation, stages of fire, and fire streams will be reviewed in the classroom. Students will put their knowledge to use in the NEW FSTB’s two-story Mobile Fire Training unit. This training unit will simulate conditions encountered in actual interior structural fires. During the evolutions, students will be able to practice SCBA usage, hose handling skills, communications, and fire attacks simulating ground level, basement, and above-grade fires. Accountability and Incident Command principles will be used during the training evolutions. **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 / \$45

>**82286** Sat 9am-4pm Sep 24

Fire Service Training Bureau Field Instructors

>**82337** Sun 8:30am-3:30pm Sep 25

Fire Service Training Bureau Field Instructors

### Live Flashover Training Simulator

You will spend time in the classroom discussing vital lifesaving topics such as: modern fire dynamics from the latest NIST and UL studies, transitional attack, and S.L.I.C.E.-R.S. Instructors will utilize the most current research to assist in developing basic fire attack skills. Participants will then witness this training in action by entering the flashover trailer. This trailer lets the firefighter witness the awesome life cycle of an unfriendly fire from ignition to flashover. Learn to recognize the conditions leading to flashover—how it happens, how to recognize the rapidly developing fire, dense smoke, high heat and rollover, which are all present in the unit. Learn to use defensive techniques. Who would send a firefighter to face a situation in the real world that he has not seen in training? Students must be Firefighter 1 certified to take this course. **Full NFPA compliant protective clothing and SCBA will be required for all students involved in the hands-on portion of this course.**

All fire and rescue service personnel.

**ETFR-5230** / 1 session / \$75

>**82293** Sat 9am-4pm Sep 24

Customized Firefighter Training, Milford and FSTB Field Instructors

>**82339** Sun 8:30am-3:30pm Sep 25

Customized Firefighter Training, Milford and FSTB Field Instructors

### Live Propane Emergencies (Hands-on)

This class is designed for all firefighters who may be called upon when propane is inadvertently released from its container. The course starts with a classroom session on the physical properties of liquefied petroleum gases and more specifically, propane. This session is followed by hands-on evolutions demonstrating the proper offensive and defensive techniques for a propane device leaking product. 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 / \$45

>**82292** Sat 9am-4pm Sep 24

Fire Service Training Bureau Field Instructors

### Manure Pit Rescue

This program focuses on agricultural injuries and prolonged extrication during manure pit engulfment emergencies. Responders will learn how to treat someone overcome by manure pit gases while keeping themselves safe. **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 FE EMS Credit.

*All fire, EMS and rescue service personnel.*

**ETFR-5258** / 1 session / \$45

>**82291** Sun 8:30am-3:30pm Sep 25

Dan Neenan, NECAS (National Education Center for Agricultural Safety) and FSTB Field Instructors

### Rapid Intervention Teams

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 fireground 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 fire and rescue service personnel.*

**ETFR-5235** / 1 session / \$45

>**82284** Sat 9am-4pm Sep 24

Fire Service Training Bureau Field Instructors

### Responding to Grain Bin Fires

This course will familiarize firefighters on how to respond to fires in grain elevators, grain bins, silos and feed mills. It will focus on what to look for, how to approach and how to extinguish these fires. This class will also cover life safety when fighting these tricky fires and will look at new problems associated with the 1,000,000 bu.mag1 bins.

*All fire and rescue service personnel.*

**ETFR-5255** / 1 session / \$50

>**82297** Sat 9am-4pm Sep 24

Cliff McFarland, Retired, West Des Moines Fire Department

>**82341** Sun 8:30am-3:30pm Sep 25

Cliff McFarland, Retired, West Des Moines Fire Department

### Rural Pump and Attack Operations

In most urban fire departments, drafting is a lost art, but for communities that don't have pressurized water-distribution systems and hydrants, the use of tanker/tender shuttles and static water supplies by drafting is a mainstay of firefighting operations. The ability to move water from the source to the fire scene in a rural firefighting operation is vital to the successful outcome of the incident. This course will cover causes of tanker crashes, apparatus design factors, emergency scene and driving surface factors, tanker crash statistics and case history, and on-scene operations. The use of various nozzles/hoses will also be discussed. **Full NFPA compliant protective clothing will be required for all students involved in the hands-on portion of the class.**

*All fire and rescue service personnel.*

**ETFR-5238** / 1 session / \$60

>**82335** Sun 8:30am-3:30pm Sep 25

Kevin Wieser, Delaware Fire Department and Fire Service Training Bureau

### School Bus Extrication

The school bus rescue program will give students an in-depth look at the unique features and rescue considerations when dealing with a school bus incident. This course will identify the different types of busses and explain school bus construction and how it impacts the responder. This course will also help the participants lay the ground work for dealing with a large scale MCI. Equipment and resource needs will also be identified. The hands-on portion of this class will address stabilization, several techniques for gaining access into the bus and special considerations for victim removal. The personal impact on responders will also be discussed. **Full NFPA compliant protective clothing with 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-5240** / 1 session / \$45

>**82285** Sun 8:30am-3:30pm Sep 25

PRI Staff Instructors and FSTB Field Instructors

**“Very informative. Took away some valuable information.”**

### The First Five

This class covers the first five minutes on the fire-ground from the company officer’s perspective. Topics to be discussed will include size-up, the 360-degree survey, incorporation of modern fire research, and a review and selection of appropriate attack strategies.

All fire and rescue service personnel.

ETFR-5269 / 1 session / \$50

>82281 Sat 9am-4pm Sep 24

Lance Routson, Lieutenant, Urbandale Fire Department, and FSTB Field Instructor

### Tractor Rollover

The tractor rollover extrication training program will give the 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 2.32 million tractors in the U.S. without ROPS. The hands-on portion of the program will deal with trauma patient care, cribbing and extrication tools. Students 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 fire, EMS and rescue service personnel.

ETFR-5244 / 1 session / \$45

>82289 Sat 9am-4pm Sep 24

Dan Neenan, NECAS (National Education Center for Agricultural Safety) and FSTB Field Instructors

### Trench Rescue

This course teaches rescuers trench rescue operations, trench collapse, soil types, federal regulations, ICS, preplanning, hazard recognition and control, patient assessment and treatment considerations, stabilization, rescue and recovery, proper shoring techniques utilizing timber and specialized equipment. Both classroom lesson plans and hands-on practices in real trenches will give the student a well-rounded understanding of the typical trench collapse. **Students in this course must bring lightweight climbing helmet or fire helmet, safety glasses, boots, coveralls (or bunker gear), leather gloves.**

Approved for 6.0 OE EMS Credit.

All fire, EMS and rescue service personnel.

ETFR-5246 / 1 session / \$45

>82334 Sat 9am-4pm Sep 24

PRI Staff Instructors and FSTB Field Instructors

### Vehicle Firefighting (Hands-on)

Students will leave the course with the knowledge and skill to safely operate a vehicle fire. Topics will 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 / \$60

>82282 Sat 9am-4pm Sep 24

Randy Thompson, Grundy Center Fire Department

>82336 Sun 8:30am-3:30pm Sep 25

Randy Thompson, Grundy Center Fire Department

**“Enjoyed the class. The instructors kept me interested! Good use of videos, humor and good use of personal experience. Can’t wait for the next year!”**





## TWO-DAY CLASSES

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### 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 will 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 course.**

*All fire and rescue service personnel.*

**ETFR-5502** / 2 sessions / \$100

>**82368** Sat 9am-4pm & Sun 8:30am-3:30pm Sep 24-25

John Zlabek, Hiawatha Fire Department

Roger Berry, Indianola Fire Department

Shawn Fluharty, Marion Fire Department

Loran Jellison, Robins Fire Department

### Basic Fire Investigation Awareness (Hands-On)

This course provides firefighters with basic skills required in an initial fire scene investigation. Students will learn the concept of incendiaryism, scene preservation, evidence collection and methods of documentation. This course will include a hands-on session on Sunday morning. Please note that this course is not intended for you to become a Certified Fire Investigator. **Fire coat, helmet and gloves will be required for all students involved in the hands-on portion for this class.**

*All fire and rescue service personnel.*

**ETFR-5501** / 2 sessions / \$100

>**82371** Sat 9am-4pm & Sun 8:30am-3:30pm Sep 24-25

Special Agents, Iowa Department of Public Safety, State

Fire Marshal Division

### Fireground Support Operations: Ladder Company Tactics With or Without A Ladder Truck

This class is for people and groups who want to **NEW** be known for providing the best, most comprehensive operations possible. It focuses on an aspect of fire attack that is often overlooked—fireground “support operations” or ladder company operations. These are the activities other than command and water application needed to deliver safe, efficient fire attack. It starts with a definition of the “LOVERS PLUS” functions that ladder companies perform, and how to put them to work in your department, whether you have a ladder truck or not. The class then focuses on several of the most important operations—ventilation, entry, searching for people and searching for fire. It addresses how to perform them safely, quickly and efficiently, regardless of how large or small your department is. A lot of emphasis is focused on organizing, training and equipping individual teams for the maximum effect. Although the session will emphasize fireground operations, it will conclude with methods of integrating support operations into virtually everything the department does, to maximize their effectiveness on every type of call. Ask anyone who’s taken it—Fireground Support Operations is the ideal class for every serious firefighter or fire officer. There will be a hands-on component to the course. **Full NFPA compliant protective clothing and SCBA will be required for all students involved in the hands-on portion of this course.**

*All fire and rescue service personnel.*

**ETFR-5513** / 2 sessions / \$100

>**82366** Sat 9am-4pm & Sun 8:30am-3:30pm Sep 24-25

Fred Malven, Assistant Chief of Training & Special Operations,

Nevada Community Fire Department

Zach Wateror, Nevada Community Fire Department

Jason Corbin, Firefighter, Nevada Community Fire Department

Noah Reyman, Firefighter/EMT, Nevada Community Fire Department

### High Angle Rope Rescue

This course provides information and skills necessary to perform rescues utilizing ropes. Topics include size-up and scene management, knots, equipment, anchors, ascending/descending techniques and mechanical advantages. Students will participate in rescue evolutions under supervision of the instructors. Tower rescue will be included in this training. The content of this course meets the NFPA 1006 and NFPA 1670 requirements. *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 fire, EMS and rescue service personnel.

ETFR-5508 / 2 sessions / \$80

>82370 Sat 9am-4pm & Sun 8:30am-3:30pm Sep 24-25

PRI Staff Instructors and FSTB Field Instructors



**“Great information. A lot of training info to take back to the workplace.”**



# 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 NFPA compliant protective equipment requirements 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 30th 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 families. Wherever you travel, the FD license plate, the blue light, the window decal, 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.

## VOLUNTEER FIREFIGHTER TRAINING

### FUND CREDIT

Individuals from Iowa volunteer and combination fire departments registering for the courses listed below have already received a \$30 reduction in Fire School fees due to partial grant funding from the Iowa Volunteer Firefighter Training Fund. 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.

- Combine Extrication
- Confined Space
- Grain Bin Rescue
- High Angle Rope Rescue
- Industrial Machinery Rescue
- Interior Fire Attack
- Live Propane Emergencies (Hands-On)
- Manure Pit Rescue
- Rapid Intervention Teams
- School Bus Rescue
- Tractor Rollover
- Trench Rescue

**IOWA CERTIFICATION REGIONAL EXAM**

The Fire Service Training Bureau will offer the Fire Fighter 1, 2, Hazardous Materials Operations and Fire Service Instructor 1 exams at the Kirkwood Continuing Education Training Center, 101 50th Avenue SW, Room 1204, 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, 888-469-2374. Fire Fighter 1 & 2 exams are based on the 2013 edition of the NFPA 1001 standard and the Essentials 6th Edition. Bring full protective equipment & 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 6, 2016.**

**FIRE SCHOOL COMMITTEE**

Kim Fensterman	Mike Fredericks
Shawn Fluharty	Richard Harman
Dave Hughes	Gary Lange
Scott McNeal	Chuck Niehaus
Dan Paidar	Matt Powers
Dave Stannard	Kevin Wieser
John Zlabek	

**CITA BOARD MEMBERS**

Brian Courtney, Linn 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  
 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: 7:30 a.m. - 5 p.m.

Sunday: 7:30 a.m. - 1:30 p.m.

**MEALS**

Continental breakfast will be provided for all participants each morning in the Vendor Hall area. Lunch will also be provided in the Vendor Hall for all participants. Your lunch ticket will be 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

7725 Kirkwood Blvd. SW 319-848-8700

### AmericInn

8910 6th St. SW 319-632-1800

### Aspen Inn

3242 S Ridge Dr. SW 319-363-9999

### Clarion Inn

525 33rd Ave. SW 319-366-8671

### Comfort Inn South

390 33rd Ave. SW 319-363-7934

### Country Inn and Suites

9100 Atlantic Dr. SW 319-363-3789

### EconoLodge

622 33rd Ave. SW 319-363-8888

### Fairfield Inn

605 32nd Ave. SW 319-241-1000

### Hampton Inn

3265 Sixth St. SW 319-364-8144

### Holiday Inn Express

3320 Southgate Ct. SW 319-399-5025

### Hometown Inn & Suites

3315 Southgate Ct. SW 319-362-9012

### Homewood Suites

1140 Park Pl. NE 319-378-1140

### Howard Johnson

616 33rd Ave. SW 319-366-2475

### Red Roof Inn

3243 Southridge Dr. SW 319-364-2000

### Super 8

400 33rd Ave. SW 319-363-1755

## 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**.

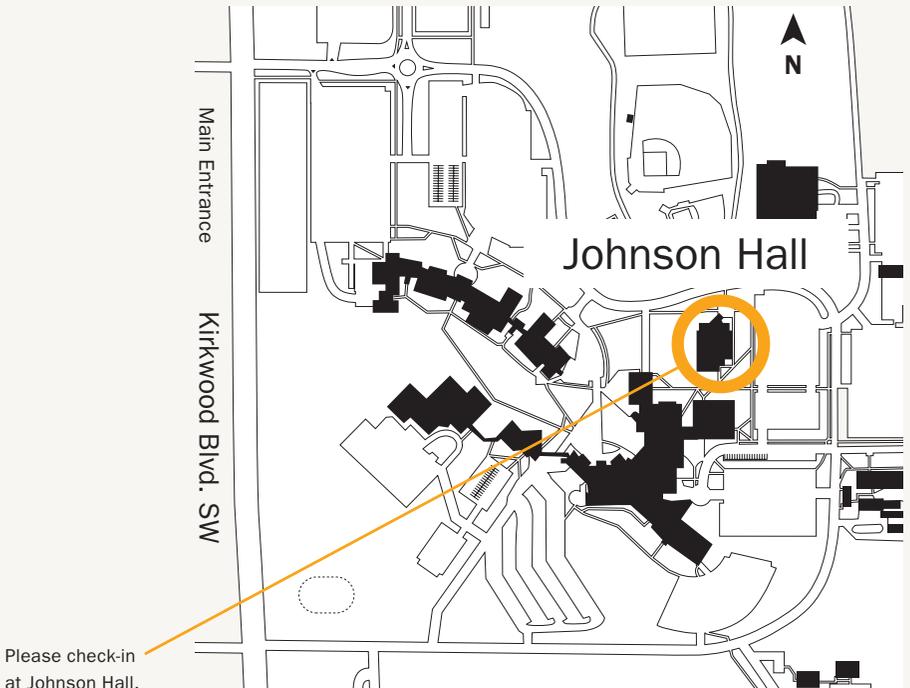
If an individual's company is responsible for payment, the company must register each individual using the enclosed billing authorization form and Kirkwood will bill the company. Invoices will not be sent to individuals. Billing for all registered participants will be done regardless of attendance. **Please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

## CONFIRMATION

All participants registered prior to September 16, 2016, will receive a confirmation packet. Those who register after September 16 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 available online at [www.kirkwood.edu/maincampus](http://www.kirkwood.edu/maincampus).**



## Sponsorship Billing Authorization:



Fill out the enrollment form below and fax to **319-398-7185** or **319-398-5432**.

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  
6301 Kirkwood Blvd. SW  
Cedar Rapids, IA 52404

## 30<sup>TH</sup> CITA-KIRKWOOD FIRE SCHOOL 2016

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.**

# 30<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, 2016



## Continuing Education

Kirkwood Community College  
6301 Kirkwood Blvd. SW  
Cedar Rapids, Iowa 52404



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