



SEPT. 25-26, 2010



24TH CITA-KIRKWOOD FIRE SCHOOL

KIRKWOOD COMMUNITY COLLEGE | CEDAR RAPIDS, IOWA | WWW.KIRKWOOD.EDU/FIRESCHOOL

Kirkwood
Continuing Education & Training Services

Continuing Education

Life, Work, Family, Success



2010 FIRE SCHOOL SCHEDULE

Saturday, September 25, 2010

7:15-8:45 a.m.	Check-in / Vendors open (Johnson Hall)
9 a.m.-12 p.m.	Classes in session Vendors open (Johnson Hall)
11:30 a.m.-1:30 p.m.	Lunch (staggered schedule-Iowa Hall cafeteria) Vendors open (Johnson Hall)
12-1 p.m.	Check-in for afternoon learning seminars Vendors open (Johnson Hall)
1-4 p.m.	Classes in session
1-5 p.m.	Vendors open (Johnson Hall)

Sunday, September 26, 2010

7:15-8 a.m.	Check-in / Vendors open (Johnson Hall)
8:30-11:30 a.m.	Classes in session
8 a.m.-1 p.m.	Vendors open (Johnson Hall)
11 a.m.-12:30 p.m.	Lunch (staggered scheduled-Iowa Hall cafeteria)
12-3:30 p.m.	Classes in session

REGISTRATION

Class Sizes Are Limited—Pre-Registration Required

Call 1-800-332-8833 or 319-398-1022

or visit www.kirkwood.edu/fireschool.

Inform the operator you are registering for the CITA-Kirkwood Fire School. Please have full name, address, phone number, social security number, course title and class number available. Have alternative classes in mind, in case the required class is full. You may pay by check, MasterCard, Visa or Discover. To bill your department or service, fill out the registration form located at the back of this brochure. Registrants without bill back forms submitted will be responsible for the charges.

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:

Advanced Mobile Structural
Burn Simulator
Agricultural Grain Bin Rescue
Combine Extrication
Confined Space Entry
School Bus Extrication
Tractor Rollover
Trench Rescue

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).

BILLING AND REFUND POLICY

Individuals may register and bill their departments (the enclosed billing authorization form

must be completed and returned). Invoices will not be sent to individuals. Billing for all registered participants will be done regardless of attendance. Please remember that the lunch cost is part of your class cost. Registrations canceled in writing before 5 p.m. on September 23, 2010, will receive a full refund. Cancellations made after that time will not be eligible for refunds.

NFPA-COMPLIANT EQUIPMENT

Rules regarding personal protective equipment will apply for several hands-on classes at the CITA-Kirkwood Fire School. If “NFPA-compliant equipment” 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.

NFPA-Compliant Equipment includes:

- **Helmet (NFPA-compliant)**
- **Protective hood**
- **Coat with liner (NFPA-compliant)**
- **Pants with liner (NFPA-compliant. 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.

CONFIRMATION

All participants that are registered prior to September 10, 2010, will receive a confirmation letter. Those that register after September 10 will need to pick up their confirmation at check-in. The confirmation packet will include: confirmation letter, campus map, name tag and lunch ticket.

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.

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.

HEALTH WARNING

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.

CODE OF CONDUCT

Conduct while attending out of town educational programs or other fire service events should be no different than it would be in front of your families. Wherever you travel, the FD license plate, the blue light, the window decal, the Maltese cross on your jacket or t-shirt identifies you as a member of an honorable and proud profession. Your actions reflect not only upon you as an individual, but upon your fire department and the fire service as a whole. The public expects our actions to be above reproach on and off the emergency scene.

AGE REQUIREMENT POLICY

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 24th 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.

MOTELS

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

AmericInn	8910 6th Street SW	319-632-1800
Aspen Inn	3242 S Ridge Dr. SW	319-363-9999
Crowne Plaza	350 1st Avenue NE	319-363-8161
Econo Lodge	622 33rd Avenue SW	319-363-8888
Fairfield Inn	3243 Southridge Dr SW	319-364-2000
Hampton Inn	3265 6th Street SW	319-364-8144
Holiday Inn Express	3320 Southgate Ct. SW	319-399-5025
Howard Johnson	616 33rd Avenue SW	319-366-2475
Country Inn & Suites	9100 Atlantic Dr. SW	319-363-3789
Clarion Inn	525 33rd Avenue SW	319-366-8671
Super 8	400 33rd Avenue SW	319-363-1755
The Hotel at Kirkwood Center	7725 Kirkwood Blvd. SW	319-848-8700

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 25, 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. Application deadline is September 4, 2010.

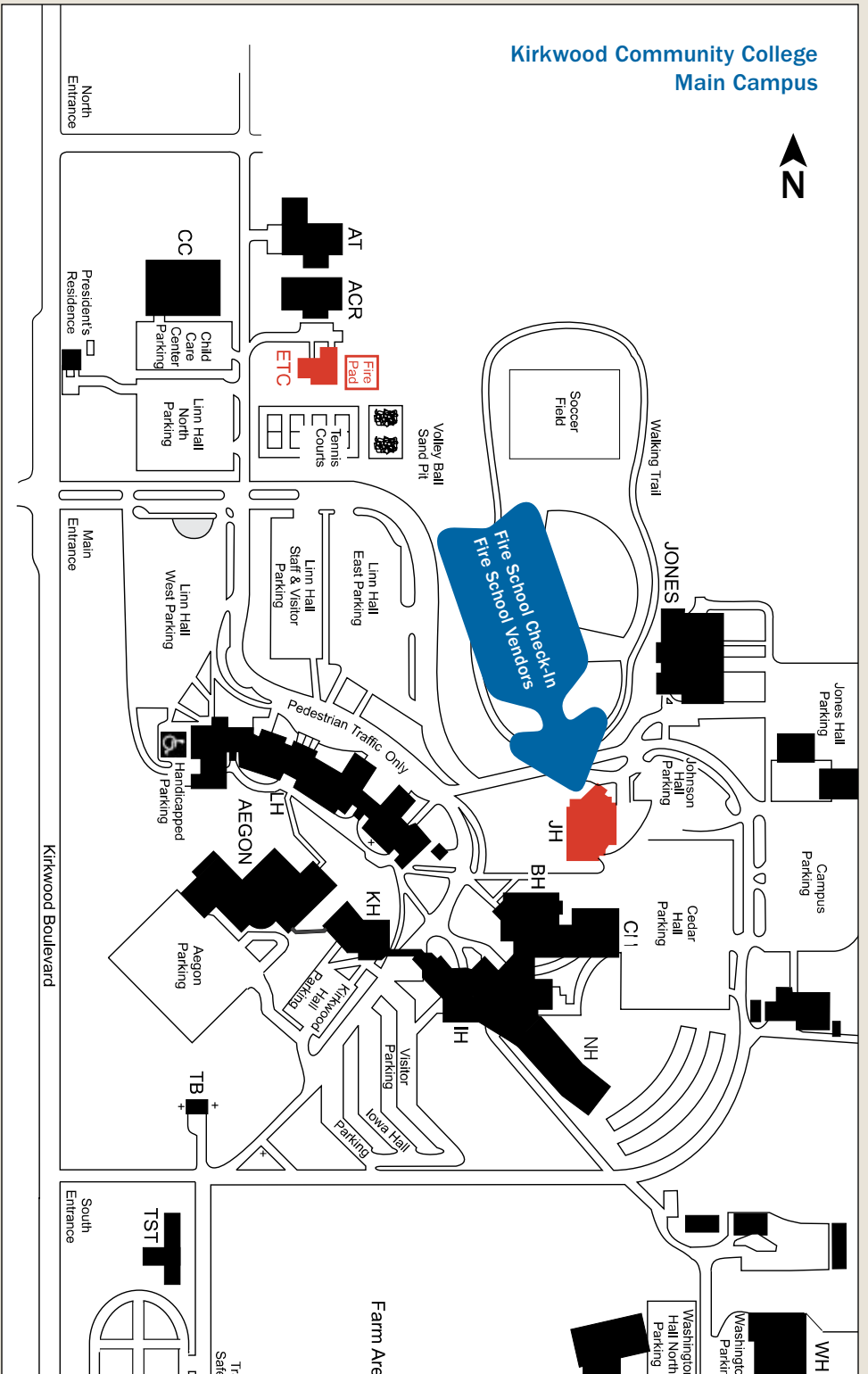
We invite your department to join the Central Iowa Training Association. Membership includes access to CITA's Film Library of more than 1200 films for the fire service. **For information, call Kim Fensterman, secretary, at 319-398-5678.**

LOCATION

The CITA-Kirkwood Fire School is held at Kirkwood Community College, Cedar Rapids main campus, 6301 Kirkwood Blvd SW, Cedar Rapids, Iowa.

Kirkwood Community College main campus maps can also be found online at www.kirkwood.edu/maincampus.

Kirkwood Community College Main Campus



Emergency Burn Care

NEW The purpose of this program is to provide current emergency care management and interventions to the critically injured adult and pediatric burn patient. Upon completion students will be able 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 and rescue service personnel.

ETFR-5003 / 1 session / \$27

> **3934** / Sat 9am-12pm / Sep 25

Jackie Heinle, RN, Department of Nursing, University of Iowa Hospitals & Clinics

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

NEW This course teaches EMS personnel about the many people integrated into our communities who suffer from varying differences in disabilities. At the conclusion of this class students will be able to identify all individuals who can present challenges; teach EMS personnel how to identify themselves without speaking; and 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 and rescue service personnel.

ETFR-5005 / 1 session / \$27

> **3935** / Sat 1-4pm / Sep 25

Lisa Roberts, Wadena-Illlyria FD

> **3946** / Sun 8:30-11:30am / Sep 26

Lisa Roberts, Wadena-Illlyria FD

Developing a Community Grants Tool Belt: Finding More Connections with Your Mission

NEW Current federal grant programs provide significant support to fire departments nationwide to the approximately 25 percent of those departments that apply. What else is out there in terms of grant programs? What standard information do you need in your department's tool belt before starting to apply for more grants? When considering grant opportunities, how do you best determine up front if the potential for fit with a grant program aligns with the time and effort needed to complete the grant? How do you know how much money to ask for? Upon registration, a list of department information will be provided for you to bring to start the process of filling your grant application tool belt. This course will also touch on ideas for non-governmental grant sources in your area.

All fire and rescue service personnel.

ETFR-5001 / 1 session / \$27

> **3945** / Sun 12:30-3:30pm / Sep 26

Dawn Svenson Holland, Flashpoint Fundraising

Fire Streams and Fire Control

NEW This class covers the extinguishing properties of water, pressure loss/gain, stream patterns, foam properties and application. The fire control includes strategies and tactics for suppressing structural fires, class B, C and D fires, above/below ground fires and vehicle fires.

All fire and rescue service personnel.

ETFR-5008 / 1 session / \$27

> **3936** / Sat 9am-12pm / Sep 25

Kevin Wieser, Delaware Township FD

Firefighter Down: Taking Care of Injured Firefighters

You respond to fires. You know how to do rehab. Yet, are you ready to take care of an injured firefighter? This three-hour, interactive course uses case studies and hands-on practice to take a look at critical injuries and illnesses that occur during firefighting. Take an in-depth look at mechanisms of injury/illness, assessment techniques and the challenges of treating firefighters at emergency scenes. There will be discussion of some critical prevention methods. This is appropriate for first responders through paramedic specialists. Approved for 3.0 FE EMS credit.

All fire and rescue service personnel.

ETFR-5006 / 1 session / \$27

> **3937** / Sat 9am-12pm / Sep 25

Mike Nesslage, Hiawatha FD

Forcible Entry

NEW 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, 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 will provide the students the opportunity to practice with realistic props for hands-on practice. **Full NFPA-compliant protective clothing is required.**

All fire and rescue service personnel.

ETFR-5009 / 1 session / \$32

> **3938** / Sat 1-4pm / Sep 25

Staff, Professional Rescue Innovations

> **3947** / Sun 8:30-11:30am / Sep 26

Staff, Professional Rescue Innovations



Hazardous Materials Awareness

This course is for emergency response personnel who may be first on the scene of a hazardous materials emergency. It will provide the student with the basic skills necessary to safely and effectively manage the initial activities of an emergency involving the uncontrolled release of dangerous chemicals.

All fire and rescue service personnel.

ETFR-5010 / 1 session / \$27

> **3948** / Sun 8:30-11:30am / Sep 26

Staff, Linn County Hazardous Materials Team

Hybrid Vehicle Training

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? In 2010, it is expected that hybrid vehicles will account for nearly 10-20 percent of the midsize vehicles sold in the U.S. By 2011, some estimates place 5.2 million hybrid vehicles on the road with nearly 50 models available. 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, EMS and rescue service personnel.

ETFR-5011 / 1 session / \$32

> **3939** / Sat 1-4pm / Sep 25

Staff, Professional Rescue Innovations

> **3949** / Sun 8:30-11:30am

Staff, Professional Rescue Innovations

It's Not an F-Word: Integrating Fundraising into Your Department's Operations

NEW Calls. Training. Recruiting. Budget management. Maintenance needs. The list goes on. With increased demands, who has time to think about fundraising beyond that annual pancake breakfast or other special event? Who really wants to spend precious time talking about “begging,” the dreaded f-word? Fundraising includes so many options – where should your department’s focus be? How do you harness the fact that it’s all about your mission to help the community? Using information you provide once you register, this course will focus on class interaction and practice scenarios. This course provides you with starting steps or building blocks, depending on your need, to take back to your department for action.

All fire and rescue service personnel.

ETFR-5013 / 1 session / \$27

> **3940** / Sat 1-4pm / Sep 25

Dawn Svenson Holland, Flashpoint Fundraising

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 fire-setter; and developing an education action plan for the firesetter and his or her family.

All fire and rescue service personnel.

ETFR-5014 / 1 session / \$27

> **3941** / Sat 1-4pm / Sep 25

Jim Plunket, Ret., Lombard FD, Illinois



PIO for Line Firefighters and Officers

Learn the basics needed to survive the media at an emergency incident: answering tough questions such as, “Could this happen in your town?”; 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

> **3950** / Sun 8:30-11:30am / Sep 26

Jim Plunket, Ret., Lombard FD, Illinois

Radio Communications for the Fire Service

NEW This course will cover the use of the Health Alert Network notification and collaboration system, general radio communication techniques, use of a trunked radio system, changes in FCC requirements regarding narrow-banding and the state-wide interoperability initiative.

All fire and rescue service personnel.

ETFR-5018 / 1 session / \$27

> **3942** / Sat 9am-12pm / Sep 25

Tom Boeckmann, Iowa Department of Public Health

Railcar Safety for First Responders

Does your department know how to respond to a railroad incident? This class will review mechanical, pneumatic, chemical, electrical, fire and environmental safety issues at a railroad incident. It will cover what to do when you arrive on the scene, the rail corridor emergency response plan, train documents and the types of rail equipment. A portion of this class will be outside on the railcar field.

All fire and rescue service personnel.

ETFR-5019 / 1 session / \$27

> **3943** / Sat 9am-12pm / Sep 25

Tom Clymer, Linn County Hazardous Materials Team

Sorbents: Applications, Limitations and Regulations

This hands-on training simulates the proper application and properties of sorbents, including leaching. This course reviews more than a dozen different sorbents: poly, clay, d.e., peat, cellulose and others, how they work, when to use them and their limitations. Review federal, state and local regulations and disposal methods. Get answers to these questions: What goes into a sock or boom? Why are there so many different colors of poly? Is there a difference? What is the proper PPE when handling sorbents?

All fire and rescue service personnel.

ETFR-5021 / 1 session / \$27

> **3944** / Sat 1-4pm / Sep 25

Doug Fauble, EcoSolutions, LLC

> **3951** / Sun 12:30-3:30pm / Sep 26

Doug Fauble, EcoSolutions, LLC

The Art of Reading Smoke

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 flashover 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

> **3952** / Sun 12:30-3:30pm / Sep 26

Kevin Wieser, Delaware Township FD

Thermal Imaging Cameras (TIC)

How can you tell the difference between hot and cold objects at the scene? What other applications can TICs be used for other than search and rescue? This course contains a classroom session that will define thermal imaging, its development and historical significance, its practical application in the fire service and its inherent limitations. The practical evolution will include actual use of a thermal imaging device under fire conditions.

All fire and rescue service personnel.

ETFR-5024 / 1 session / \$27

> **3953** / Sun 12:30-3:30pm / Sep 26

Jon Kuperous, Mine Safety Appliances (MSA)



Advanced Mobile Structural Burn Simulator

NEW This class from Customized Firefighter Training Inc. includes classroom and hands on time in the Advanced Mobile Live Burn Simulator. The class will give you smoke, heat, fire and rollover in a controlled environment. There will be hands-on training with hose handling in hallways and stairs, extinguishing fire, performing fire attack, ventilation and overhaul. Get all the advantages of live fire training with safety and convenience. The classroom portion will cover how fires have changed, modern day fuel loads and construction, and some of the techniques to battle them. **Full NFPA-compliant protective clothing and SCBA are required.**

All fire and rescue service personnel.

ETFR-5201 / 1 session / \$35

> **3957** / Sat 9am-4pm / Sep 25

Customized Firefighter Training, Graettinger, Iowa

> **3971** / Sun 8:30am-3:30pm / Sep 26

Customized Firefighter Training, Graettinger, Iowa

Agricultural Grain Bin Rescue

This extensive, hands-on training course is designed to raise awareness about bin-rescue procedures and equipment. Participants will gain experience working in grain bins and using technical rescue equipment, such as ropes, harnesses, carabiners, mechanical-advantage systems, anchorage points, cofferdams, breathing apparatus, tripods and victim packaging. They will experience an actual engulfment and the pressures involved on their body. Participants will get their hands dirty. We will be simulating engulfment, and actually be pulling people out of grain, just like in a rescue situation. We'll be packaging people and pulling them through the roofs of bins, working at heights and building cofferdams in grain. This training will show how time-intensive and how difficult this type of rescue can be. **Full NFPA-compliant protective clothing is required.**

All fire and rescue service personnel.

ETFR-5202 / 1 session / \$35

> **3972** / Sun 8:30am-3:30pm / Sep 26

Staff, Fire Service Training Bureau

Staff, Professional Rescue Innovations



Airway Management for Firefighter Survival

NEW A question that every firefighter should be able to answer without hesitation is, “How long can I work while wearing a SCBA?” The fire ground is not the place to figure out the answer! In this class, firefighters will 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 are required.**

All fire and rescue service personnel.

ETFR-5203 / 1 session / \$40

> **3973** / Sun 8:30am-3:30pm / Sep 26

Terry McAtee, Cedar Rapids FD

Rick Childs, Iowa City FD

Basic Pump Operations

NEW This course deals with the actions required to effectively understand hoses, nozzles and appliances, pumps, as well as the delivery of water in an effective manner to mitigate incidents. Without question, fire department pumpers are the most important apparatus used for controlled application of water and other extinguishing agents. No fire department can operate without pumping apparatus. This course is one of the easiest methods to attempt to ensure that all pump operators perform properly and professionally.

All fire and rescue service personnel.

ETFR-5204 / 1 session / \$50

> **3958** / Sat 9am-4pm / Sep 25

Staff, Professional Rescue Innovations

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. Injured victims can be entrapped 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. This course will give the student the techniques needed to safely size-up and mitigate an emergency involving an automobile-type vehicle. Students will learn the proper procedures for vehicle stabilization, patient disentanglement and removal. This course will give the students hands-on experience with various types of rescue tools. **Full NFPA-compliant protective clothing and safety glasses are required.**

All fire, EMS and rescue service personnel.

ETFR-5205 / 1 session / \$50

> **3959** / Sat 9am-4pm / Sep 25

Bob Sandry/Staff, Sandry Fire Supply

Basic Ventilation

NEW This class will cover five types of ventilation: horizontal, vertical, positive pressure, mechanical and hydraulic. After completing this class, the firefighter will have experienced various types of ventilation and understand the mechanics behind them. **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-5206 / 1 session / \$40

> **3960** / Sat 9am-4pm / Sep 25

Matt Powers, Hiawatha FD

Calling the Mayday

Why is getting a firefighter to call a Mayday such a problem? First, no national standards exist in relation to calling a Mayday. Second, we do not teach or practice calling a Mayday, and third, we do not have specific rules for when a firefighter must call a Mayday. This class teaches firefighters how to recognize a Mayday situation and requires them to demonstrate the ability to call a Mayday under various emergency situations they may find themselves in. This is a physically demanding class that requires students to work with full PPE, SCBA and a handheld radio under stressful conditions. Students who complete the training are eligible for the National Fire Academy certificate H-134 Calling the Mayday: Hands-on Training. **Full NFPA-compliant protective clothing and SCBA are required.**

All fire and rescue service personnel.

ETFR-5207 / 1 session / \$45

> **3961** / Sat 9am-4pm / Sep 25

Rich Rodewald, Council Bluffs FD

Jeff Haler, Cedar Falls Fire and Rescue

Confined Space Rescue

This course will give employees and responders hands-on experience in confined space procedures and the content will adhere 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. Individuals will 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 are required.**

All fire and rescue service personnel.

ETFR-5210 / 1 session / \$35

> **3962** / Sat 9am-4pm / Sep 25

Staff, Fire Service Training Bureau

Staff, Professional Rescue Innovations

Combine Extrication

This hands-on class will take 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. Students will perform several evolutions in patient extrication. **Full NFPA-compliant protective clothing is required.** Approved for 6.0 FE EMS credit.

All fire, EMS and rescue service personnel.

ETFR-5209 / 1 session / \$35

> **3974** / Sun 8:30am-3:30pm / Sep 26

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



Emergency Incident Rehabilitation

Whether it be a structure fire, grass fire, extrication, or any other call that requires extended on-scene time, this course will provide emergency responders the most comprehensive treatment of emergency incident rehabilitation operations to date. It explores rehab operations in the context of both the tactics of fire operations and the provisions of medical evaluation and treatment. What the course sets out is not theory, but rather the “nuts and bolts” information that can be used by emergency organizations of any size. This class also combines hands-on training at various locations at the Fire School. **Full NFPA-compliant PPE (if available), blood pressure cuff and stethoscope are required.** Approved for 6.0 FE EMS credit.

All fire, EMS and rescue service personnel.

ETFR-5213 / 1 session / \$40

> **3963** / Sat 9am-4pm / Sep 25

Tracy Tope/Staff, Nevada FD

> **3976** / Sun 8:30am-3:30pm / Sep 26

Tracy Tope/Staff, Nevada FD

Firefighting Foam Principles and Ethanol-Blended Fuel

Is your department prepared to attack fires involving reformulated gasoline, biodiesel and other flammable liquids commonly found in every U.S. city and town? Are you using Class A foam as a tool to help control difficult fires? This class will provide a basic understanding of the types of foams and other agents used for fire fighting, their application and how they work. There will be a special focus on today’s fuels such as ethanol, E-85, biodiesel and other reformulated motor fuels. Table top demonstrations and hands-on exercises will be used to help the firefighter understand the proper ways to make and apply foam. Different types of proportioning equipment and applicators, as well as compressed air foam systems, will be examined. **Full NFPA-compliant protective clothing and SCBA are required.**

All fire and rescue service personnel.

ETFR-5221 / 1 session / \$50

> **3964** / Sat 9am-4pm / Sep 25

Dave Burns, Task Force Tips, Inc.

Fire Investigation Awareness

This classroom-only course is designed to enhance the ability to detect and determine the origin and cause of a fire. Specific topics include fire behavior review, investigator ethics, construction, ignition sources, reading fire patterns and scene reconstruction.

All fire and rescue service personnel.

ETFR-5219 / 1 session / \$40

> **3977** / Sun 8:30am-3:30pm / Sep 26

Jeff Shatzer, Department of Public Safety, Fire Marshal’s Office

Honor Guard Basics

NEW This is a hands-on class covering Honor Guard functions at funerals, visitations, memorial services, etc. Students will learn basic drill movements and will practice for specific events. Students will also be shown how to use ceremonial axes, pike poles, bells and bagpipes at an event.

All fire and rescue service personnel.

ETFR-5224 / 1 session / \$40

> **3965** / Sat 9am-4pm / Sep 25

John Pulver, Cedar Rapids FD

Emma Pulver, Cedar Rapids FD

Incident Command Systems (ICS)

During an emergency, an Incident Command System (ICS) assists in the command, control and coordination of all efforts aimed at protecting life, preserving property and supporting the emergency response. Objectives: describe the ways an ICS can provide a consistent approach to command and control during an emergency or disaster; consider the composition of an effective ICS before an actual incident occurs; provide an overview of roles and responsibilities for ICS members; review unified command, needed when incidents involve other response organizations both private and governmental.

All fire and rescue service personnel.

ETFR-5225 / 1 session / \$40

> **3966** / Sat 9am-4pm / Sep 25

Dennis Correll, Medford, Minnesota

Intermediate Firefighting

For those who think they have done it all, this course is designed to challenge those firefighters who are Firefighter I. In this course you will learn to respect all the tools that firefighters use, from SCBAs to hose and nozzles, and learn to use equipment that may not be yours. Full turn out with SCBA and a spare bottle are required along with all the regulations covering use of this equipment. Participants must be clean shaven, and long pants and shirts are required for this class. We will incorporate the use of imaging cameras in this class if possible. This is a one-day, down and dirty class. **Full NFPA-compliant protective clothing and SCBA are required.**

All fire and rescue service personnel.

ETFR-5228 / 1 session / \$50

> **3967** / Sat 9am-4pm / Sep 25

Marv Trimble, Mick Langguth, Patrick Hoyt, Jr.,

Terry McAtte, Marcus Morin, Nick Miller,

Cedar Rapids FD

Bob Decker, Jake Isbell, Garrison FD

Luke Maas, Newton FD

Lunch is included with all Learning Seminars, One-day and Two-day classes.

Logical Fire Ground Tactics

Fire ground commanders often “do what they always did” on the fire ground, sometimes with catastrophic results. This is a strategy and tactics class, with the emphasis on avoiding common operational safety issues and how to make better tactical decisions that lead to good endings. Communications, fire spread and fire attack, building construction, tactics and avoiding common hazards are among the topics that will be discussed from the perspective of the IC or first due company officer. This course centers around case studies and scenarios with an emphasis on making good tactical decisions and fire ground safety.

All fire and rescue service personnel.

ETFR-5229 / 1 session / \$40

> **3979** / Sun 8:30am-3:30pm / Sep 26

Mike Nesslage, Rob Archibald, Hiawatha FD

Recruitment and Retention for Emergency Services

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

All fire and rescue service personnel.

ETFR-5236 / 1 session / \$40

> **3968** / Sat 9am-4pm / Sep 25

Shawn Fluharty, Marion FD

Preparing for the Promotion

NEW Students will review the basics on how and when to discipline, how to conduct meetings and delegate assignments, how to communicate and be understood, and how to manage emergency scenes. This class is directed at those wishing to prepare for an assessment center, or just wishing to develop their management skills.

All fire and rescue service personnel.

ETFR-5233 / 1 session / \$40

> **3981** / Sun 8:30am-3:30pm / Sep 26

John Pulver, Cedar Rapids FD



SCBAs and Performing Primary 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. In addition, students will perform search and rescue as part of a team to locate and remove victims trapped by heat or smoke in simulated fire conditions. They must remain oriented to location in building, air supply operational time and crew accountability at all times. **Full NFPA-compliant protective clothing and SCBA are required.**

All fire and rescue service personnel.

ETFR-5239 / 1 session / \$45

> **3969** / Sat 9am-4pm / Sep 25

All Esch/Staff, Dubuque County Firefighter's Assoc.

> **3983** / Sun 8:30am-3:30pm / Sep 26

All Esch/Staff, Dubuque County Firefighter's Assoc.

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 buses 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 and safety glasses are required.**

All fire and rescue service personnel.

ETFR-5240 / 1 session / \$35

> **3984** / Sun 8:30am-3:30pm / Sep 26

Staff, Fire Service Training Bureau

Staff, Professional Rescue Innovations



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. operate 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 are required.** Approved for 6.0 FE EMS credit.

All fire, EMS and rescue service personnel.

ETFR-5244 / 1 session / \$35

> **3970** / Sat 9am-4pm / Sep 25

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

Trench Rescue for Emergency Personnel

This course is hands-on training on trench rescue procedures and the content will adhere to NFPA 1006 and NFPA 1670. The purpose of this course is to explain basic strategies to safeguard responders' health and safety when dealing with potential dangers associated with trench collapse emergencies. Individuals will gain basic knowledge in trench procedures, new equipment, trench hazards and proper patient packaging. This course allows responders to work together to understand the patient's needs. **Full NFPA-compliant protective clothing and safety glasses are required.**

All fire and rescue service personnel.

ETFR-5246 / 1 session / \$32

> **3985** / Sun 8:30am-3:30pm / Sep 26

Staff, Professional Rescue Innovations

What Meth Labs Mean to Emergency Responders

Responding to a meth lab, whether it's for a fire, explosion, or a medical emergency, could be very dangerous. They are not always what they seem. You could be exposed to many dangerous devices, chemicals and booby traps. What you do could put your life and those around you at risk. Knowing what not to do could be the secret to surviving. If you are the first to arrive, you could be held liable for public safety and department injuries. The meth producers are not only using chemicals to produce methamphetamine, but they may be using booby traps and other devices to control the local drug market and protect their labs from outside intruders. Unsuspecting police, fire and EMS personnel could stumble into these devices and become the next victim. Long term health hazards are always a big concern. In this course, we will look at meth labs and what chemicals are used, how devices are used and the reasoning behind them in an attempt to make you safer.

All fire, EMS and rescue service personnel.

ETFR-5247 / 1 session / \$40

> **3986** / Sun 8:30am-3:30pm / Sep 26

Dennis Correll, Medford, Minnesota

TWO-DAY CLASSES

Advanced Auto Extrication

This 12-hour advanced course builds upon the basics of vehicle extrication, including vehicle anatomy, scene assessment, hazard control, scene stabilization, disentanglement techniques and procedures, tool selection and personal safety. Advanced extrication techniques will be performed on a number of different vehicles by participants utilizing various hand-, pneumatic- and hydraulic-powered tools. Advanced scenarios will be utilized in this program.

Full NFPA-compliant protective clothing and safety glasses are required.

All fire, EMS and rescue service personnel.

ETFR-5500 / 2 sessions / \$85 /

> **3987** / Sat 9am-4pm,

Sun 8:30am-3:30pm / Sep 25-26

Brent Soland, Genesis Rescue Systems

Bill Halleran, Sigourney FD

Basic Firefighting

This course covers the necessary skills for basic firefighting operations, including a blend of lecture with the majority of class time focused on practical skills and competency. Topics include firefighter safety; use and care of SCBA; basic search and rescue techniques; use of fire extinguishers; fire behavior and fire attack with water fire streams. This class is not a substitute for the Firefighter 1 class. **Full NFPA-compliant protective clothing and SCBA are required.**

All fire, EMS and rescue service personnel.

ETFR-5502 / 2 sessions / \$85

> **3988** / Sat 9am-4pm,

Sun 8:30am-3:30pm / Sep 25-26

John Zlabek, Hiawatha FD

Roger Berry, Indianola FD

Shawn Fluharty, Marion FD

Firefighter Safety and Survival

NEW This class is designed to teach firefighters to save themselves and their fellow firefighters while operating in structures. Focus will be placed on several key areas, including current trends and basic fire ground realities, self-awareness, survival skills, and rapid intervention teams and tactics. **Full NFPA-compliant protective clothing and SCBA are required.**

All fire and rescue service personnel.

ETFR-5505 / 2 sessions / \$85

> **3989** / Sat 9am-4pm,

Sun 8:30am-3:30pm / Sep 25-26

Jim O'Brien/Staff, Marion FD

Mobile Home Fire Response

This two-day course focuses on pre-standard mobile homes and provide the participant with knowledge of the construction techniques and materials used in these structures, and some of the unique hazards associated with them. Also discussed will be strategies and tactics in fighting mobile home fires. Numerous hands-on activities will emphasize basic search skills, fire attack methods, rapid entry techniques, and coordinated response. Students must be trained to the Firefighter 1 level. **Full NFPA-compliant protective clothing and SCBA are required.**

All fire and rescue service personnel.

ETFR-5507 / 2 sessions / \$85

> **3390** / Sat 9am-4pm,

Sun 8:30am-3:30pm / Sep 25-26

Scott Donohoe/Staff, Cedar Rapids FD

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. Students should bring a harness if possible.**

All fire and rescue service personnel.

ETFR-5508 / 2 sessions / \$85

> **3991** / Sat 9am-4pm,

Sun 8:30am-3:30pm / Sep 25-26

Jim Whitaker, Burlington FD

Aaron Whitaker, Davenport 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 the 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. Learn how to lift and move objects weighing in the thousands of pounds, learn proper cribbing techniques, and how to effectively use tools as levers for holding and moving. Work with air bags, cribbing, pry bars, mechanical advantage systems (MA), rollers, shims and concrete. Students will be using Urban Search and Rescue techniques of heavy lifting and moving, heavy cribbing, and leveraging principles. **Steel-toed boots, gloves, safety glasses and helmet are required.**

All fire and rescue service personnel.

ETFR-5510 / 2 sessions/ \$85

> **3992** / Sat 9am-4pm,

Sun 8:30am-3:30pm / Sep 25-26

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



TWO-DAY CLASSES



Vehicle Firefighting for Emergency Personnel

This course demonstrates incident command, fire suppression, gaining access, patient care, kinetics of trauma, burn treatment and arson tactics. We will also discuss hybrid vehicles, dangers and hazards, and airbags. Upon completion of this course, emergency personnel will be able to safely set up and manage a vehicle fire incident. **Full NFPA-compliant protective clothing and SCBA are required.**

All fire, EMS and rescue service personnel.

ETFR-5511 / 2 sessions / \$85

> **3993** / Sat 9am-4pm,

Sun 8:30am-3:30pm / Sep 25-26

Randy Thompson, Grundy Center FD

Nathan Kappel, Ackley FD

FIRE SCHOOL COMMITTEE

Scott Donohoe

Bob Downs

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Kim Fensterman

Shawn Fluharty

Richard Harman

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Marty Hoy

Ron Miller

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SPONSORSHIP BILLING AUTHORIZATION FORM

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Cedar Rapids, IA 52404

24TH CITA-KIRKWOOD FIRE SCHOOL 2010
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 e-mail 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: _____
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Phone #: _____

Fire School Billing and Refund Policy: Registrations canceled in writing before 5 p.m. on September 23, 2010 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 following equipment in order to participate. No exceptions will be made unless noted in the class description.



SEPT. 25-26, 2010

24TH CITA-KIRKWOOD FIRE SCHOOL

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