



CITA/KIRKWOOD 17th Annual Fire School

September 27 & 28, 2003

Sponsored by
Central Iowa Training Assn.
and
Kirkwood Community College

Please visit our website for
more fire school information.
www.kirkwood.edu/fireschool



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

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RAPID INTERVENTION TEAMS: FIREFIGHTER SURVIVAL & RESCUE

Message: Full Turnout Gear & SCBA, needed second day only.

For: All Fire and Rescue Service Personnel

Instructor: Brian Platz, Iowa City Fire Department and Dan Buser, Iowa City Fire Department

Objective: Even though the number of structure fires is on the decline, the amount of firefighters dying on the fireground is remaining at a constant level. The rapid intervention team (RIT) concept is designed to have a positive impact on firefighter fatalities on the fireground. This two-day course will take a look at the various nuances of the RIT. Topics to be discussed in a lecture format will include the laws and standards that relate to the RIT, RIT equipment, the RIT officer, fireground management of the RIT, along with rescue techniques that would be performed by the RIT. Firefighter survival techniques will also be discussed. This course will give the student a better understanding of the RIT concept and the importance of such a program. The first day will be that of a lecture format. The second day will be all hands on training.

Saturday (9:00 am - 4:00 pm) **Section #:** 244449 **Registration Fee:** \$64.00

Sunday (8:00 am - 12:00 pm)

TECHNICAL ROPE RESCUE

EMS Credit Requested: Approved for EMS, hours TBD

Message: Work clothes, shoes with ankle support (no tennis shoes) turnout gear, helmet and gloves are needed.

For: All Fire and Rescue Service Personnel

Instructor(s): Doug Wyman, Marion Fire Department; Kurt Carlson, Marion Fire Department; Cal Wyman, Springville Fire Department; Brian Gehl, Springville Fire Department, Todd Wyman, Springville Fire Department.

Objective: The students will be given a basic understanding of ropes, hardware and webbing. Students will be shown aspects of rope systems from high and low angle to confined space and water rescue. Students will learn "tricks of the trade" using their equipment along with minimal additional equipment to perform technical rescues. The morning of the first day will be classroom setting. The remainder of the time will be outside (rain or shine).

Saturday (9:00 am - 4:00 pm) **Section #:** 244450 **Registration Fee:** \$64.00

Sunday (8:00 am - 3:00 pm)

WE INVITE YOUR DEPARTMENT TO JOIN THE CENTRAL IOWA TRAINING ASSOCIATION MEMBERSHIP INCLUDES ACCESS TO CITA'S FILM LIBRARY OF OVER 1200 FILMS FOR THE FIRE SERVICE

FOR INFORMATION CALL:

Kim Fensterman, Secretary
(319) 398-5678

GENERAL INFORMATION

NOTICE: All hands-on courses requiring personal protective clothing (Full Gear) must include NFPA Compliant: helmet, protective hood, bunker coat & pants (3/4 boots won't be allowed in lieu of pants), firefighting boots, gloves, self contained breathing apparatus. Please note: Persons with beards (facial hair that contacts the SCBA seal) will NOT be allowed to participate in hands-on session of class. They may be able to participate in classroom and classes not requiring SCBA.

PARKING is available in all lots, except for the handicapped zones. It is not necessary to bring bunker gear to registration. DO NOT Park along the road in front of Johnson Hall, violators will be towed.

NEXT YEAR

The Eighteenth Annual CITA/Kirkwood Fire School will be held September 25 & 26, 2004.

DRESS CODE

It is each student's responsibility to use good judgment in selecting attire that projects a professional image while remaining appropriate for climate differences and safety in class activities. The Fire School Committee has the authority to make a determination that a participant's attire may be inappropriate.

LUNCH

Lunch is included in the One and Two-Day course registration fee. You will receive your lunch pass in class. You will not receive a refund from your registration fee if you choose not to participate in lunch. Those attending Learning Seminars may purchase lunch tickets at Fire School Check-In (Johnson Hall) for \$7.00.

MOTELS

There are several motels available close to the Kirkwood Campus. Some suggested motels are:

EconoLodge - 622 33rd Ave SW - (319) 363-8888

Fairfield Inn - 3243 Southridge Dr SW - (319) 364-2000

Hampton Inn - 3265 Sixth Street SW - (319) 364-8144

HoJo Inn - 3233 Southridge Drive SW - (319) 363-9999

Holiday Inn Express - 3320 Southgate Ct. SW - (319) 399-5025

Howard Johnson Airport Express - Wright Bros Blvd - (319) 363-3789

Super 8 - 400 33rd Ave SW - (319) 363-1755

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 at Johnson Hall (the gymnasium). Again you will have a chance to win door prizes from manufacturers and dealers.

Saturday Times

7:00 AM - 5:00 PM

Sunday Times

7:00 AM - 1:00 pm

Learning Seminars

Acute Traumatic Stress Management: For the First Responder.....	5
Basic Bomb Recognition.....	5
Bio Terrorism.....	5
Domestic Abuse.....	6
Emergency Response Refresher.....	6
Emergency Response to Terrorism: Study Course.....	6
Fire Officer Roundtable.....	6
Fire Streams & Hose Handling.....	7
Iowa EMS Update.....	7
Ladders, Ropes and Knots.....	7

One-Day Classes (Lunch included in Registration Fee)

Basic SCBA and Search & Rescue Training.....	8
Building Construction: What A Surprise!.....	8
Disasterville Incident Management.....	8
Emergency Response Operations Level.....	9
EMS Support Operations – First Responder After the Initial Response.....	9
FARMEDIC Recertification.....	9
Fighting Fire with Foam.....	10
Ground Level Entry.....	10
Honor Guard Procedures.....	10
Juvenile Firesetter Intervention Workshop.....	11
Ladder Entry.....	11
Meth Lab Awareness And Other Surprises.....	11
Mobile Flashover Training Unit.....	12
Preparing for Terror in Small – Large Communities.....	12
Rapid V.E.S.S.....	12
Search and Recovery of a Disaster Site.....	13
Vehicle Extrication: Basic Application.....	13
Vehicle Extrication: Scenarios.....	13

Two-Day Classes (Lunch included in Registration Fee)

Advanced Extrication.....	14
Basic Fire Investigation “Hands On”.....	14
Basic Firefighting.....	15
Basic Skills Rope Proficiency Class.....	15
Emergency Response to Terrorism: Emergency Services.....	16
FARMEDIC For the R.F.D.....	16
Fire Ground Pump Operations.....	16
Leadership I: Strategies For Company Success.....	17
Mobile Home Fire Response.....	17
Rapid Intervention Teams: Firefighter Survival/Rescue.....	18
Technical Rope Rescue.....	18

LEADERSHIP I: STRATEGIES FOR COMPANY SUCCESS

For: All Fire, EMS and Rescue Service Personnel

Instructor: Gene Chantler, Retired Division Chief, Poudre Fire Authority Ft. Collins, Colorado

Objective: This 2-day course presents the company officer with the basic leadership skills and tools needed to perform effectively in the fire service environment. The course includes techniques and approaches to problem-solving, ways to identify and assess the needs of the company officer’s subordinates, methods for running meetings effectively in the fire service environment, and decisionmaking skills for the company officer. Target Audience: Line fire officers, unit commanders, or program supervisors; Fire or rescue personnel due for promotion / appointment to officer rank or supervisory position within 6 months; Training officers, staff, or administrative officers of fire and rescue organizations.

Saturday (9:00 am - 4:00 pm) **Section #:** 244447 **Registration Fee:** \$54.00
Sunday (8:00 am - 3:00 pm)

MOBILE HOME FIRE RESPONSE

Message: Full Turnout Gear & SCBA Required.

For: All Fire and Rescue Service Personnel

Instructor: Mike Fredericks, Cedar Rapids Fire Department; John Robinson, Fairfield, IA; Craig Dirks, Cedar Rapids Fire Department; Marck Reyhons, Iowa City Fire Department; Steve Burch, Panora Fire Department; Rick Halleran, Cedar Rapids Fire Department; Scott Donohue, Tipton Fire Department.

Objective: Mobile homes can be found in nearly every community in Iowa. This two-day course will focus on pre-standard mobile homes and will 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.

Saturday (9:00 am - 4:00 pm) **Section #:** 244448 **Registration Fee:** \$64.00
Sunday (8:00 am - 3:00 pm)

IOWA CERTIFICATION REGIONAL EXAM

The Fire Service Training Bureau will offer the Fire Fighter I, II, and Fire Instruction 1 exams at the Kirkwood Environmental Training Center on Saturday, September 27, 2003 at 5:00 pm. 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 register or to receive an application packet, please contact the Fire Service Training Bureau, 888-469-2374. Fire Fighter 1 & 11 exams are based on the 1997 standard and the Essentials 4th 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 5, 2003.

EMERGENCY RESPONSE TO TERRORISM: TACTICAL CONSIDERATIONS – EMERGENCY MEDICAL SERVICES

EMS Credit Requested: Approved for EMS, hours TBD

Prerequisite: Emergency Response to Terrorism: Basic Concepts

For: All Fire, EMS and Rescue Personnel

Instructor: Fire Service Training Bureau Staff

Objective: This course is designed for first-on-the-scene responding EMS personnel with the responsibility to render patient care to victims of terrorism incidents. The students will be trained in security considerations, identifying signs of terrorism, anticipating unusual response circumstances, assessing information, and initiating self-protection actions. They will apply their knowledge about responding to a terrorism event, providing patient care, identifying and preserving evidence, managing site safety, documenting the event, and debriefing personnel.

Saturday (9:00 am - 5:00 pm) **Section #:** 244444 **Registration Fee:** \$44.00
Sunday (8:00 am - 4:00 pm)

FARMEDIC TRAINING FOR RURAL COMMUNITIES

EMS Requested: Approved for EMS, hours TBD

Message: Full Turnout Gear & Helmet Required.

For: All Fire, EMS and Rescue Service Personnel

Instructor(s): Jeff Mitchell, EMT-I, EMS Coordinator for Veterans Memorial Hospital, Waukon, Iowa; Ron Leas, EMT-B, FF II, Farmedic Instructor, Waterville Fire and Rescue; Gene Leiran, EMT-B, ERT, FF II, Waterville Fire and Rescue; Dave Cota, EMT-B, Ert, FF II, Harpers Ferry Fire and Rescue

Objective: This course will provide Rescue and EMS Personnel the ability to identify farming hazards, understand the importance of proceeding with caution in rescue operations, safely conduct farm accident rescue, and realize the importance of preplanning. The three main goals of the Farmedic Provider Course in farm rescue are: 1) reduce death and injury from farm accidents; 2) reduce the probability of injury or death due to the rescuers; 3) enhance awareness and cooperation between agricultural, fire, rescue and EMS communities.

Saturday (9:00 am - 5:00 pm) **Section #:** 244445 **Registration Fee:** \$100.00
Sunday (8:00 am - 5:00 pm)

FIRE GROUND PUMP OPERATIONS

Message: Full Turnout Gear and helmet, second day ONLY.

For: All Fire and Rescue Service Personnel

Instructor(s): Ron Luckerth, Cedar Rapids Fire Department

Objective: Basic principles of operating a fire department pumper will be emphasized. Topics covered will include: the 5 steps of pump operation; pumping from a hydrant and at draft; friction loss calculations, relay pumping, and pumper placement for tanker shuttle. The class will include a hands-on demonstration using a pumper.

Saturday (9:00 am - 4:00 pm) **Section #:** 244446 **Registration Fee:** \$64.00
Sunday (8:00 am - 3:00 pm)

LEARNING SEMINARS

ACUTE TRAUMATIC STRESS MANAGEMENT: FOR THE FIRST RESPONDER

EMS Credit Requested: Approved for EMS, hours TBD

For: All Fire, EMS and Rescue Service Personnel

Instructor: Lisa LaDue, MSW, LISW

Objective: When people experience traumatic events, we address their physical and safety needs. We consider the mechanism of injury, evaluate levels of responsiveness, and assess airway, breathing and circulation. As emergency responders, our primary goals are the stabilization of illness and injury – and ultimately the preservation of life. This course will take a look at the signs and symptoms of Acute Traumatic Stress and how to manage them. By reaching people early, during traumatic exposure, we may ultimately prevent traumatic stress reactions from becoming chronic stress disorders.

Saturday (9:00 - 12:00 pm) **Section #:** 244400 **Registration Fee:** \$20.00

BASIC BOMB RECOGNITION

For: All Fire, EMS and Rescue Service Personnel

Instructor: Jeff Faircloth, Cedar Rapids Police Department

Objective: This course is designed to provide Fire, Rescue and Emergency Medical Services personnel with a guidance when responding to incidents involving explosions, explosives, and bomb threats.

Saturday (1:00 - 4:00 pm) **Section #:** 244401 **Registration Fee:** \$15.00

BIOTERRORISM: AGENTS AND RESPONSE

EMS Credit Requested: Approved for EMS, hours TBD

For: All Fire, EMS and Rescue Service Personnel

Instructor: Cynthia Root, Kirkwood Community College, Cedar Rapids, IA

Objective: Terrorists use biological weapons because they can be effective in small quantities, deployed with little chance of detection, and take time to diagnose and differentiate from natural occurring events. The Center for Disease Control (CDC) has evaluated the myriad of potential bioterrorism microorganisms with respect to their ease of production, storability, transportability and dissemination. As a result the CDC has categorized 28 organisms into 3 groups based on their availability and potential to impact public health. These biological agents include bacteria, plants and viruses that are capable of causing infection or producing a toxin that is harmful to humans, animals or plants. By focusing on seven of these biological agents; Bacillus anthracis, Variola major, Francisella tularensis, Yersinia pestis, Clostridium botulinum, Staphylococcus aureus, and Salmonella enteritidis; the different exposure routes, emergency response requirements, personal protection needs, long and short term health impacts and fatality rates can be examined.

Saturday (1:00 - 3:00 pm) **Section #:** 244402 **Registration Fee:** \$15.00

DOMESTIC ABUSE

EMS Credit Requested: Approved for EMS, hours TBD

For: All Fire, EMS and Rescue Service Personnel

Instructor: Kristie Fortmann Doser, Domestic Violence Intervention Program

Objective: This course takes a look at domestic violence in Eastern Iowa. Learn how to interact with patients in domestic emergencies. Also discusses available resources for domestic abuse victims.

Saturday (9:00 - 10:30 am) **Section #:** 244403 **Registration Fee:** \$20.00

EMERGENCY RESPONSE REFRESHER

EMS Credit Requested: Approved for EMS, hours TBD

For: All Fire, EMS and Rescue Personnel

Instructor(s): Don Ransford, Cedar Rapids Fire Department and Phil Slingluff, Cedar Rapids Fire Department

Objective: This course is the annual refresher to Emergency Response course (29 CFR 1910.120). Fulfills the requirement for both technician and operation level personnel.

Sunday (8:00 am - 11:00 am) **Section #:** 244404 **Registration Fee:** \$20.00

EMERGENCY RESPONSE TO TERRORISM: SELF-STUDY

For: All Fire, Emergency Medical, Hazmat, Incident Command and Law Enforcement Responder

Instructor: Fire Service Training Bureau Staff

Objective: This course is a self-paced, paper-based document and is designed to provide the basic awareness training to prepare first responders to respond to incidents of terrorism safely and effectively. Students who successfully complete the exam will be eligible for a FEMA/BJA certificate of completion.

Saturday (9:00 - 12:00 pm) **Section #:** 244405 **Registration Fee:** \$15.00

FIRE OFFICER ROUNDTABLE

For: All Fire Chiefs and Training Officers

Instructor: Bob Downs, Kirkwood Community College, Cedar Rapids, IA

Objective: Class is designed to bring the new or not so new officer up to speed with what other departments are doing to keep firefighters involved, getting firefighters trained, recruitment ideas will be shared. How are we reacting to the minimum training standard that is recommended? We also will discuss what a local fire chief must do to completely do his duty. This will be a sharing class so be ready to discuss what your department is doing, or not doing, we will just facilitate.

Saturday (1:00 - 4:00 pm) **Section #:** 244406 **Registration Fee:** \$15.00

BASIC FIREFIGHTING

Message: Full Turnout Gear & SCBA Required.

For: All Fire and Rescue Service Personnel

Instructor: Randy Zbanek, Ely Fire Department; John Zlabek, Walker Fire Department; KC Waychoff, Eastern Iowa Airport Police & Fire Safety; Roger Berry, Indianola Fire Department, Indianola, Iowa

Objective: This course covers the necessary skills for basic firefighting operations. Designed for the individual who does not wish to achieve Firefighter 1 certification. The course includes a blend of lecture with the majority of class time focused on practical skills and competency. Topics include: orientation and communication, firefighter safety, fire behavior, breathing apparatus, ladders, hose and nozzles, water supply, fire extinguishers, ventilation, salvage and overhaul, rescue and fire control.

Saturday (9:00 am - 4:00 pm) **Section #:** 244442 **Registration Fee:** \$64.00

Sunday (8:00 am - 3:00 pm)

BASIC ROPE RESCUE - SKILLS PROFICIENCY

EMS Credit Requested: Approved for EMS, hours TBD

Message: Participants are required to furnish approved helmet (fire helmet OK), leather palmed gloves, and hiking boots or tennis shoes. Students may also bring their own UL, ANSI, FM, or NFPA approved harnesses.

For: All Fire and Rescue Service Personnel

Instructor: Robert Patterson, Verti-Tech Rescue, Inc. Mankato, MN; Jim Whitaker, Burlington Fire Department; Aaron Whitaker, Davenport Fire Department

Objective: A hands-on, two-day course providing the students with opportunities to practice, practice, practice. For those students from previous classes who did not get enough "hang time", here's your opportunity. First time students will get an intensive hands-on introduction to basic skills and equipment. This class will cover a minimum of classroom work and spend the majority of time working with on-line techniques on the training tower. Students will have the opportunity to work with rigging, lowering systems, raising systems, single rescuer rappelling rescues, and rope ascending. The participant will be expected to work on line suspended from heights above fifty feet. A knowledge of the figure 8 family of knots and rescue systems techniques will enhance the student's learning experience. The techniques presented in this class will prepare the student for the Rapid Intervention Team, Confined Space Rescue, and Advance Rope Rescue classes.

Saturday (9:00 am - 4:00 pm) **Section #:** 244443 **Registration Fee:** \$64.00

Sunday (8:00 am - 3:00 pm)



TWO DAY CLASSES (Lunch included in Registration Fee)

ADVANCED VEHICLE EXTRICATION

EMS Credit Requested: Approved for EMS, hours TBD

Message: Full Turnout Gear & SCBA Required.

For: All Fire, EMS and Rescue Personnel

Instructor: Phil High, Cutting Edge Rescue and Staff

Objective: This course emphasizes on the challenge of auto extrication at the advanced level. Classroom and practical hands on exercises will cover the numerous areas of the hydraulic rescue tools specifications, care, operation, and techniques used in today's fire service. Several practical exercises will provide automobiles with damage so to allow the participant to enhance their problem solving skills and proper hydraulic tool placement for efficient extrication operations.

Saturday (9:00 am - 4:00 pm) **Section #:** 244440 **Registration Fee:** \$64.00

Sunday (8:00 am - 3:00 pm)

BASIC FIRE INVESTIGATION "Hands On"

Message: Full bunker gear, gloves, (disposable) camera, flashlight and equipment to dig out a fire scene.

For: All Fire, EMS and Rescue Personnel

Instructor: Rick Boots, Assistant Fire Chief, Marion Fire Department; Jim Thiele, Special Agent, State Fire Marshal's Office; Dennis Chapman, Department of Criminal Investigation, Des Moines, IA; Alan Brockhohn, Fire Investigator, Cedar Rapids Fire Department, Steve O'Brien, DCI

Objective: This course will discuss the knowledge and skill necessary to determine origin and cause of fires whether accidental or incendiary on-scene investigation of a live burn. Students will participate in determining the cause and origin of an actual fire scene.

Saturday (9:00 am - 4:00 pm) **Section #:** 244441 **Registration Fee:** \$64.00

Sunday (8:00 am - 3:00 pm)



FIRE STREAMS & HOSE HANDLING

For: All Fire and Rescue Personnel

Instructor: Tom Mackey, Cedar Rapids Fire Department

Objective: Fire Streams: Stream patterns are reviewed along with life-saving information on the types of conditions appropriate for each type of stream setting. The right nozzle setting, especially on interior attack, can mean the difference between a successful fire fight or your own injury! Hose Handling: Safety is of the utmost priority whenever firefighters are using hoses. Wild hose lines can cause considerable damage and can be deadly. This course will discuss correct procedures in using 1 1/2, 13/4 and 2 1/2 Inch hose lines. How to store, dry and inspect hose lines shall also be discussed.

Saturday (9:00 - 12:00 pm) **Section #:** 244409 **Registration Fee:** \$20.00

IOWA EMS UPDATE

EMS Requested: Approved for EMS, hours TBD

For: All Fire and EMS Service Personnel

Instructor: Ray Jones, Iowa Department of EMS

Objective: Many new proposals, legislation and actions have taken place directly affecting EMS providers and managers in Iowa. This session will inform you about current bureau of EMS initiatives, allowing ample time for questions, answers and comments. In addition to learning new initiatives and administrative rules you will gain knowledge of Iowa's disaster preparedness plan, results of the New System Development Grant process and use of the Bureau's web page.

Saturday (9:00 am - 12:00 pm) **Section #:** 244410 **Tuition:** \$20.00

LADDERS, ROPES and KNOTS

For: All Fire and Rescue Personnel

Instructor: Tom Mackey, Cedar Rapids Fire Department

Objective: Practical skills involved with inspecting, carrying and erecting portable ladders, including correct climbing methods. Preventing back and fall injuries shall also be discussed. The knot tying portion of the class is designed for those firefighters that want to take FFI or II SKILLS test but are afraid of those darn Knots. Lots of practice time will be allowed. Be a good review for those who are all ready certified but haven't tied knots for a while.

Saturday (1:00 - 4:00 pm) **Section #:** 244411 **Registration Fee:** \$20.00



ONE DAY CLASSES (Lunch included in Registration Fee)

BASIC SCBA AND SEARCH & RESCUE TRAINING

Message: Full Turnout Gear & SCBA Required.

For: All Fire and Rescue Service Personnel

Instructor(s): Dubuque County Firefighter's Association

Objective: After completing this course the student will be able to safely use, clean, recharge, inspect and store a SCBA. The student will be able to list physical, mental, and medical factors that effect the firefighter's ability to use the SCBA, describe the equipment and air supply limitations. The student will also correctly don and use the SCBA and refill the SCBA from a Cascade System. In addition the student will learn Search and Rescue techniques. Too many firefighter's lives are lost when searching for civilians and/or other firefighters. The participant should have a better understanding of how to complete the search, perform a successful rescue, and return safely.

Saturday (9:00 am - 4:00 pm) **Section #:** 244420 **Registration Fee:** \$37.00

Sunday (8:00 am - 3:00 pm) **Section #:** 244460 **Registration Fee:** \$37.00

BUILDING CONSTRUCTION: WHAT A SURPRISE!!!

For: All Fire, EMS and Rescue Personnel

Instructor(s): Dennis Correll, Faribault, MN

Objective: Ok, you get a fire call, you see the smoke and flames, you park right in front, and you are ready to go in. But do you really know what's inside waiting for you? Maybe the building has been remodeled. Maybe it was a cheap contractor with lots of short cuts. Were the building codes followed? Was the building ever inspected? HOW WELL WAS IT PUT TOGETHER? In this class we address these questions by: Looking at how buildings are suppose to be built. What the codes says. Comparing different types of materials and construction. We will discuss the different types of roofs, and look at the new technology of tomorrow. The building industry is moving to a new century, the question is whether the fire service will be ready for it.

Sunday (8:00 am - 3:00 pm) **Section #:** 244461 **Registration Fee:** \$27.00

DISASTERVILLE INCIDENT MANAGEMENT

EMS Requested: Approved for EMS continuing education, hrs. TBD

For: All Fire, EMS, and Rescue Service Personnel

Instructor: Tim Beach, Battalion Chief, Minot Fire Department, North Dakota

Objective: Something bad is always happening in Disasterville and the emergency responders get lots of practice. This class combines a short presentation on Incident Command with hours of on-your-feet involvement around a 6 x16-foot model city. Students play the roles of agency commanders and emergency responders, working together to manage the various incidents. Radio communications, unified command, and strategy & tactics all come together in this student-involvement course.

Saturday (9:00 am - 4:00 pm) **Section #:** 244432 **Registration Fee:** \$47.00

Sunday (8:00 am - 3:00 pm) **Section #:** 244470 **Registration Fee:** \$47.00

SEARCH AND RECOVERY OF A DISASTER SITE

Message: Dress for weather conditions. There will be an outdoor exercise.

For: All Fire, EMS, and Rescue Service Personnel

Instructor: Deb Krebill, Captain, Fire Prevention, Marion Fire Department

Objective: We now live in a world with many types of disasters: earthquakes, tornadoes, airline crashes, train crashes, multi-casualty traffic accidents, mass suicide, terrorist attacks, etc. Do we all know what is expected of us as firefighters and EMS if a major disaster with mass fatalities happened here in Eastern Iowa? After our priorities: the treatment, safe removal, and transportation of the injured to proper medical facilities, restoring and maintaining order; we must then assist with the public health factors, the preservation of evidence and assisting with the gathering of the evidence. We have unusual responsibilities thrust upon us and our community. Who does everyone turn to in disaster? US! We must know what to do and when. We must be timely, efficient, and effective throughout the entire incident and our professionalism will be put to the test.

Saturday (9:00 am - 4:00 pm) **Section #:** 244430 **Registration Fee:** \$37.00

VEHICLE EXTRICATION: BASIC APPLICATION

EMS Credit Requested: Approved for EMS, hours TBD

Message: Full Turnout Gear, helmet and safety glasses required.

For: All Fire, EMS, and Rescue Service Personnel

Instructor: Bob Sandry, Sandry Fire Supply, DeWitt, IA

Objective: 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.

Saturday (9:00 am - 4:00 pm) **Section #:** 244431 **Registration Fee:** \$47.00

VEHICLE EXTRICATION: SCENARIOS

EMS Credit Requested: Approved for EMS, hours TBD

Message: Full Turnout Gear, helmet and safety glasses required.

For: All Fire, EMS, and Rescue Service Personnel

Instructor: Bob Sandry, Sandry Fire Supply, DeWitt, IA

Objective: This course will stress problem solving, teamwork and team building. This one-day hands on scenario-based vehicle rescue program will require the student to work through several different and more complex scenarios. This course will be demanding, students must have completed a Basic Auto Extrication program and also have a good working knowledge of rescue equipment.

Sunday (8:00 am - 3:00 pm) **Section #:** 244469 **Registration Fee:** \$47.00

MOBILE FLASHOVER TRAINING UNIT

Message: Full Turnout Gear and SCBA required.

For: All Fire and Rescue Service Personnel

Instructor: Staff, Customized Firefighter Training, Graettinger, IA

Objective: The Flashover Unit allows Firefighters the opportunity to see, look for and learn to recognize the pre-flashover conditions. The Firefighter will see and experience real fire that will follow the realworld time temperature curve, not some computerized controlled propane simulation. It is extremely important that Firefighters not only appreciate the limits of their protective gear but to experience the fully developed fire, dense smoke, high heat, and rollover-the warning signs of flashover, all of which are present in the unit. Must be trained to the Fire Fighter 1 level and have approval from your fire chief in order to participate.

Saturday (9:00 am - 4:00 pm) **Section #:** 244427 **Registration Fee:** \$57.00

Sunday (8:00 am - 3:00 pm) **Section #:** 244467 **Registration Fee:** \$57.00

PREPARING FOR TERROR IN SMALL – LARGE COMMUNITIES

For: All Fire, EMS, and Rescue Service Personnel

Instructor: Dan Healy, Marion Police Department

Objective: If you prepare for the big one, small ones come easy. Can you recognize targets in your Community, Schools, Government, Transportation, Communication, Energy, Agriculture, etc? Have a plan and be ready. Work together to develop resources and know how to obtain the funding needed.

Saturday (9:00 am - 4:00 pm) **Section #:** 244428 **Registration Fee:** \$27.00

RAPID V.E.S.S.

Message: Classroom only. No PPE needed.

For: All Fire, EMS, and Rescue Service Personnel

Instructor: Dean Tope, Lt., Nevada Fire & EMS, Nevada, Iowa; Fred Malven, Division Chief EMS, Nevada Fire & EMS, Nevada, Iowa

Objective: This course focuses on "Support Operations," the specialized activities other than command and water applications needed to support safe, aggressive and efficient fire attack. It provides some theory, lots of tools, stresses teamwork, and techniques on operations such as Ventilation, Entry, Searching of fire (Overhaul) and Searching for people. (V.E.S.S.) This class stresses the importance of speed and efficiency in these operations.

Saturday (9:00 am - 4:00 pm) **Section #:** 244429 **Registration Fee:** \$27.00

Sunday (8:00 am - 3:00 pm) **Section #:** 244468 **Registration Fee:** \$27.00

EMERGENCY RESPONSE OPERATIONS LEVEL

EMS Credit Requested: Approved for EMS, hours TBD

For: All Fire, EMS and Rescue Personnel

Instructor(s): Don Ransford and Phil Slingluff Cedar Rapids Fire Department

Objective: First Responders at the Operations Level respond defensively to release or potential releases of hazardous substance to protect nearby persons, property or the environment. They are trained to contain the release from a safe distance, Keep it from spreading and prevent exposure.

Saturday (9:00 am - 4:00 pm) **Section #:** 244421 **Registration Fee:** \$37.00

EMS SUPPORT OPERATIONS - FIRST RESPONDER AFTER THE INITIAL RESPONSE:

EMS Credit Requested: Approved for EMS, hours TBD

For: All Fire, EMS and Rescue Personnel

Instructor(s): Tracy Tope (EMT-B), Procurement Officer, Nevada Fire/EMS, Nevada IA; Jennifer Filipiak (EMT-PS) Nevada Fire / EMS, Nevada IA

Objective: What is the EMS "first responders" role after the ambulance has arrived and assumed primary responsibility for patient care? Simple. Everything else! This course will focus on the many and varied responsibilities EMS responders can assume at emergencies. It will explain the concept of "emergency support operations" and how to apply its principles to emergency scenes of all types. Emergency medical scene issues will include scene safety and hazard control, supplementary patient services, emergency scene lighting and coordination of patient movement. Attention will also be given to EMS support services at non-medical emergencies, including canteen and "rehab" services for fire, haz-mat, rescue, and law enforcement scenes, medical monitoring of personnel, coordination of scene safety, lighting, air supply (refills & bottle changes), and management of accountability systems. Essentially everything your fire personnel doesn't have the time or manpower to do.

Saturday (9:00 am - 4:00 pm) **Section #:** 244422 **Registration Fee:** \$37.00

Sunday (8:00 am - 3:00 pm) **Section #:** 244462 **Registration Fee:** \$37.00

FARMEDIC RECERTIFICATION

EMS Credit Requested: Approved for EMS, hours TBD

Message: Full Turnout Gear & helmet. Required.

For: All Fire, EMS and Rescue Personnel currently certified in the FARMEDIC 16 Hr Program

Instructor: Jeff Mitchell, EMT-I, EMS Coordinator for Veterans Memorial Hospital, Waukon, Iowa; Ron Leas, EMT-B, FF II, Farmedic Instructor, Waterville Fire and Rescue; Gene Leiran, EMT-B, ERT, FF II, Waterville Fire and Rescue; Dave Cota, EMT-B, Ert, FF II, Harpers Ferry Fire and Rescue

Objective: The class will review preplanning strategies, safety, treatment and updating on new concepts in farm rescue. The majority of the day will be hands-on, working with machinery and performing extrication and treatment of the victims.

Saturday (9:00 am - 4:00 pm) **Section #:** 244423 **Registration Fee:** \$57.00

FIGHTING FIRE WITH FOAM

Message: Full Turnout Gear and SCBA required.

For: All Fire and Rescue Personnel

Instructor: Ken Kendrick, Task Force Tips, Central Regional Office, Golden, CO

Objective: This class will explore both Class A and B Foam applications. Students will learn the differences in foams, proper use of foam equipment such as foam educators, proportioners, and foam nozzles, as well as application techniques and tactics. This class features table top demonstrations of current foam concentrates and is designed to give fire fighters a basic understanding of their equipment and how to achieve more effective control and extinguishment of fires involving ordinary combustibles and flammable liquids. First half is classroom. Second half is practical applications.

Saturday (9:00 am - 4:00 pm) **Section #:** 244424 **Registration Fee:** \$47.00

Sunday (8:00 am - 3:00 pm) **Section #:** 244463 **Registration Fee:** \$47.00

GROUND LEVEL ENTRY

Message: Full Turnout Gear and SCBA required.

For: All Fire and Rescue Service Personnel will basic knowledge and experience in safety, fire behavior, PPE, fire hose, appliances, streamlines and ventilation.

Instructor: Fire Service Training Bureau Staff

Objective: In the Interior Fire Attack course students will gain an understanding of the stages of fire in structures and the use of the Iowa Rate-of-Flow formula to determine the amount of water required to extinguish an interior fire. The basic principles of ventilation and the methods of proper water application using hand lines will also be covered in the classroom portion. Students will put their knowledge to use in the Fire Service Training Bureau's two-story Mobile Fire Training Trailer. The trailer will simulate conditions encountered in actual interior structure fires. Some of the evolutions students may experience include simulated roll-over, basement attack, and upper level attack. Students may also practice ventilation and ladders skills.

Saturday (9:00 am - 4:00 pm) **Section #:** 244425 **Registration Fee:** \$37.00

HONOR GUARD PROCEDURES

For: All Fire and EMS Service Personnel

Instructor: John Pulver, Fire Administrative District Chief, Cedar Rapids Fire Department

Objective: This will be a "hands on" class where the students will learn how to organize an Honor Guard at funerals, visitations, memorial services, etc. This will include "hands on" review where the students will learn basic drill movements and participate in practicing for specific events. We will walk through as if we were reviewing for an event. We will also introduce the use of ceremonial axes, pike poles, bells and bagpipes. The students in this class will be introduced to a lot of detail.

Sunday (8:00 am - 3:00 pm) **Section #:** 244464 **Registration Fee:** \$27.00

JUVENILE FIRESETTER INTERVENTION WORKSHOP

For: All Fire and EMS Service Personnel

Instructor: Jim Plunkett, Bureau of Public Education, Lombard Fire Department, Lombard, IL

Objective: Juvenile firesetting is on the rise in Iowa! A planned and coordinated effort on the part of the fire service and human service organizations is the best way to reduce juvenile involvement in firesetting and arson and to protect and preserve lives and properties in our community. This juvenile fire intervention workshop will provide fire service personnel with the building blocks essential to constructing a successful program. Fire educators, fire prevention specialists, arson investigators, juvenile firesetter program managers, interviewers, educators, firefighters and team members will all find this information useful.

Sunday (8:00 am - 3:00 pm) **Section #:** 244465 **Registration Fee:** \$27.00

LADDER ENTRY

Message: Full Turnout Gear and SCBA required.

For: All Fire and Rescue Service Personnel will basic knowledge and experience in safety, fire behavior, PPE, fire hose, appliances, streamlines and ventilation.

Instructor: Fire Service Training Bureau Staff

Objective: In the Ladder Entry course students will gain information and practice the skills required to enter structures using ladders. The basic principles of ladder usage, water application, and ventilation will be reviewed. The class will practice correct ladder usage, advancing hose, fire attacks, and communications between working teams with the incident commander. Students will put their knowledge to use in the Fire Service Training Bureau's two-story Mobile Fire Training Trailer. The trailer will simulate conditions encountered in actual interior structure fires. Some of the evolutions the student may experience include second story entrance into a structure, fire attacks on either level, ventilation and communication skills. Accountability and Incident Management principles will be used during the simulations.

Sunday (8:00 am - 3:00 pm) **Section #:** 244466 **Registration Fee:** \$37.00

METH LAB AWARENESS AND OTHER SURPRISES

EMS Credit Requested: Approved for EMS, hours TBD

Message: For: All Fire and Rescue Service Personnel

Instructor: Dennis Correll, Faribault, MN

Objective: To be the first on a fire scene, could mean that you are the first one exposed to the hazardous chemicals of a methamphetamine lab. Did you protect yourself? Did you tell everyone else about the possibility? If you don't inform them are you liable? In this course we will look at meth labs and what makes them, how the chemicals are used, and what to look for. Then we will look at some different types of devices that have been used to hurt and even kill drug counter parts in an effort to control the local drug market. We do this in an attempt to make you safer should you ever encounter one of these situations. In an attempt to help the communication between Firefighters and Law Enforcement Officers all are welcome.

Saturday (9:00 am - 4:00 pm) **Section #:** 244426 **Registration Fee:** \$37.00