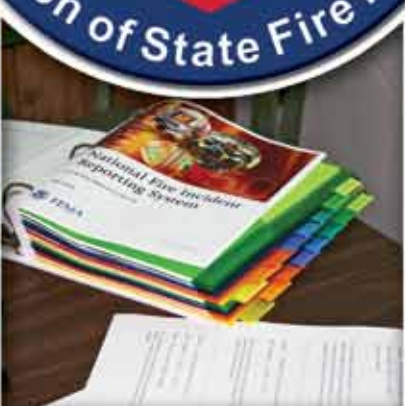


88th Annual **STATE FIRE SCHOOL**



February 24-26, 2012



Fire Service Training Bureau Staff

The Fire Service Training Bureau staff welcomes everyone to the 88th Annual State Fire School.

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Welcome

to the

88th Annual State Fire School



On behalf of the Fire Service Training Bureau staff, I extend to you a special welcome to our 88th Annual State Fire School. This annual event will now include our Rescue Skills Weekend, along with additional hands-on training.

We hope you will take this opportunity to learn from some of the best instructors in Iowa, and across the nation. You are also invited to visit with the many exhibitors showcasing a variety of emergency services products and equipment.

This is an exciting time for the Bureau staff as we continue our efforts in building and strengthening our programs, while striving to achieve our mission of quality training and education for Iowa's fire and emergency services.

We look forward to seeing you here in Ames as you participate in the valuable learning experience of the Annual State Fire School, and hope that you will return again for this experience.

Randal E. Novak, Bureau Chief
Fire Service Training Bureau

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Check out our website for Certification Exam Schedule Updates,
Course Offerings and Announcements.

www.dps.state.ia.us/fm/fstb

The Fire Service Training Bureau produced this document in house. The printing of this document was funded from FSTB earned income. No state tax dollars were used.

| Schedule |

Friday, February 24

Registration 12:00 noon
Pre-Fire School Workshops 2:00 pm
Pre-Fire School Workshops 6:00 pm

Saturday, February 25

Registration at Scheman 7:30 am
Classes 8:30 am
Lunch 11:30 am
Resume Classes 12:30 pm
Fellowship Hour 3:30 - 4:30 pm
Special Presentation 4:45 pm - closing

Sunday, February 26

Registration 8:00 am
Classes 8:30 am
Lunch 11:30 am
Resume Classes 12:30 pm
Close..... 3:30 pm

Please note: Registration for all classes will take place at Scheman. Lunch will be served at all of the locations where classes are held. All classes (except Fire Officer I and Instructor I) will be recessed at 3:30 pm. We encourage all participants to return to Scheman after classes for the Fellowship Hour to network and visit with vendors before the Special Presentation by guest speaker Dan Madrzykowski, Fire Protection Engineer with the National Institute of Standards and Technology.

General Information

Location and Parking

Fire School classes will be conducted at three different venues, but **registration for ALL classes will be at the Scheman Building.** Class locations will be included on the registration confirmation.

These venues are:

1. Fire Service Training Bureau

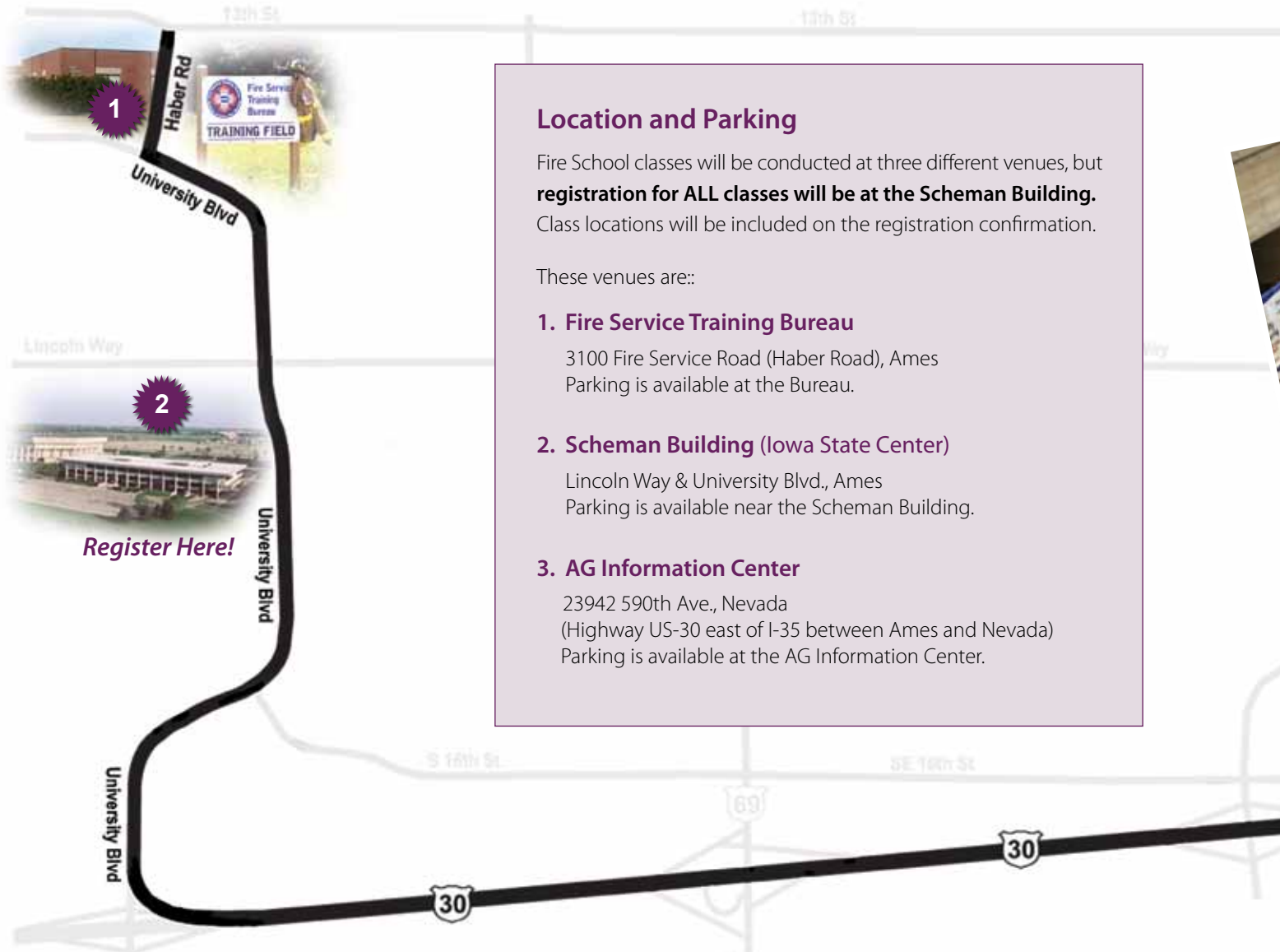
3100 Fire Service Road (Haber Road), Ames
Parking is available at the Bureau.

2. Scheman Building (Iowa State Center)

Lincoln Way & University Blvd., Ames
Parking is available near the Scheman Building.

3. AG Information Center

23942 590th Ave., Nevada
(Highway US-30 east of I-35 between Ames and Nevada)
Parking is available at the AG Information Center.



The Iowa Fire Service Bookstore

Educational materials from Fire Protection Publications/IFSTA, NFPA, Fire Engineering, Delmar, Jones & Bartlett, Brady and the Fire Service Training Bureau are always available by direct mail order services at the Bureau. Stop by the booth and pick up FREE catalogs. Take the opportunity to look at the merchandise and take it home with you that day, or call us with your order at our toll-free number 888-469-2374.

We are offering a 10% discount on the purchase of any books during the Annual State Fire School. Purchases may be made with credit cards, checks, cash, or charged to fire departments.

Remember, all proceeds from the purchase of educational materials at the IFSB stay in the Iowa fire service so that the benefit of guidance and information about firefighter safety, effective fire prevention and protection, and many other services may continue to be provided to individuals and fire departments.

Look for the ISFB booth at other Regional Fire Schools throughout the state.



888-469-2374 or 515-294-6817



Fire School Exhibits

There will be an indoor display of fire service related equipment and services in the 1st and 2nd floor lobbies of the Scheman Building, as well as at the Ag Information Center. The organizations that represent your interests will be present to answer your questions and provide assistance to you and your department. You will have an opportunity to visit these booths before class, during breaks, lunch, and during the Saturday afternoon Fellowship Hour. The Fellowship Hour is sponsored by the Fire School Exhibitors and will be held Saturday afternoon from 3:30 pm until 4:30 pm. Drawings for items supplied by the Exhibitors as well as two free trips to the 89th Annual State Fire School will be held during this time. **You must be present to win.**

Exhibit Hours: Saturday 7:30 am – 4:30 pm
 Sunday 7:30 am – 1:00 pm

Lodging

Reservations for lodging should be made with the hotel directly. For a list of Hotels in the Ames area contact the Ames Convention & Visitors Bureau at 800-288-7470 or 515-232-4032, or visit their website: **www.visitames.com**

Lunch

Lunch is included in the registration fee and will be available to participants at all locations on both Saturday and Sunday.



590th Ave

Certification Examinations

Certification tests will be given on Saturday, February 25th at 6:00 pm at the Fire Service Training Bureau.

Written and skill examinations will be given for:

- Fire Fighter I and Fire Fighter II

Written examinations will be given for:

- Hazardous Materials Awareness
- Hazardous Materials Operations
- Driver/Operator: Pumping Apparatus
- Driver/Operator: Aerial Apparatus
- Instructor I
- Fire Officer I and Fire Officer II

To register for exams, retakes, or to receive an application for testing, contact the Fire Service Training Bureau 888-469-2374. Early registration is encouraged to ensure your place at the test site. Applications will be accepted in the order received. Applications must be received at the Fire Service Training Bureau by February 4, 2012. No walk-ins will be accepted.

Certification questions should be directed to John McPhee, Certification/Accreditation Manager, Fire Service Training Bureau at 888-469-2374 or by email: mcphee@dps.state.ia.us.

The Fire Service Training Bureau offers Certification for the following:

- Fire Fighter I
- Fire Fighter II
- Hazardous Materials Awareness
- Hazardous Materials Operations
- Instructor I
- Instructor II
- Driver Operator: Pumping Apparatus
- Driver Operator: Aerial Apparatus
- Fire Officer I
- Fire Officer II
- Fire Inspector I
- Fire Investigator

Age Disclaimer

Individuals under the age of 16 may not participate in the Annual State Fire School. Those 16 and 17 years of age may participate only in lecture classes, if accompanied by a registered adult department member. The adult department member must submit a written statement of responsibility to be approved by the Fire Service Training Bureau.

Americans With Disabilities

If you have special needs as addressed by the Americans With Disabilities Act, please contact the Fire Service Training Bureau at 888-469-2374. Reasonable efforts will be made to accommodate your needs.

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 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.

Health Warning

Certain programs presented 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 said programs. Please consult your physician regarding your participation, or the Fire Service Training Bureau concerning physical requirements of a particular course.

Inclement Weather Policy

The Fire Service Training Bureau recognizes that the safety of our participants is critical, so in the event of inclement weather there will be a voice message on the Bureau's toll free number explaining the status of the Annual State Fire School. That number is 888-469-2374. If you are unable to attend because of the weather, please call that number and leave a voice mail message. If a storm should hit during fire school, a decision on "early recess" will be made and communicated to all classrooms.

Liability Waiver and Release

The Fire Service Training Bureau will provide instruction in the courses the participant selects under the supervision of competent instructors. Some of the courses involve hands-on training that may subject participants to risk of injury. In consideration of being permitted to enroll in such courses, the participant acknowledges that he/she is aware of the risks associated with participation in such courses and is voluntarily agreeing to assume such risks. The 88th Annual State Fire School training (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 does not provide insurance coverage for injuries.

Notice of Non-Discrimination

The Fire Service Training Bureau does not discriminate on the basis of race, color, religion, national origin, ancestry, sex, age, disability or status as a disabled veteran or veteran of the Vietnam era.

Personal Protective Equipment Requirements

The following rules regarding personal protective equipment will apply for several hands-on classes. If "Personal Protective Equipment Requirements Apply" is indicated in the class description, students must provide the following equipment in order to participate. No exceptions will be made unless noted in the class description.

Personal Protective Equipment must include:

- Helmet (NFPA compliant)
- Protective Hood
- Coat with liner (NFPA compliant)
- Pants with liner (NFPA compliant)
Note: ¾ length boots are not approved in place of pants.
- Fire fighting boots
- Gloves (Cal OSHA or NFPA compliant)
- Self-Contained Breathing Apparatus with spare cylinder. *Note: Cylinders under current hydrostatic test will be refilled at no cost; however the Fire Service Training Bureau is unable to fill oxygen cylinders.*

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.

These Pre-Fire School Workshops will be provided at NO COST to the participants. Pre-registration is required.

201 Fri (2:00 – 5:00pm)



Wind Driven Fires in Structures

Daniel Madrzykowski, Fire Protection Engineer, National Institute of Standards and Technology

Wind speeds as low as 10 mph can turn a routine room and contents fire into a floor to ceiling fire storm. NIST, in conjunction with the Chicago Fire Department, the Fire Department of New York City, the Fire Protection Research Foundation, NYU Polytechnic Institute and the U.S. Fire Administration, has completed a study on wind driven fires. The study consisted of live fire experiments, in both the NIST Large Fire Laboratory and high rise structures, in an effort to better understand this phenomenon and to develop strategies and tactics that will enable firefighters to survive and fight fires under wind driven conditions. Tactics examined included the use of positive pressure ventilation (PPV), wind control devices (WCD) and external hose streams. Through the use of videos and data, this presentation will show how wind can impact the thermal environment within a structure. Wind driven LODDs in high-rises and in single family homes will be discussed. Many of the strategies for fighting wind driven fires have application to all residential structure fires. Significant support for this project was provided by the DHS/FEMA Assistance to Firefighters Grant Program.

Class Limit: Open



202 Fri (2:00 – 5:00pm)



Facial Hair in the Fire Service

Rich Rodewald, Drill Master, Council Bluffs Fire Department, and FSTB Field Instructor

Have you noticed more and more young firefighters are sporting facial hair? They love their goatees, pork chops sideburns, skinny beards, and the popular 24/7 five o'clock shadow. Many of these new additions to our fire service family are knowingly wearing facial hair in defiance of nationally recognized standards for SCBA usage. Others may simply be unaware of the rules that apply to wearing an SCBA. Fire department officers are sometimes faced with the choice of holding a firefighter out of an emergency scene or training evolution because of facial hair, or turning a blind eye to rules that are supposed to ensure firefighter health and safety, and thus enable the unsafe behavior. This workshop will answer the question of just how unsafe it is to have facial hair that interferes with the SCBA mask seal. Other key points will include: NFPA 1500 and OSHA 29 CFR 1910.134; conducting proper fit testing; the dangers of fire gases and smoke; and the liability and consequences of allowing firefighters to break facial hair rules.

Class Limit: 50

203 Fri (2:00 – 5:00pm)

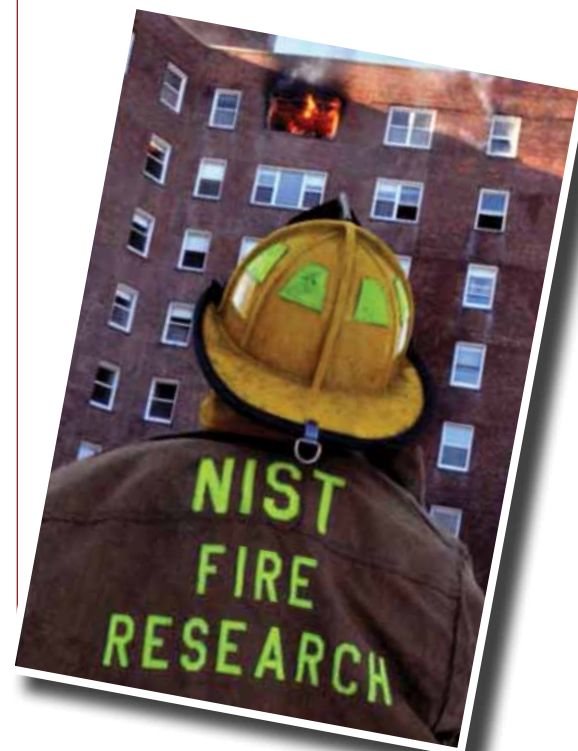


Updating Fireground Tactics: A Scientific Approach

Mike Cardwell, Assistant Chief, Urbandale Fire Department, and FSTB Field Instructor

Over the past several years, research organizations have published several significant studies related to the fire service. These studies have the potential of significantly altering the fire service's approach to structural firefighting. The purpose of this workshop is to expose the participants to these studies, their results, and specific changes departments can make to utilize this valuable information. You will have a chance to discuss some of these recent research reports from NIST and Underwriters Laboratories.

Class Limit: 24



204 Fri (2:00 – 5:00pm)

Strategic Planning and Tactical Firefighting Using the Royer/Nelson Rate-of-Flow Formula

George Oster, George Oster and Associates, LLC. (George had the privilege of working with the originators of the formula. He will offer unique insights into the formula's development and use.)

The Royer/Nelson Rate-of-Flow Formula (also called the "Iowa Formula") is a powerful tool to use in the strategic planning for your community. It can also be used for on-scene, tactical firefighting. This workshop looks at the formula from both perspectives, and will help your department and your community:

- Determine staffing, equipping, and strategic firefighting needs
- Design and deploy pumpers, tanker/tenders, and logistic support
- Base fire sprinkler ordinances on suppression capabilities
- Develop real application training evolutions and drills
- Define public perception on firefighting capabilities

Class Limit: 50

205 Fri (2:00 – 5:00pm)



Introduction to NFIRS Reports and the Iowa Fire Bridge Software

Alicia Ver Huel, Iowa NFIRS Program Manager, Fire Service Training Bureau

This workshop will go over the basic knowledge and skills for those individuals responsible for the management of their department's NFIRS reports, including the forms and descriptions, common errors, submissions, and basic uses for the information captured on the forms. This workshop will also introduce participants to the new online NFIRS software program – Iowa Fire Bridge from ImageTrend, which the State Fire Marshal's Office licensed for all Iowa based fire departments to use. This presentation will include how to set up the program at your department, how to enter data, and additional features of this software. Students will be in a computer lab for this hands-on training.

Class Limit: 30



206 Fri (6:00 – 8:00pm)

Iowa Plugged In: An Open Forum Discussion on the Fire Service in Iowa

Presenters: Mark English, Fire Chief, Cedar Rapids Fire Department (representing an urban fire department); John Schilling, Fire Chief, Cedar Falls Fire Department (representing a suburban fire department); and Duane Hendrickson, Fire Chief, Jewell Fire Department (representing a rural fire department)

Moderator: Randal E. Novak, Bureau Chief, Fire Service Training Bureau

Modeled on the "Bruno and Brennen Plugged In" sessions at FDIC, this general session workshop will provide attendees with the opportunity to hear Chief Officers (representing urban, suburban, and rural fire departments) discuss and debate some of the critical fire service issues of the day. From recruiting to staffing, strategy and tactics, safety and survival, these Chiefs will have a frank and open discussion on how these and other issues are addressed in their departments. The diversity of their fire departments will ensure a lively discussion. Attendees will be encouraged to participate in the "open mic" session, giving a "from the ground" perspective to these issues.

Class Limit: Open

The Fire Service Training Bureau is pleased to continue the tradition of training Iowa's firefighters at the 88th Annual State Fire School. We are sure that you will find a selection of classes that will meet your training needs. You will see a number of exciting NEW classes and some that have been UPDATED. They will be offered in the traditional 3 Hour Workshops, One Day Classes, and Two Day Classes format, with an additional Four Day Class offering and an additional Five Day Class offering. Please pay special attention to the class descriptions for information on length of class, what day(s) it will be offered, as well as protective equipment requirements and prerequisites.

EMS Continuing Education Hours

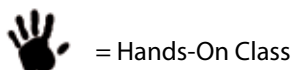
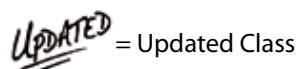
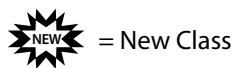
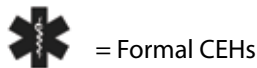
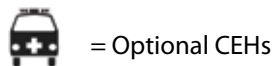
Optional Continuing Education Hours (CEH's) have been requested for the following classes:

- High Angle Rope Rescue
- Grain Bin Rescue
- Confined Space Rescue
- Trench Rescue
- Tractor Rollover/Combine Extrication
- Big Rig Rescue

Formal Continuing Education Hours (CEH's) have been requested for the following classes:

- Red Nose Rx: Laughter and Humor in EMS
- EMS Transitional Topics Part I
- EMS Transitional Topics Part II
- Ice Rescue

Look for these icons when you are selecting your classes:



Three Hour Workshops

These Three Hour Workshops will be offered on Saturday and Sunday (mornings and afternoons, repeated) during the Annual State Fire School:



207 Sat AM
208 Sun AM



Courage to Be Safe® Training

Richard Mason, Training and Education Director, National Fallen Firefighter Foundation

This provocative and moving presentation is designed to change the culture of accepting the loss of firefighters as a normal occurrence. Building on the untold story of LODD survivors, it reveals how family members must live with the consequences of a firefighter death and provides a focus on the need for firefighters and fire officers to change fundamental attitudes and behaviors in order to prevent line of duty deaths. The central theme of this workshop promotes the courage to do the right thing in order to protect yourself and other firefighters and ensure that "Everyone Goes Home" at the end of the day.

Class Limit: 30

209 Sat PM
210 Sun PM



Leadership, Accountability, Culture and Knowledge (LACK) Training

Richard Mason, Training and Education Director, National Fallen Firefighter Foundation

This workshop is designed to reach fire officers, training officers and chief officers and provide the opportunity to learn how Leadership, Accountability, Culture and Knowledge can guide them toward recognizing how they can improve both their own and/or their organizational skill set for what each letter represents (L.A.C.K.). While improving Leadership skills, recognizing the importance of Accountability, the impact of Culture, and the need for continuous Knowledge, the presenter utilizes the opportunity to introduce the blueprint for the Courage to Be Safe® 16 Firefighter Life Safety Initiatives into the personal and organizational improvement action plan.

Class Limit: 30



211 Sat AM
212 Sun AM

Nursing Home Fire Response: Egress, Alarms and Sprinklers...Oh MY!

Branden Sobaski, Iowa City Fire Department

Nursing homes and similar assisted living health care facilities are visited frequently for medical calls. But are we ready to respond to a fire at these facilities? Anything more than just another false alarm? Will you know how to operate and manage the sprinkler system? This program will review past nursing home fire incidents nationwide, review possible alarm and fire suppression system set-ups, and discuss preplanning and response. We will also review prevention techniques for these types of facilities and their occupants.

Class Limit: 40



213 Sat PM
214 Sun PM



We Are All on the Same Team: Gender in the Fire Service

Tina McDermott, Lieutenant, Iowa City Fire Department

Let's be honest, men and women are different, but we can all work together. This workshop will openly discuss gender differences in communication, problem solving, and leadership. A forum-style classroom will allow participants to share ideas and ask questions concerning issues department members are facing. Not just for women, all are encouraged to attend, including seasoned and new firefighters, officers, and those looking to move up the ranks.

Class Limit: 25

215 Sat AM
216 Sun AM



Attacking Day-to-Day Operations: A Field Guide for Individual Success

Rick Steines, Assistant Fire Chief, Dubuque Fire Department, and FSTB Field Instructor

This workshop provides a guideline to attack not only fires, but every facet of your fire department operation. From new firefighters to veteran chiefs, operating with six simple principles in mind can improve your performance and give direction to what you do. You will leave this workshop armed with an easy-to-use guide to make your fire department the best it can be.

Class Limit: 50

217 Sat PM
218 Sun PM



Red Nose Rx: Laughter and Humor in EMS

Marion Valero-Lehman, EMS Training Officer, Redfield EMS, and FSTB Field Instructor

Come have some fun at this workshop as you learn to use laughter and humor while caring for patients in EMS or Health Care settings. You will learn the difference between humor and laughter and the psychological phenomenon, the four components of wellness, the four theories of humor in the wellness paradigm, and the various physiological benefits of humor. Get ready to laugh!

Class Limit: 25

EMS CEHs Requested: 3 Hours – Formal



Three Hour Workshops

219 Sat AM
220 Sun AM



Fire Cause Determination for Firefighters

John Ticer, Special Agent, Arson and Explosives Bureau, Iowa Division of State Fire Marshal

This workshop will provide basic information on fire department and firefighter responsibility regarding origin and cause investigations. This workshop will examine what information is needed by investigators to begin an investigation, and how every firefighter on the fire scene is an important part of that investigation. Participants will rely on several case presentations to assist in understanding fire behavior and basic fire chemistry, and burn pattern analysis used in fire investigation.

Class Limit: 40

221 Sat PM
222 Sun PM



Explosive Awareness

John Ticer and Jeff Cullen, Special Agents, Arson and Explosives Bureau, Iowa Division of State Fire Marshal

This workshop will provide basic information on what fire service personnel need to know about explosives. Participants will learn about securing and establishing safe evacuation areas, recognition and identification of explosives, and proper post blast scene investigation. Participants will have the opportunity to see actual examples of explosive devices and explosives.

Class Limit: 40



223 Sat AM
224 Sun AM



Halligan 101

*Tim Nemmers and John Halbrook,
Suburban Fire Development*

This hands-on workshop will provide participants with an opportunity to perform forcible entry on a newly developed "Forcible Entry Prop". Learn the correct methods and terminology for the six conventional techniques of forcible entry. Participants will also review basic tools commonly used in forcible entry situations.

Personal Protective Equipment Requirements Apply

Students in this class will be charged a \$10.00 resource fee.

Class Limit: 20



227 Sat AM
228 Sun AM



Large Scale Water Movement

Craig Ver Huel, Firefighter, Johnston Fire Department, and FSTB Field Instructor

Can you flow 3,000 GPM without a hydrant? This workshop will cover all aspects of planning for, implementing, and expanding water shuttle operations. Participants will learn how to preplan their response area for hydrants and static water supplies. Methodologies for establishing fill sites and dumpsites will be discussed, along with expanding drafting operations beyond standard one or two hoseline operations. Participants will also be shown how to move large amounts of water to support master stream operations.

Class Limit: 50

225 Sat PM
226 Sun PM



Halligan 201

Tim Nemmers and John Halbrook, and Craig Ver Huel, Suburban Fire Development

This hands-on workshop is a continuation of Halligan 101. This intermediate workshop takes the fundamentals obtained in Halligan 101 and builds the students confidence and skill level. The participants will encounter reduced visibility, confined areas, and other obstacles, distracters and stressors. **Students must complete the Halligan 101 workshop prior to attending this workshop.**

Personal Protective Equipment Requirements Apply

Students in this class will be charged a \$10.00 resource fee.

Class Limit: 20



Three Hour Workshops



229 Sat PM
230 Sun PM



Fighting Fires in Commercial Kitchens

Lenny Sanders, FSTB Field Instructor

Almost every fire department in Iowa protects at least one commercial kitchen, yet we know almost nothing about the special attention these fires deserve. Learn what sets these fires apart from a typical class-B fire, and why we need to adjust our strategies and tactics to keep our firefighters and the public safe. Topics covered in this workshop will include the UL-300 listing requirements, common hazards found in commercial kitchens, and equipment that should be built into these occupancies.

Class Limit: 50

231 Sat AM
232 Sun AM



Iowa Fire Bridge: Advanced Modules

Justin Dillard, Product Evangelist, ImageTrend

This workshop will include a more in-depth training experience and explanation on how to utilize the additional modules included in the Iowa Fire Bridge. These modules are free of charge to all Iowa fire departments to use. The modules included in the Iowa Fire Bridge are: Inventory 2.0, Locations & Occupants, Hydrants, and Inspections. Students will be in a computer lab for this hands-on training.

Class Limit: 30

233 Sat PM
234 Sun PM

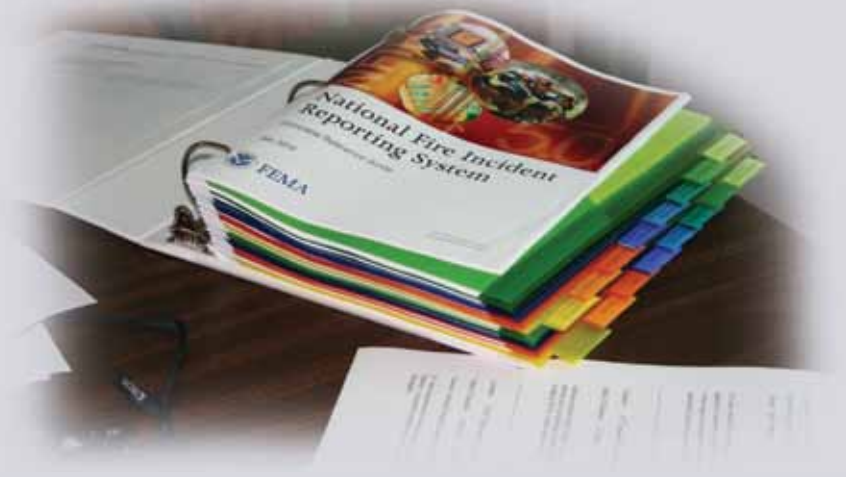


Creating Reports in Iowa Fire Bridge Report Writer 2.0

Alicia Ver Huel, Iowa NFIRS Program Manager, Fire Service Training Bureau

Included in the Iowa Fire Bridge, fire departments have the software feature called Report Writer 2.0. This workshop will cover the basics of using Report Writer 2.0 to create history and statistical reports for their department's NFIRS reports, staff, training, and other modules included in the Iowa Fire Bridge software. It will also include examples of common reports that fire departments can write from their use, city or township annual reports, etc. It is suggested that participants have a basic knowledge of the Iowa Fire Bridge to attend this workshop. Students will be in a computer lab for this hands-on training.

Class Limit: 30



These One Day Classes will be offered on Saturday and Sunday (repeated) during the Annual State Fire School:



235 Sat
236 Sun

UPDATED

Front Line Safety

Steve Hergenreter, Captain, Fort Dodge Fire Department; Dan Birkett, Lieutenant, Urbandale Fire Department; and Lance Routson, Lieutenant, Urbandale Fire Department

This course will give firefighters the opportunity to learn new strategies they can use to help decrease firefighter injuries and deaths. It will address the key issues related to firefighter safety and health. Cultures, values, normalization of deviance, taking the passenger mode and courageous self leadership will be part of this workshop. This course was developed by firefighters for firefighters. Firefighters, company and chief officers are encouraged to attend.

Class Limit: 50

237 Sat
238 Sun



Emergency Vehicle Operator: Fire

(Classroom only - no driving)

Senior Trooper Doug Cutts, Safety Education Officer; and Senior Trooper Brian Shelley, Safety Education Officer, Iowa State Patrol

As a fire apparatus operator, both your crew and the general public rely on your ability to remain calm and focused while maneuvering safely through traffic. Your fire fighting team counts on you to get them to the fireground to perform their function, and the general public relies on you to operate as a professional - with due regard for the safety of others.

Just as other emergency response professional maintain and upgrade their skills, you, too, must keep your skills up to date. This course has been designed specifically to help you refresh and improve your driving skills in both emergency and non-emergency situations.

By watching the video presentation, applying the information to exercises in the student handout, interacting with others in the class and subsequently incorporating the skills into your daily driving, you will reduce your chances of becoming involved in a collision.

Students in this class will be charged a \$25.00 resource fee.

Class Limit: 35

EMS CEHs Requested: 6 Hours – Optional



Illustration by Paul Combs, editorial cartoonist, Fire Engineering Magazine www.artstudioseven.com

239 Sat

Building Construction – What You Need to Know

Dennis Hansen, Training Officer, Iowa City Fire Department, and FSTB Field Instructor

Whether you are an officer or firefighter, all fire service personnel must know and understand how forces in a structure are working against us when fire has impinged upon the structural members. The late Francis Brannigan used to implore us: "Know your enemy – the building is your enemy". He also reminded us that the structure is merely a gravity-resistance system. Firefighting strategy changes once a fire transitions from the burning contents to a burning structure. While all building classifications will be discussed, this class will specifically deal with the two building classifications most often found by firefighters... Type III (Ordinary Construction) and Type V (Wood Frame Construction – with an emphasis on modern light weight construction). The pros and cons, and pitfalls and hazards will be discussed during this class.

Class Limit: 100

"Know your enemy – the building is your enemy."

- Francis Brannigan

240 Sun

Reading Smoke – The Ultimate Size-Up Tool

Dennis Hansen, Training Officer, Iowa City Fire Department, and FSTB Field Instructor

One of the most important size-up skills a fire 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, such as a flashover or a smoke explosion. Often, smoke issuing from a structure is the only clue available to predict fire behavior. This class is designed to provide detailed training and exercises to improve your effectiveness in predicting hostile events as a first-arriving decision-maker. This class will give you an excellent opportunity to practice rapid-decision making through the use of video and the "reading smoke" technique.

Class Limit: 100

241 Sat

You're in the Right Seat... Now What?

Mike Cardwell, Assistant Chief, Urbandale Fire Department, and FSTB Field Instructor

With today's staffing limitations, young officers often lack the experience, and may not have an on-scene chief officer to make critical fireground decisions. This course teaches the process of how to apply information gathered during response and size-up to make initial strategy decision based upon fundamental risk analysis principles.

Class Limit: 24



242 Sun



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

George Oster, George Oster and Associates, LLC; and Todd Moomaw, Firefighter, Ames Fire Department, and FSTB Training Specialist

This course contains a number of ideas that may fit your community and department. They are based on the premise – the most effective way to get volunteers (recruitment) is to keep the ones you already have (retention). Your current volunteers will be your best recruiters. This course will present five practical approaches to retaining and recruiting volunteers:

1. Leadership
2. Emotional Support
3. Training
4. Fun
5. Recognition/Incentives

This program was developed with a grant from the Assistance to Firefighters "SAFER" Program.

Class Limit: 30



243 Sat
244 Sun

Rail Car Incident Response (AWR-147)

James Whitaker, Captain, Burlington Fire Department, and FSTB Field Instructor

This course has been designed to educate emergency responders on freight rail car incidents involving hazardous materials. As more and more rail traffic transports cargo, including hazardous materials, it is critical that emergency responders are well trained. The increase in rail traffic adds to the already present risk of transportation incidents involving hazardous cargo. In addition, since a majority of rail traffic runs through rural communities, it is important that resource limited rural responders become educated about the dangers and unique hazards presented with rail cars. The information presented in this awareness level course will enhance the ability of emergency responders, especially rural responders, to manage rail car incidents.

Class Limit: 40

This course is partially funded through the Rural Domestic Preparedness Consortium. Individuals registering for this course will receive a \$30.00 reduction in Fire School fees.



245 Sat
246 Sun



Training...Let's Get It Done

Scott Hagenson, Lake Mills Fire Department and FSTB Field Instructor

This course is designed for training officers and other chief officers. Participants will discuss training needs of their departments, recognizing that training does not have a one-size fits all solution.

Class Limit: 30

247 Sat
248 Sun



Electric Vehicle Safety Training

Joe Zittergruen, Guttenberg Fire Department, and FSTB Field Instructor; and Brett Kaszinski, Waukee Fire Department, and FSTB Field Instructor

The Electric Vehicle Safety Training project is a nationwide program to help firefighters and other first responders prepare for the growing number of electric vehicles on the road in the United States. Developed by the National Fire Protection Association, this project, funded by a \$4.4 million grant from the U.S. Department of Energy, provides first responders with information they need to most effectively deal with potential emergency situations involving electric vehicles.

Class Limit: 30





249 Sat



Calling the Mayday (USFA Course #H134)

Rich Rodewald, Drill Master, Council Bluffs Fire Department, and FSTB Field Instructor; and Jeff Haler, Cedar Falls Fire Department, and FSTB Field Instructor

Why is getting a firefighter to call a mayday such a problem? Is it a lack of national standards, or is it the lack of available training? This hands-on class teaches firefighters how to recognize a "mayday" situation, and requires them to demonstrate the ability to call a "mayday" under various emergency situations. This is a physically demanding class that requires students to work with full PPE and SCBA under stressful conditions.

Personal Protective Equipment and SCBA Requirements Apply

Class Limit: 24

250 Sun



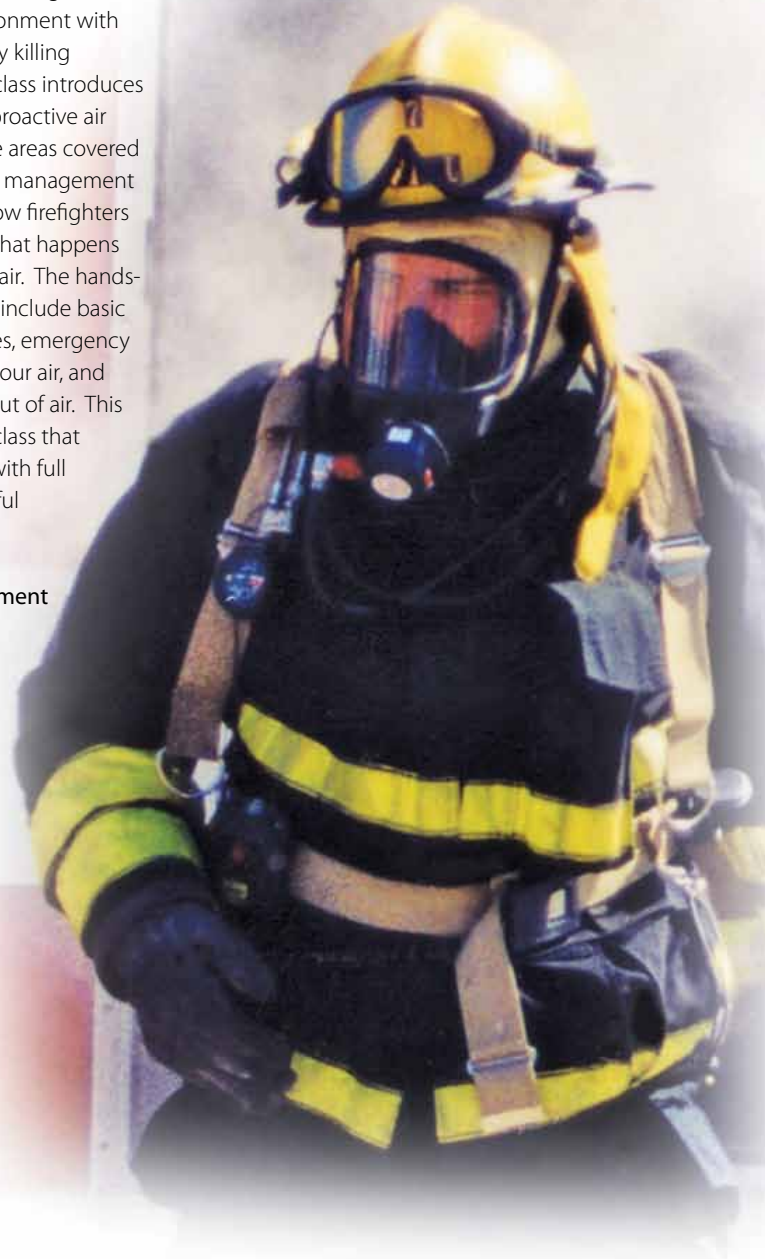
Firefighter Air Management

Rich Rodewald, Drill Master, Council Bluffs Fire Department, and FSTB Field Instructor; and Jeff Haler, Cedar Falls Fire Department, and FSTB Field Instructor

To most firefighters, "managing your air" means working until the low pressure alarm activates, and then leave the hazardous environment. The misconception that a firefighter will always have enough time to exit the hazardous environment with their remaining air is literally killing firefighters. This hands-on class introduces and reinforces the idea of proactive air management. Some of the areas covered include why our current air management practices are dangerous, how firefighters can get into trouble, and what happens when they no longer have air. The hands-on portion of this class will include basic air management techniques, emergency procedures for extending your air, and what to do when you are out of air. This is a physically demanding class that requires students to work with full PPE and SCBA under stressful conditions.

Personal Protective Equipment and SCBA Requirements Apply

Class Limit: 24



251 Sat
252 Sun



Interior Fire Attack

FSTB Field Instructors

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 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.

Individuals from Iowa volunteer and combination fire departments registering for this course will receive a \$30.00 reduction in Fire School fee's, due to partial grant funding from the Iowa Volunteer Firefighters Training Fund.

Personal Protective Equipment and SCBA Requirements Apply

Class Limit: 24



One Day Classes

253 Sat
254 Sun



Vent/Entry/Search

Chris Cross, Fire Chief, Windsor Heights Fire Department; Scott Lyon, Deputy Fire Chief, Clive Fire Department; and Jim Mitchell, Captain, Urbandale Fire Department

Your engine arrives on the scene of a house fire; you are told that a victim is located in a second floor bedroom. Heavy fire is located on the first floor causing the victim to be trapped. Now what? A vent, entry, and search technique is conducted by the engine or truck company when it is believed that a victim rescue is a high probability. This method of search enables firefighters to gain access immediately to trapped victims when internal access ways are compromised. This course is primarily hands-on as students will be performing aggressive ground laddering techniques, victim drags and ladder based victim rescues.

Personal Protective Equipment and SCBA Requirements Apply

Class Limit: 24



255 Sat
256 Sun



Dealing with the Media: A Short Course for Rural Responders (AWR 209)

RDPC Staff Instructors

This course is designed to provide rural responders with the skills and knowledge to quickly adopt the role of public information officer (PIO) if/when needed and to communicate with the public through the media. This course will help rural responders gain an understanding of what the media is looking for at the scene of an emergency and in public awareness campaigns, as well as learn how to give interviews that work and write successful news releases.

This course is partially funded through the Rural Domestic Preparedness Consortium. Individuals registering for this course will receive a \$30.00 reduction in Fire School fees.

Class Limit: 30



257 Sat



EMS Transitional Topics: Part I

Tina Young, Coordinator of Emergency Response Programs, Southeastern Community College; and Gene Wilkerson, Deputy Chief, Burlington Fire Department

This course will cover the transition from First Responder to Emergency Medical Responder, and EMT Basic to EMT. Topics will include: carbon monoxide poisoning; nerve agent poisoning; stroke; hemorrhage and trauma; and geriatrics and pediatrics.

NOTE: First Responders will need to attend Saturday only. EMT's will need to attend both Saturday and Sunday.

Class Limit: 50

EMS CEHs Requested: 6 Hours – Formal

258 Sun



EMS Transitional Topics: Part II

Tina Young, Coordinator of Emergency Response Programs, Southeastern Community College; and Gene Wilkerson, Deputy Chief, Burlington Fire Department

This course will cover the transition from First Responder to Emergency Medical Responder, and EMT Basic to EMT. Topics will include: agitated delirium; sickle cell crisis; changes associated with aging; assessment and treatment modifications for common geriatric diseases and/or emergencies; and health care implications of special populations.

NOTE: First Responders will need to attend Saturday only. EMT's will need to attend both Saturday and Sunday.

Class Limit: 50

EMS CEHs Requested: 6 Hours – Formal

These Two Day Classes will be offered on Saturday and Sunday during the Annual State Fire School. These classes will also include courses originally part of the Rescue Skills Weekend:



259 Sat/Sun



Courtroom Preparation and Testimony for First Responders

Rodney Pevytoe, National Fire Academy Adjunct Instructor

This course will provide the necessary tools for all emergency responders who may be called upon for depositions and/or courtroom testimony relevant to facts witnessed on arrival at a scene as a first responder. The course will emphasize the importance of reporting factual events. It also will address the need to improve report-writing skills after witnessing an event, and oral presentation skills if asked to describe the event in a court of law. The intent of this course is to prepare all emergency responders, with emphasis on volunteer firefighters, to present information to the legal system.

Class Limit: 30

260 Sat/Sun



Fire Prevention for First Responders and Small Departments

John Senft, National Fire Academy Adjunct Instructor

This course stresses the awareness, advocacy, and motivational content needed by those who traditionally have been focused on operations (suppression, EMS, etc.) and who seek to learn new, successful approaches appropriate for communities of all sizes, but most especially for America's smaller communities. This course focuses on identifying exciting and highly successful tools and approaches for addressing the total fire protection challenge via lessons learned in other communities, resources available, and the means and value of building partnerships and coalitions. Students will come away empowered to make change and thus build departments that are more effective at serving both customers and members, by learning how to manage the fire prevention function better.

Class Limit: 30

261 Sat/Sun



Incident Safety Officer

Daryl Rausch, National Fire Academy Adjunct Instructor

This course examines the Safety Officer's role at emergency response situations. A specific focus on operations within an Incident Command System (ICS) as a Safety Officer is a main theme. The students will be able to identify and analyze safety concerns as they relate to all-hazards scene evaluation, and communicate recommended solutions to the command authority.

Class Limit: 30



262 Sat/Sun



Training Operations in Small Departments

Jeffrey Cantor, National Fire Academy Adjunct Instructor

This course designed to provide students with some basic tools and skills to coordinate training in a small fire/emergency medical service (EMS) organization. A training function in a smaller department typically may include conducting training drills and coordinating training with a nearby larger city or State training function. Course content includes: leadership issues in fire service training, such as why and how the local training officer must be a catalyst for change, and personal motivators within the department; identifying the legal issues affecting the training function, including an understanding of a standard of care, and the impact of Occupational Safety and Health Administration (OSHA) and National Fire Protection Association (NFPA) standards; safety considerations in training; marketing training internally; identifying ways to justify training needs; selecting and evaluating training curriculum and materials from outside sources; and effective delivery and evaluation of training.

Class Limit: 30

263 Sat/Sun



Fireground Support Operations: Ladder Company Tactics for Fire Departments With or Without a Ladder Truck

Fred Malven, ISU Associate Professor, College of Design, and Assistant Chief; Dean Tope, Assistant Chief; Dave Donnelly, Lieutenant; Jason Corbin, Senior Firefighter; Mike Lycke, Senior Firefighter; Brad Melton, Lieutenant; and Noah Reyman, Firefighter; Nevada Fire Department

This course is designed for firefighters who want to be known for the best possible fire suppression operations. The class 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. The class starts with a definition of the “LOVERS PLUS” functions that ladder companies perform, and how to put them to work in your department, regardless of whether your department has a ladder truck. The class then focuses on several of the most important operations – ventilation, entry, searching for people, and searching for fire. This program will address how to perform safely, quickly, and efficiently, regardless of the size of your department. Emphasis is focused on organizing, training, and equipping individual teams for the maximum effort. The session will conclude with methods of integrating support operations into everything the department does, and how to maximize the team’s impact on every call.

Personal Protective Equipment Requirements Apply

Class Limit: 35



Now a part of the Annual State Fire School, Rescue Skills Weekend is an opportunity to learn various rescue related techniques in simulated conditions. Come join our training partners, Professional Rescue Innovations (PRI) and the National Education Center for Agricultural Safety (NECAS) in this unique opportunity to train with quality instructors in realistic conditions. The following Two Day Classes are part of the annual Rescue Skills Weekend:

264 Sat/Sun



High Angle Rope Rescue

PRI Staff Instructors and FSTB Field Instructors - Cory Bleeker, Chad Butler, Jerry Eslick

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 also be included in this training. The content of this course meets the NFPA 1006 and NFPA 1670 requirements.

PPE Equipment Required: Helmet, Leather Gloves, Safety Glasses or Goggles, and Footwear that provides ankle support. Coveralls are optional.

Individuals from Iowa volunteer and combination fire departments registering for this course will receive a \$30.00 reduction in Fire School fees, due to partial grant funding from the Iowa Volunteer Firefighters Training Fund.

Class Limit: 25

EMS CEHs Requested: 12 Hours – Optional





265 Sat/Sun



Grain Bin Rescue

PRI Staff Instructors and FSTB Field Instructors - Don Stuhrenberg, Don Ashenfelter

This course is designed to give students knowledge of grain bin design and structure as well as the inherent dangers involved in working with and around these structures and equipment related to grain handling and movement. Emphasis will be on safe rescue techniques for personnel when faced with grain bin entrapments. The content of this course meets the NFPA 1006 and NFPA 1670 requirements.

PPE Equipment Required: Helmet, Leather Gloves, Safety Glasses or Googles, and Footwear that provides ankle support. Coveralls are optional.

Individuals from Iowa volunteer and combination fire departments registering for this course will receive a \$30.00 reduction in Fire School fee's, due to partial grant funding from the Iowa Volunteer Firefighters Training Fund.

Class Limit: 25

EMS CEHs Requested: 12 Hours – Optional

266 Sat/Sun



Confined Space Rescue

PRI Staff Instructors and FSTB Field Instructors - Dan Walker, Rich Anderson, Dan Sicard

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.

Personal Protective Equipment and SCBA Requirements Apply

Individuals from Iowa volunteer and combination fire departments registering for this course will receive a \$30.00 reduction in Fire School fee's, due to partial grant funding from the Iowa Volunteer Firefighters Training Fund.

Class Limit: 25

EMS CEHs Requested: 12 Hours – Optional



267 Sat/Sun



Trench Rescue

PRI Staff Instructors and FSTB Field Instructors - Greg Neville, Nathan Neville

This course will give responders hands-on training on trench rescue procedures. 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. Students 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. The content of this course meets the NFPA 1006 and NFPA 1670 requirements.

PPE Equipment Required: Helmet, Leather Gloves, Safety Glasses or Goggles, and Footwear that provides ankle support. Coveralls are optional.

Individuals from Iowa volunteer and combination fire departments registering for this course will receive a \$30.00 reduction in Fire School fee's, due to partial grant funding from the Iowa Volunteer Firefighters Training Fund.

Class Limit: 25

EMS CEHs Requested: 12 Hours – Optional



268 Sat/Sun



Tractor Rollover/Combine Extrication

NECAS Staff Instructors and FSTB Field Instructors

This course will take an in-depth look at Agricultural trauma including injuries from tractor roll-over and combine rescue. Students will receive four hours of classroom programming followed by eight hours of hands-on evolutions. The hands-on portion of this course will deal with trauma patient care, cribbing, and extrication tools. Students will perform several evolutions in patient extrication.

Personal Protective Equipment Requirements Apply

Individuals from Iowa volunteer and combination fire departments registering for this course will receive a \$30.00 reduction in Fire School fee's, due to partial grant funding from the Iowa Volunteer Firefighters Training Fund.

Class Limit: 25

EMS CEHs Requested: 12 Hours – Optional



Rescue Skills Weekend

269 Sat/Sun



Big Rig Rescue

PRI Staff Instructors and FSTB Field Instructors - Mitch Nordmeyer, Kerry Miklo, Scott McFarland, Cliff McFarland

This course will focus on rescue from these large over-the-road trucks when they become involved in an accident. Topics include truck/trailer construction, air brake systems, vehicle stabilization, extrication equipment, patient removal, and techniques and tools uncommon to other vehicle rescue situations. This course will provide students with hands-on experience with techniques to use when these large over-the-road trucks are involved in an accident. The content of this course meets the NFPA 1006 and NFPA 1670 requirements.

Personal Protective Equipment and SCBA Requirements Apply

Individuals from Iowa volunteer and combination fire departments registering for this course will receive a \$30.00 reduction in Fire School fees, due to partial grant funding from the Iowa Volunteer Firefighters Training Fund.

Class Limit: 25

EMS CEHs Requested: 12 Hours – Optional



270 Sat/Sun



Ice Rescue

Jeff Thielen, Lynn Manhart (retired), and Jack Gangwish, Council Bluffs FD

Dive Rescue International's Ice Rescue program is designed for rescue specialists and emergency team members. The extensive two-day program provides training in the fundamental, practical skills needed to perform safe and successful ice rescues. The classroom portion includes: Elements of Ice Rescue, Ice, Victim's Condition, Staffing and Equipment, and the Operational Plan. The field work consists of practicing rescue techniques on the ice/water.

This program involves very strenuous work, placing the student in not only physically, but mentally stressful situations. It is very important that the student's respiratory and circulatory systems be in good condition. Persons with heart trouble, epilepsy, asthma, or other medical problems should not participate. If in doubt, consult your physician.

PPE Equipment Required: Each student must bring swim suit, towel, change of clothing, turnout gear and a PFD (personal flotation device) Type III Coast Guard approved. If you have an Ice Rescue suit, please bring it.

Students in this class will be charged a \$25.00 resource fee.

Class Limit: 24

EMS CEHs Requested: 12 Hours – Formal



Four Day Classes

This Four Day Class will start on Thursday, February 23rd, and run through Sunday, February 26th. A separate acceptance letter will be sent with the location and times. The two-day fire school registration fee (\$90.00) will be applied to cover the cost of breaks all four days, and lunch on Saturday and Sunday. There is a separate Certification fee of \$50.00. Lunch will be on your own Thursday and Friday.

271 Thurs/Fri/Sat/Sun

Fire Instructor I

Jack Runge, Buckeye Fire Department and FSTB Field Instructor; and Dave Zimple, FSTB Field Instructor

This course is designed to prepare new instructors, or those wanting to be instructors, on how to organize and teach effectively, using existing lesson plans. In addition, instructor candidates will also learn how to use instructional aids and evaluation instruments, adapt lesson plans, organize the learning environment, and meet record-keeping requirements.

This course meets the Job Performance Requirements for Instructor I, as stated in the NFPA 1041, Standard for Fire Service Instructor Professional Qualifications, 2007 Edition.

Prerequisite: None

Class Limit: 20



Five Day Classes

This Five Day Class will start on Wednesday, February 22nd, and run through Sunday, February 26th. A separate acceptance letter will be sent with the location and times. The two-day fire school registration fee (\$90.00) will be applied to cover the cost of breaks all five days, and lunch on Saturday and Sunday. There is a separate Certification fee of \$50.00. Lunch will be on your own Wednesday, Thursday and Friday.

272 Wed/Thurs/Fri/Sat/Sun

Fire Officer I

Scott Siberski, Captain, Ames Fire Department and FSTB Field Instructor; Doug Allen, Captain, Ames Fire Department and FSTB Training Specialist; and Shawn Bayouth, Deputy Fire Chief, Ames Fire Department

This course is designed for the fire officer, or fire officer candidate, at the supervisory level. Students will develop a basic understanding in human resource development; community and government relations; administration; inspection and investigation at the company level; emergency services delivery at the company level; and health and safety.

This course meets the Job Performance Requirements for Fire Officer I, as stated in the NFPA 1021, Standard for Fire Officer Professional Qualifications, 2009 Edition.

Prerequisite: Firefighter II and Instructor I certifications

Class Limit: 30

After this year's Annual State Fire School "Hospitality", come join the Fire Service Training Bureau in a very special presentation. This presentation, titled "Fire Dynamics for Structural Firefighting", will be presented by Daniel Madrzykowski, a Fire Protection Engineer with the National Institute of Standards and Technology. This Special Presentation will be provided at NO COST to the participants. Pre-registration is required.



Dan Madrzykowski is a Fire Protection Engineer with the National Institute of Standards and Technology. Dan earned his Masters of Science degree in Fire Protection Engineering from the University of Maryland. He has conducted research in the areas of fire suppression, large fire measurements, fire investigation, and firefighter safety.

Dan is a member of the National Fire Protection Association (NFPA) and the International Association of Arson Investigators (IAAI) and serves on several technical committees for both organizations. He is a Fellow of the Society of Fire Protection Engineers (SFPE), and currently serves on their board of directors. Dan is also a member of the International Society of Fire Service Instructors. In April of 2009 he was named their Instructor of the Year. Dan has also assisted in the development of several classes for the National Fire Academy and for the IAAI website (www.cftrainer.net). Dan received the ISFSI/Fire Engineering Instructor of the Year Award in 2009.



273 Saturday, February 25, 2012 at 4:45 pm

"Fire Dynamics for Structural Firefighting"

Fire behavior or fire dynamics is based on the fundamental relationship between fuel, oxygen and heat, i.e. the fire triangle. The type of fuel, the geometry of the fuel, changes in building construction and ventilation can have a significant effect on the speed of fire growth and spread. Ventilating the structure can provide cooling by removing heat. But ventilating a "fuel rich" room may cause a flashover, by allowing fresh air into the structure. It is important to remember that smoke is fuel. Ventilation does not always equal cooling. Understanding ventilation will lead to improved tactical decisions. Another ventilation consideration is wind. Wind driven conditions can lead to flashovers or intensify the flashover conditions and spread the flames throughout a flow path in the structure.

Fire behavior will be described using a combination of videos and data to characterize the thermal environment that firefighters may be exposed to. Attendees will get an inside view of the fire progression through structures to compare with what they may see on the outside during size-up. Fire incidents and fire ground line of duty death incidents will be used as case studies to demonstrate the interaction of fire dynamics and fire ground tactics. This presentation is intended to provide insight to complement the fire behavior training that occurs in the training tower or the experience gained on the fire ground.



Registration and Other Fees/Credits

Before February 3, 2012

1 day	\$75.00
2 day	\$90.00

After February 3, 2012

1 day	\$85.00
2 day	\$100.00

Materials Fees:

\$25.00	Emergency Vehicle Operator: Fire
\$25.00	Ice Rescue
\$10.00	Halligan 101
\$10.00	Halligan 201

Training Fund Credit:

Due to partial funding through the Volunteer Firefighter Training Fund and the Paul Ryan Training Fund, individuals registering for the following courses will receive a \$30.00 reduction in Annual State Fire School fees:

- Interior Fire Attack
- High Angle Rope Rescue
- Grain Bin Rescue
- Confined Space Rescue
- Trench Rescue
- Tractor Rollover/Combine Extrication
- Big Rig Rescue

Rural Domestic Preparedness Consortium

Training Credit:

Due to partial funding through the Rural Domestic Preparedness Consortium, individuals registering for the following courses will receive a \$30.00 reduction in the Annual State Fire School fees:

- Rail Car Incident Response (AWR-147)
- Dealing with the Media: A Short Course for Rural Responders (AWR-209)

Billing and Refund Policy

- Individuals may register by enclosing check, money order or credit card information.
- Organizations may be billed for fees. (If fees are to be billed, the registration form should be accompanied by a purchase order or an authorization letter signed by the organization administrator on official letterhead.)
- Registrations canceled in writing before February 3, 2012 will receive a full refund. After that date, a \$20.00 cancellation fee will be assessed. Substitutions may be made at any time. If the participant does not attend, and fails to cancel by the cancellation deadline, the fire department will be billed for the registration.
- Please refer to page 5 for the Annual State Fire School Inclement Weather Policy.
- **All registered participants will be billed, regardless of attendance.**

Registration Sign In

Registration will take place in the first floor lobby of the Scheman Building, located in the Iowa State Center. All participants must check in at the registration desk before proceeding to their classes. Classroom assignments and locations will be included in the registration packets, which will be sorted by department/organization.

To Register

You may register via **FAX** by transmitting a copy of the completed registration form, including credit card or billing information to **800-722-7350**.

OR

Mail the completed registration form with payment to:

Annual State Fire School Registration
Fire Service Training Bureau
3100 Fire Service Rd
Ames, IA 50011-3100

OR

Complete the Fillable Registration Form and submit it directly off of our website at:

www.dps.state.ia.us/fm/fstb/newclasses

(If you choose this option and wish to pay with a credit card, you will need to call the FSTB at 888-469-2374 with credit card information.)

88th Annual State Fire School - February 24-26, 2012

Only 1 registration per form *(Please duplicate for additional registrations)*

Registration Information:

	MI		
First Name Last Name			
Home Address			
City		State	Zip
Fire Department/Company Name			
Last 4 Digits of SS#		Date of Birth (Mo/Day/Yr)	
		Daytime Phone Number	
Email		Cell Phone Number	

Iowa Fair Information Practices Act (Iowa Code 22-11). The Fire Service Training Bureau requests this information for the purpose of pre-registering you in a conference. No persons outside the Training Bureau are routinely provided this information, we cannot assure accurate registration.

Registration & Other Fees/Credits *(Check all that apply)*

Before February 3, 2012

- 1 Day Registration \$75.00
- 2 Day Registration \$90.00

After February 3, 2012

- 1 Day Registration \$85.00
- 2 Day Registration \$100.00

Materials Fees: (check if appropriate)

- Emergency Vehicle Operator: Fire \$25.00
- Ice Rescue \$25.00
- Halligan 101 \$10.00
- Halligan 201 \$10.00

Training Fund Credit:

- Interior Fire Attack -\$30.00
- High Angle Rope Rescue -\$30.00
- Grain Bin Rescue -\$30.00
- Confined Space Rescue -\$30.00
- Trench Rescue -\$30.00
- Tractor Rollover/Combine Extrication -\$30.00
- Big Rig Rescue -\$30.00

RDP Training Credit:

- Railcar Incident Response (AWR-147) - \$30.00
- Dealing with the Media: A Short Course
for Rural Responders (AWR-209) -\$30.00

TOTAL \$ _____

Method of Payment:

- Check (Payable to Fire Service Training Bureau)
- Bill my Fire Department/Company

Purchase Order #: _____

Contact Person: _____

Billing Address: _____

- Visa
- MasterCard
- Discover

Card Number

Exp Date / / Card CVC #

(Security Code located on the back of card)

Print Cardholder Name _____

Cardholder Signature _____

Billing Address _____

FAX or Mail BOTH pages of the Registration Form

FAX form and billing or credit card information to:
800-722-7350

Mail completed forms with fee to:
Annual State Fire School
Fire Service Training Bureau
3100 Fire Service Rd
Ames, IA 50011-3100

Registrations will NOT be taken over the phone.

Class Selection: Please mark your 1st, 2nd, and 3rd choice for classes.

Pre-Fire School Workshops

	Friday
Wind Driven Fires in Structures	___ 201
Facial Hair in the Fire Service	___ 202
Updating Fireground Tactics - A Scientific Approach	___ 203
Strategic Planning & Tactical Fire Fighting Using Royer/Nelson Rate-of-Flow	___ 204
Introduction to NFIRS Reports and the Iowa Fire Bridge Software	___ 205
Iowa Plugged In: An Open Forum Discussion on the Fire Service in Iowa	___ 206

3 Hour Workshops

	Saturday	Sunday
Courage to Be Safe® Training	___ 207	___ 208
Leadership, Accountability, Culture and Knowledge (LACK) Training	___ 209	___ 210
Nursing Home Fire Response: Egress, Alarms and Sprinklers . . . OH MY!	___ 211	___ 212
We Are All on the Same Team: Gender in the Fire Service	___ 213	___ 214
Attacking Day-to-Day Operations: A Field Guide for Individual Success	___ 215	___ 216
Red Nose Rx: Laughter and Humor in EMS	___ 217	___ 218
Fire Cause Determination for Firefighters	___ 219	___ 220
Explosive Awareness	___ 221	___ 222
● Halligan 101	___ 223	___ 224
● Halligan 201	___ 225	___ 226
Large Scale Water Movement	___ 227	___ 228
Fighting Fires in Commercial Kitchens	___ 229	___ 230
Iowa Fire Bridge - Advanced Modules	___ 231	___ 232
Creating Reports in Iowa Fire Bridge Report Writer 2.0	___ 233	___ 234

One Day Classes

	Saturday	Sunday
Front Line Safety	___ 235	___ 236
● Emergency Vehicle Operator: Fire Building Construction - What You Need to Know	___ 237	___ 238
Reading Smoke - The Ultimate Size-Up Tool	___ 239	___ 240
You're in the Right Seat . . . Now What?	___ 241	
Retaining and Recruiting Volunteers: Practical Ideas for Fire, EMS, and Emergency Services Departments		___ 242
✦ Rail Car Incident Response (AWR-147) Training . . . Let's Get It Done	___ 243	___ 244
Electric Vehicle Safety Training	___ 245	___ 246
Calling the Mayday (USFA Course #H134)	___ 247	___ 248
Firefighter Air Management	___ 249	
✦ Interior Fire Attack	___ 251	___ 252
Vent/Entry/Search	___ 253	___ 254
✦ Dealing With the Media: A Short Course for Rural Responders (AWR-209)	___ 255	___ 256
EMS Transitional Topics - Part I	___ 257	
EMS Transitional Topics - Part II		___ 258

Two Day Classes and Rescue Skills Weekend

	Sat/Sun
Courtroom Preparation and Testimony for First Responders	___ 259
Fire Prevention for First Responders and Small Departments	___ 260
Incident Safety Officer	___ 261
Training Operations in Small Departments	___ 262
Fireground Support Operations: Ladder Company Tactics for Fire Departments With or Without a Ladder Truck	___ 263
✦ High Angle Rope Rescue	___ 264
✦ Grain Bin Rescue	___ 265
✦ Confined Space Rescue	___ 266
✦ Trench Rescue	___ 267
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Special Presentation (Sat - 4:45 pm)	___ 273

88th Annual State Fire School

February 24-26, 2012

Register Early to ensure class selection!

First Name

MI

Last Name

Fire Department/Company Name

_____-_____-_____
Phone Number

FAX or Mail BOTH pages of the Registration Form

FAX forms and billing or credit card information to:
800-722-7350

Mail completed forms with fee to:
Annual State Fire School
Fire Service Training Bureau
3100 Fire Service Rd
Ames, IA 50011-3100

Registrations will NOT be taken over the phone.

✦ = Training Fund Credit/RDPC Training Credit of \$30.00

● = Materials Fee required

Fire Service Training Bureau
3100 Fire Service Road
Ames, IA 50011-3100

Address Service Requested

88th Annual **STATE FIRE SCHOOL**



February 24-26, 2012