



1991 WINTER FIRE SCHOOL
Equipment Exposition
February 8-10, 1991

Fire and Rescue Training
University of Missouri - Columbia

Winter Fire School

Winter Fire School

Over 50 workshops and courses to choose from!

and Equipment Exposition

1998 Winter Fire School

February 6-8, 1998
University of Missouri-Columbia
Fire and Rescue Training Institute

1992

1994 Winter Fire School
February 4-6
University of Missouri-Columbia

58 workshops and courses to choose from!

FIRE SCHOOL

FEBRUARY 5-7, 1999

Winter Fire School AND Equipment Exposition

February 9-11, 1996
University of Missouri-Columbia

Winter Fire School

and Equipment Exposition

WINTER 2000



UNIVERSITY OF MISSOURI EXTENSION

FIRE AND RESCUE TRAINING INSTITUTE

WINTER FIRE SCHOOL

Columbia, Missouri • February 5-7, 2021

DEDICATION OF WINTER FIRE SCHOOL

H. Martin “Marty” Schuessler

The mission of the University of Missouri Extension Fire and Rescue Training Institute (MU FRTI) is to provide professional continuing education and training that meets the needs of fire and emergency service responders. In fulfilling this mission, MU FRTI has a direct impact on the well-being and protection of over 23,000 Missouri firefighters and the 6.1 million citizens they serve.

To fulfill this mission, MU FRTI depends on a small dedicated full-time staff supported by part-time Regional Training Coordinators and an Adjunct Instructor Cadre. The Adjunct Instructor Cadre includes over 160 regular part-time instructors, as well as guest and partner organization instructors for specialized programs like Winter Fire School. The Institute gratefully acknowledges the role that all our personnel plays in the education and training of Missouri fire and emergency service responders. During the 2021 Winter Fire School, we want to specifically recognize and remember the dedicated life of Regional Training Coordinator and Adjunct Instructor H. Martin “Marty” Schuessler, who passed away on October 18, 2020.

Marty was a blacksmith by trade and worked a variety of jobs and occupations during his life. Marty’s passion, however, was helping people. It ultimately led him to help organize the Fruitland Area Fire Protection District in 1977. He served the District as Fire Chief for over 25 years. In 1991, Marty became an Adjunct Instructor with MU FRTI, teaching with the program for the rest of his life. When the Institute established the regional training coordinator system in 1992, Marty became one of the first coordinators serving the

fire departments and instructors in State Highway Patrol Region E in Southeast Missouri. He continued in this role until his death. He holds the distinction of receiving the first MU FRTI Instructor of the Year Award in 1996-1997.

Marty was an exemplary fire service instructor. His passion and dedication to training firefighters never wavered throughout his fire service career. Marty had numerous courses that he liked to teach including, Emergency Vehicle Driver Training, Farm Machinery Rescue, Vehicle Rescue, and Handling LP Gas Emergencies. However, his favorite course was Basic Fire Fighter Skills. He said this was his favorite course because he liked to “watch the student’s faces light up as they learned.” In 2012, Marty and coordinator Robert Woody began working with the MU FRTI director to re-develop the Grain Bin Rescue training course. It ultimately led to the Institute acquiring a grain bin rescue simulator that has since trained countless numbers of firefighters on how to safely conduct rescue operations involving grain engulfments or entrapments. His most recent project was working on the Large Vehicle Rescue course.

Those who learned the profession of firefighting from him, were mentored and helped by him, served beside him, and worked with him at MU FRTI, will cherish our memories of him. Marty was a dedicated fire service professional that contributed much on behalf of many. Thank you, Marty, for all the firefighters you trained, and as a result, the lives and property saved by those firefighters. In recognition of Coordinator Schuessler and his service, we offer the heartfelt traditional fire service homage: Godspeed Marty Schuessler, well done, thy true and faithful servant.

It is appropriate and only fitting that the Institute honors the memory of Regional Training Coordinator Marty Schuessler and his life-long commitment to training firefighters by dedicating the 2021 Winter Fire School in memoriam to him.

University of Missouri Extension Fire and Rescue Training Institute



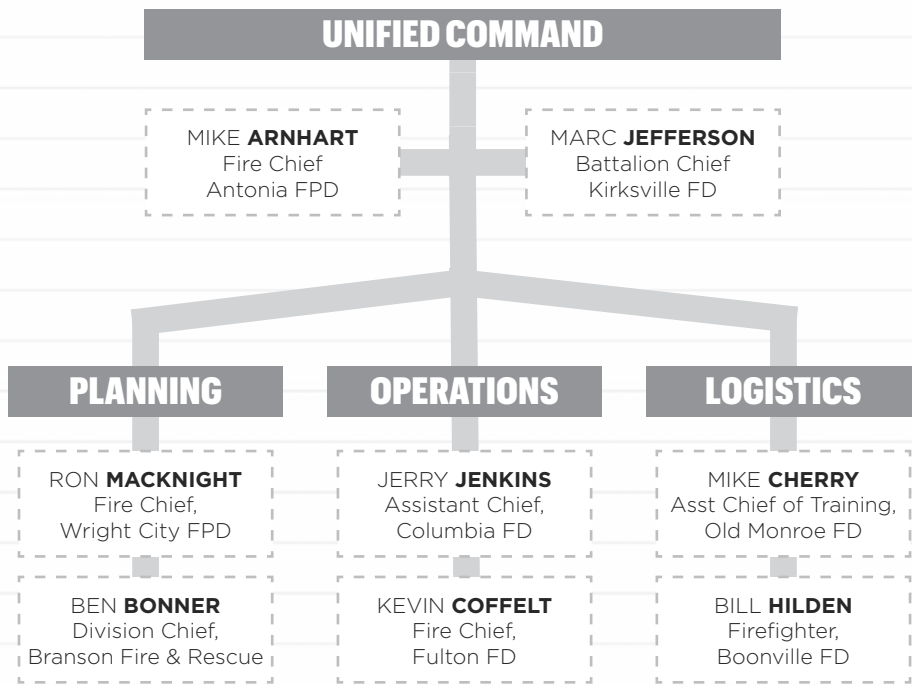
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FIRE SCHOOL COMMAND TEAM

The Fire and Rescue Training Institute utilizes an Incident Command System (ICS) model to run our fire schools and other special program deliveries. For many years, we have taught ICS to agencies throughout the state as a means to manage an emergency incident. We are proud to be "walking the walk and not just talking the talk!"

The Fire School Command Team augments MU FRTI's full-time staff and dedicates many hours to the planning and delivery of the Winter Fire School. The Fire and Rescue Training Institute would like to thank these individuals and their departments for their involvement.



SAFETY IS OUR PRIORITY



Wear A Mask



Social Distance



Self Monitor



Online Available

We are currently planning for this event to meet face to face. We take the health and safety of our students and instructors seriously in this new climate and will make changes in the future if necessary. If you have any questions or concerns please contact us.

SCHEDULE

FEBRUARY

FRIDAY

Holiday Inn Executive Center

5

12:00 p.m.

Customer Service Desk Opens
MU FRTI Sales Booth Opens

1:00 p.m.

Opening Session • Mike Dugan

3:00 p.m.

Opening Session • Ron Kanterman

6:00 p.m.

Opening Session • Frank Viscuso

8:00 p.m.

Customer Service Desk Closes
MU FRTI Sales Booth Closes

SATURDAY

University of Missouri Campus

6

7:00 a.m.

Customer Service Desk Opens
MU FRTI Sales Booth Opens

8:00 a.m.

Classes Begin

12:00 p.m.

Lunch Break

1:30 p.m.

Classes Resume

3:00 p.m.

MU FRTI Sales Booth Closes

5:30 p.m.

Classes Conclude
Customer Service Desk Closes

SUNDAY

University of Missouri Campus

7

7:00 a.m.

Customer Service Desk Opens
MU FRTI Sales Booth Opens

8:00 a.m.

Classes Begin

11:00 a.m.

MU FRTI Sales Booth Closes

12:00 p.m.

Classes End
Certificates Issued
Customer Service Desk Closes

WEBCASTS



TOM AURNHAMMER

Certified Fire Investigator,
IRIS Fire Investigations, Inc.

**Wildland Urban Interface
Incidents for the Structural
Firefighter**

See Description on Page 15.



ALAN BRAUN

Training Officer, Cole County
Fire Protection District

**Large Vehicle Rescue:
Awareness**

See Description on Page 13.



CHAD DAILEY

Captain, Kansas City Fire
Department

Through the Lock

See Description on Page 15.



JIM DUFFY

Battalion Chief, Wallingford
Fire Department, CT

**It's Just a Routine House Fire
or Is It?**

See Description on Page 12.



MIKE DUGAN

Captain, New York City Fire
Department

American Command

See Description on Page 6.



RICHARD GASAWAY

Gasaway Consulting Group,
LLC

**Twelve Ways to Kill a First
Responder**

See Description on Page 15.



SEAN GRAY

Captain, Cobb County Fire
Department, GA

The Evolving Fireground

See Description on Page 10.



ROBERT JAMES

Firefighter, North Bethesda
Fire Department, MD

**Down and Dirty Urban
Forcible Entry**

See Description on Page 9.



PHIL JOSE

Deputy Chief (RET), Seattle
Fire Department, WA

Tactical Decision-Making

See Description on Page 14.



TOM MERRILL

Fire Commissioner, Snyder
Fire Department, NY

**The Professional Volunteer
Fire Department**

See Description on Page 14.



RANDAL NOVAK

Bureau Chief (RET), Iowa
Fire Service Training Bureau

NVFC Incident Safety Officer

See Description on Page 13.

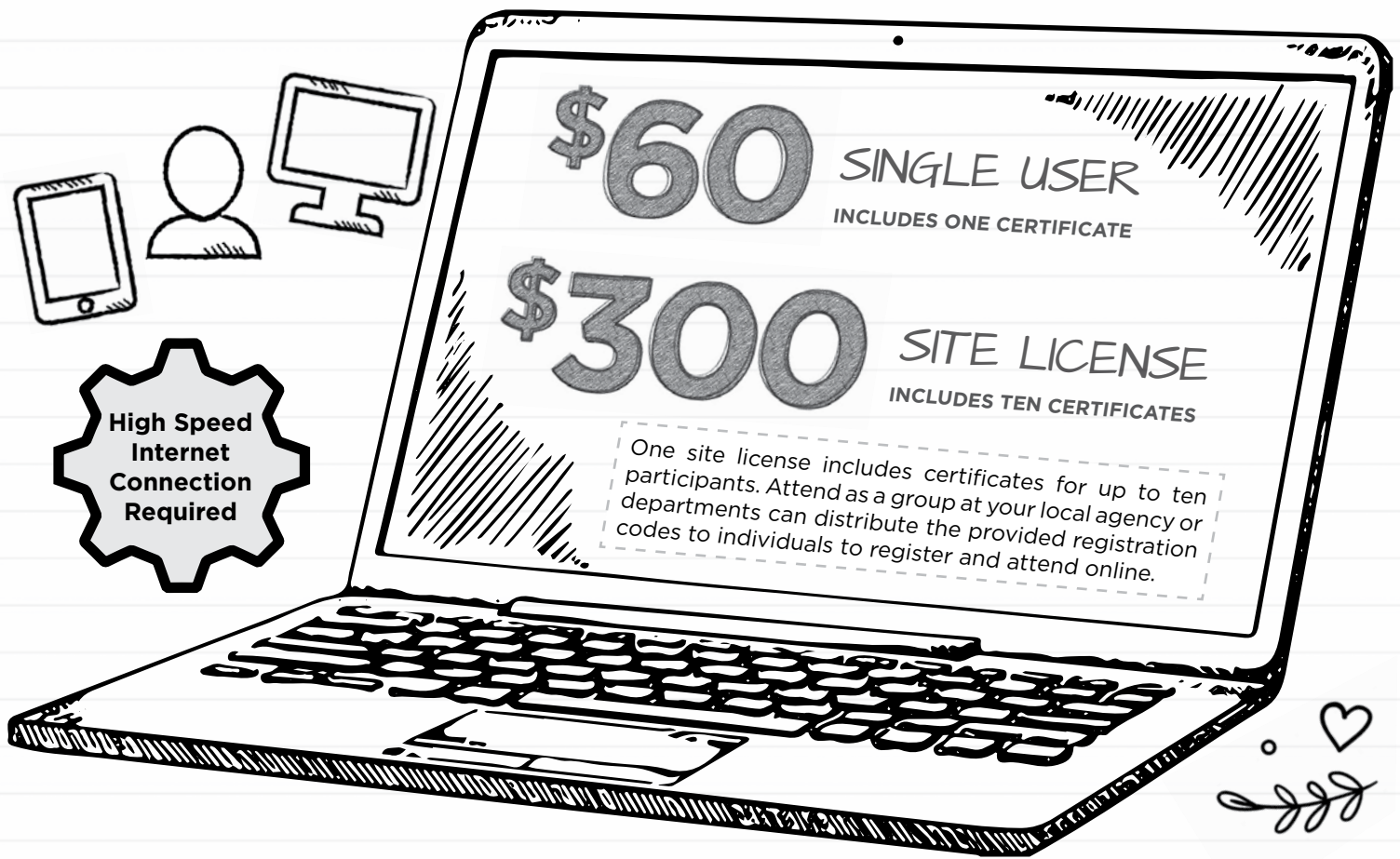


STEVE PRZUBOWSKI

Deputy Chief, Santa Clara
County Fire Department

**Courage Under Fire:
Leadership Lessons Learned
After Getting the Badge!**

See Description on Page 8.



12 WEBCASTS AVAILABLE

SEE PAGE 21 FOR REGISTRATION DETAILS

TITLE	INSTRUCTOR	CEU	PAGE
SATURDAY, FEBRUARY 6			
8:00 AM - 12:00 PM			
NEW American Command	MIKE DUGAN		6
Down and Dirty Urban Forcible Entry	ROBERT JAMES		9
NEW It's Just a Routine House Fire or Is It?	JIM DUFFY	4	12
NEW The Professional Volunteer Fire Department	TOM MERRILL		14
SATURDAY, FEBRUARY 6			
1:30 PM - 5:30 PM			
The Evolving Fireground	SEAN GRAY		10
Large Vehicle Rescue: Awareness	ALAN BRAUN		13
NEW Twelve Ways to Kill a First Responder	RICHARD B GASAWAY	4	15
NEW Wildland Urban Interface Incidents for the Structural Firefighter	TOM AURNHAMMER		15
SUNDAY, FEBRUARY 7			
8:00 AM - 12:00 PM			
NEW Courage Under Fire: Leadership Lessons Learned After Getting the Badge!	STEVE PRZIBOROWSKI	4	8
NEW NVFC Incident Safety Officer	RANDAL E NOVAK		13
Tactical Decision-Making	PHIL JOSE		14
Through the Lock	CHAD DAILEY & MATT BLACK	4	15

FOUR HOUR WORKSHOPS

101 SATURDAY ONLY **NEW**

Adaptive Tactical Implementation: Suburban Fire Tactics

JIM SILVERNAIL

Chief, Kirkwood Fire Department, MO

Preparing for the modern fireground requires realistic situations and tactical implementation for safe, effective, and efficient objective achievement. The challenges of managing structure fires can be unique and regionally specific, but all underlying themes are constant. Regardless of your organization type, urban, suburban, or rural, the objectives of rescue, containment, confinement, and extinguishment are the same. The differences are the tactics taken to accomplish these objectives. For the majority of fire service agencies, this means making the most out of what you have and prioritizing essential functions. Tactics must be adapted to your agency's specific capabilities and circumstantially implemented for fireground success. This interactive discussion will detail how the evolving structure fire environment with affective firefighting principles and specific agency circumstances affect fireground decision making and tactical delivery. This approach begins with a realistic, honest self-assessment of your agency's capabilities concerning service delivery, constrained by resources, staffing, and response area characteristics. These situational circumstances are applied, in conjunction with firefighting principles, to the challenges experienced with modern structure fires.

On-campus attendees will receive a complimentary copy of the book, *Suburban Fire Tactics*.

CEUs DFS: 4-Incident Safety Officer

103 SUNDAY ONLY **NEW**

Adaptive Truck Company Operations: The Nontraditional Truck Company

JIM SILVERNAIL

Chief, Kirkwood Fire Department, MO

A large percentage of agencies in the U.S. have deficiencies in operating dedicated truck companies and have challenges accounting for all truck functions. Does that mean truck work doesn't happen? Truck company operations are essential, and these agencies need a system. This workshop focuses on consistently implementing a coordinated fire attack even with a resource deficiency and delivering all necessary truck company operations associated with facilitating and supporting the coordinated fire attack and lifesaving operations. Participants will see how circumstances dictate action on the fireground and that not having a dedicated truck company does not justify substandard tactics and decreased truck company operations. That's when they employ "The Nontraditional Truck Company," identify essential components of the coordinated fire attack, prioritize functions, and implement them for complete accountability. Developing agency-specific standard operating guidelines (SOGs) is addressed, as is the functional and the positional SOG. The importance of attitude, training, understanding modern fire behavior, and developing experienced street-smart tactics to define the role of truck company operations in the pursuit of consistent fireground success will also be discussed.

CEUs DFS: 4-Incident Safety Officer

104 SUNDAY ONLY

Advance Certified Fire and Ambulance District Board Training

MONTE OLSEN

Missouri Association of the Fire Protection Districts

This workshop provides additional fire protection district and ambulance district training beyond the existing eight-hour *Certified Fire and Ambulance District Board Training* course. This opportunity allows participants to delve into the more advanced topics faced by district board members.

105 **NEW**

Aggressive Interior Firefighting

CHRIS TOBIN

Firefighter, St. Louis Fire Department

This workshop addresses the requirements of aggressive interior tactics and strategies that departments need to deploy safe and effective interior operations. Participants will learn the benefits of aggressive firefighting culture as well as the ten tactics that define an aggressive interior attack.

108 **NEW**

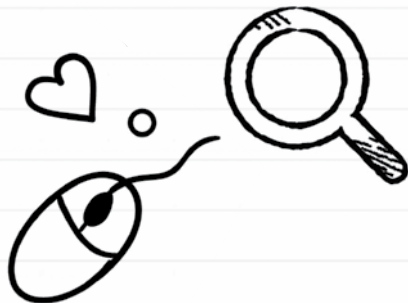
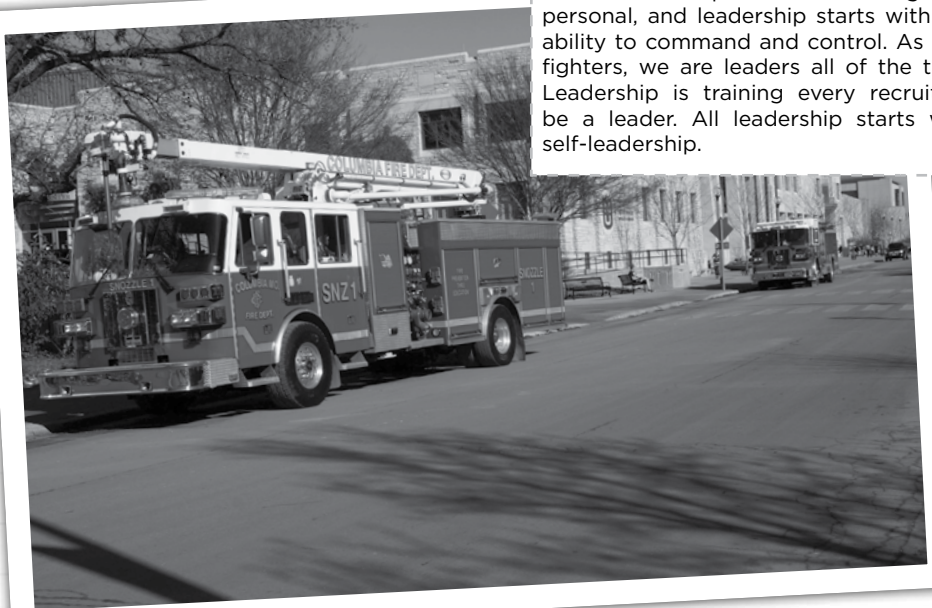
American Command

MIKE DUGAN

Captain, New York City Fire Department

WEBCAST AVAILABLE SEE PAGE 5

Commanding fire companies and personnel are one of the few human endeavors that you cannot learn by taking courses leading to a degree in "Commandership." Commanding is personal, and leadership starts with the ability to command and control. As firefighters, we are leaders all of the time. Leadership is training every recruit to be a leader. All leadership starts with self-leadership.



111 SATURDAY ONLY

The Art of Reading Buildings

DAVID DODSON

Fire Service Author/Educator, Battalion Chief (RET), Response Solutions, Thornton, CO

Are you tired of the usual, boring building construction classes? We know it's an important topic, yet we find these classes hard to choke down. This class takes a whole new approach to provide essential tools and practice in making rapid street-reads on buildings for structural fire first-due decision-making.

CEUs DFS: 4-Incident Safety Officer, 4-Inspector, 4-Investigator,

113 SATURDAY ONLY

The Art of Reading Smoke

PHIL JOSE

Deputy Chief (RET), Seattle Fire Department, WA

Fire officers must adjust to the changes in fire behavior that have occurred in recent years, or more firefighters will die or be injured. Being able to read smoke on arrival is the key to predicting fire behavior. It helps you discover the specific location and intensity of a fire, building collapse potential, and the likelihood of hostile fire events such as a flashover. This program promises to leave attendees with many street-smart tips that will help first-due decision-makers.

CEUs DFS: 4-Incident Safety Officer

115 SUNDAY ONLY **NEW**

Basement Fires: Strategies for Success

BRIAN ZAITZ

Assistant Fire Chief, Kirkwood Fire Department

Basement fires are one of the most dangerous and deadliest threats facing today's firefighters. This workshop examines basement types and their hazards, fire development as well as the recent research conducted by the UL/NIST to provide a comprehensive view of the dangers associated with basement fires. This class includes a facilitated discussion on strategy and tactics, looking at bringing scientific research into a format that applies to the fireground. Participants will proceed through several scenarios using the materials from class to improve safety and survivability. In the end, you will leave with a better understanding, applicable research, and the tools to effect a safer, more effective approach to a basement fire.

CEUs DFS: 4-Incident Safety Officer

119 **NEW**

Before the Front Door: Command Decisions

NICHOLAS RISCH

Assistant Chief, Washington Fire Department

This class gives the first arriving incident commanders the tools needed to prepare for an initial response, size up, and building read. Using the adage that the "First five minutes dictates the next five hours," it is paramount to know what to do before making your entry. We will start with pre-alarm planning and move into response and efficiencies. Next are hazards and exposures. Tell the story of the structure before you enter the front door. This presentation is for volunteer operations but open to all.

CEUs DFS: 4-Incident Safety Officer

122 **NEW**

Civil Unrest: What We've Learned Since 2014

AARON BOCKHORST

Captain, Ferguson Fire Department

On August 9th, 2014, the world changed with one incident in Ferguson, Missouri. In the following days and months, first responders met new challenges that they have never faced. While the tactics used in 2014 were proven effective, the game has recently changed. New response teams established with law enforcement, the use of tactical medics, and quick response teams were all created to help with incidents. This class will look at the standard operating guideline changes, tactical response differences, communication barriers that we have to overcome, and the mental wellbeing of all personnel involved. We have to be prepared to handle these types of situations before they arise because it only takes a few minutes for the whole game to change.

116 **NEW**

Basic Fire Pump Theory and Operations: Getting the Wet Stuff to the Red Stuff

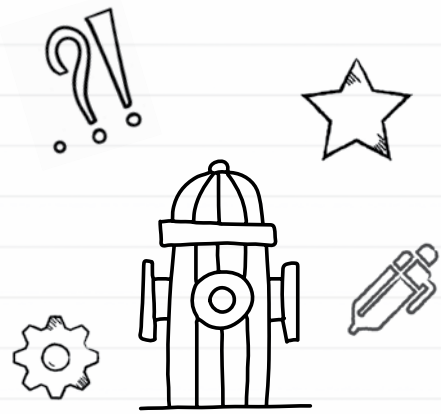
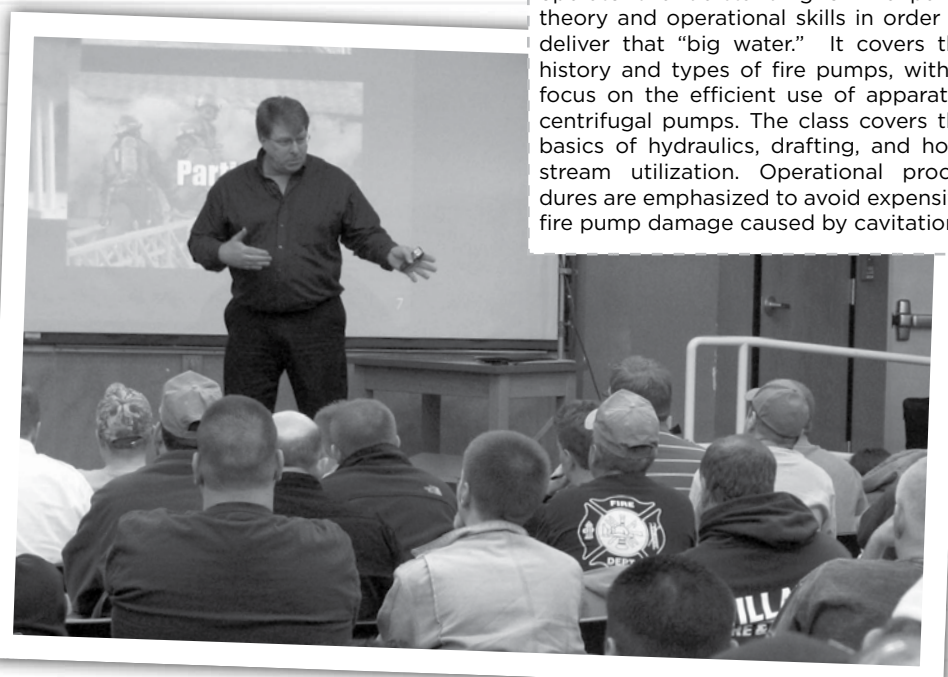
JOHN WILKE

Captain, Boone County Fire Protection District

MARK WOODWARD

Firefighter, Boone County Fire Protection District

Basic Fire Pump Theory and Operations provides a look behind the pump panel with the goal of enhancing the apparatus operator's understanding of fire pump theory and operational skills in order to deliver that "big water." It covers the history and types of fire pumps, with a focus on the efficient use of apparatus centrifugal pumps. The class covers the basics of hydraulics, drafting, and hose stream utilization. Operational procedures are emphasized to avoid expensive fire pump damage caused by cavitation.



FOUR HOUR WORKSHOPS

125

Community Risk Reduction: Beyond Fire Prevention

TERESA CRISMAN

Fire Prevention, Prince George's County Fire Department, MD

Community risk reduction (CRR) is a process to identify and prioritize local risks, followed by the integrated and strategic investment of resources, emergency response, and prevention to reduce their occurrence and impact. Join our discussion of the Prince George's County Fire/EMS Department's accomplishments and how we corrected our programs to work. As outlined by Vision 20/20 and NFPA 1300, we will discuss the six-step approach towards development by identifying risks, prioritization, developing strategies and tactics to mitigate risks, preparing the CRR plan, and implementing, monitoring, evaluating, and modifying the plan. The growth of a community and population causes change. Each year you must look at the data and see the program's strengths and accomplishments. Each year the program's focus will support the needs of your department towards funding request support of resources and many other types of programs that can and support your needs.

CEUs DFS: 4-Inspector

128

NEW

Courage Under Fire: Leadership Lessons Learned After Getting the Badge!

STEVE PRZIBOROWSKI

Deputy Chief, Santa Clara County Fire Department

WEBCAST AVAILABLE SEE PAGE 5

The primary focus of this session is to assist future or current fire officers, lieutenant up to fire chief, to prepare for and survive the challenges of their position. If you are fortunate enough to have the opportunity to serve as a leader, consider yourself lucky. However, do not forget the significant responsibility that comes with such a critical role! As a fire officer in the fire service, you must possess "courage under fire" and continuously aspire to be the best leader you can be. The saying, "If I only knew then what I know now," is the focus of this session. Current topics affecting the fire service, as well as personal lessons learned, some the hard way, will be shared and discussed. Attendees, regardless of rank or the type of department they serve at, will leave with numerous tips for leadership success. In addition to sharing my suggestions for success, I will encourage everyone in attendance to share their experiences allowing us to learn from as many people as possible and prepare us for the future. Successful organizations don't just happen by chance. It takes focus, drive, determination, persistence, and a collaborative team effort, among other things, to be successful and, more importantly, sustainable and relevant in today's world!

CEUs DFS: 4-Instructor

131

NEW

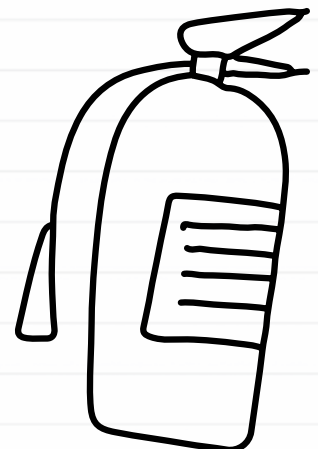
Cracking the Code and Culture on Developing Leaders

DIRK CHRISTIAN

Chief, Emergency Response Division, Kansas State Fire Marshal

This program examines and highlights the differences between leadership training and leadership development and introduces the group to the culture of leadership development through a series of interactive presentations, discussions, and dynamic interaction with the classroom. In this presentation, we will discuss the differences between training and teaching leaders, cultivating leaders at all levels of the organization, and the importance of coaching, teaching, and mentoring as a way of doing business in our fire service organizations. We will talk about leading at every level, situational leadership, and the different styles of leadership, as well as formal and informal mentorship. We will look at similarities and differences in tactical, operational, and strategic leadership in varied settings, including in the firehouse, during training, and on the fireground. Through small group interactions, we will conduct self and peer assessments, discuss our goals and desires that we seek in leaders as well as in ourselves, and define our paths to leadership excellence through self-development, professional development, and cultural development.

CEUs DFS: 4-Instructor



A Crash Course in High Voltage Emergency

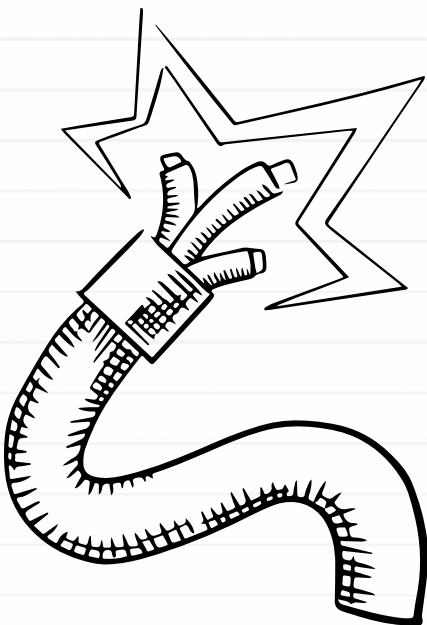
CHRIS G GREENE

Captain, Seattle Fire Department, WA

MARK COX

Firefighter, Seattle Fire Department, WA

Electrical fires are on the rise, in case you have not noticed. There is very little training available outside of the standard, stay back 10 feet, which is what we were all taught in the academy. That is easy when you are facing a cyclone fence surrounding a marked substation, but what if there aren't clear signs? What if there are no "High Voltage/Do Not Enter" placards? Would you know what to do? Will our first responders understand the hazards they are facing and the options available? The clues are always there if you know where to look. This class will help initial companies quickly recognize the presence of high voltage electrical hazards before getting in too deep. It focuses on alarms that are all around us and likely have been experienced by first responders with only one year on the job. We will teach participants the "High Voltage Size-Up" to use on everything from substation fires to building fires to traffic accidents. It will create order and focus on the chaos and confusion that often surrounds high voltage electrical emergencies. When used routinely, responders can see incidents coming long before crews get in too deep, and it helps correct tunnel vision. Participants will watch videos of emergency incidents and apply their newest tool, the high voltage size-up. Those attending will be receiving a crash course of the identical material I teach all members of the Seattle Fire Department's VRT - High Voltage Response Team.



Crawl, Walk, Run: Training Recruits for Success

DREW SMITH, EFO, CFO, LP

Fire Chief, Prospect Heights Fire Protection District, IL

SETH BARKER

Battalion Chief, Big Sky Fire Department, MT

Are we checking the boxes to get-er-done, or do we set the new members up for success? What's your approach, and why? Do you have assumptions about prerequisite knowledge, skills, or abilities (KSA)? Or biases about what that should be? Quite often, well-intended instructors and mentors try to cram twenty years of their KSA into a single training session, unproductive. In this program, we'll examine how to assess prior KSA, creating practical, realistic goals for new members, and how to prepare incumbent firefighters and officers to instruct and mentor new members.

CEUs DFS: 4-Instructor

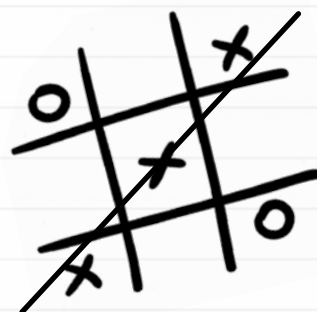
Dealing with the "Why"

BRUCE BJORGE

Senior Account Executive, Lexipol LLC

Have you ever had a firefighter that seems to ask "why" about everything you do in the firehouse? This presentation focuses on why this nagging question isn't a bad thing and is, in fact, an opportunity for growth for both you and "Firefighter Why." Join us for a discussion to understand why firefighters ask questions. We will explore how you receive and react to the questions asked of you. You have an opportunity to impact others. What are you going to do with it?

CEUs DFS: 4-Instructor



Department of Homeland Chemicals of Interest: Anhydrous Ammonia and Chlorine

MICHAEL BOOTH

Adjunct Instructor, MU Fire and Rescue Training Institute

Chemicals are vital to our everyday life and the economy. They are used to develop medicines that maintain our health, provide refrigeration for our food supply, manufacture fuel for our vehicles, and build microchips that run our smartphones. But in the hands of terrorists, toxic industrial chemicals (TIC) could potentially be used to cause great harm. This session will look at chemical and physical properties, transportation and storage containers, mitigation techniques, and decontamination of two toxic industrial chemicals anhydrous ammonia, and chlorine. They are on the Department of Homeland Security Chemical Facility Anti-Terrorism Standards (CFATS) Chemical of Interests (COI) list.

CEUs DFS: 4-Hazmat Technician

Down and Dirty Urban Forcible Entry

ROBERT JAMES

Firefighter, North Bethesda Fire Department, MD

WEBCAST AVAILABLE SEE PAGE 5

Forcible entry tools and tactics have been around for ages. The need for keeping up with the ever-changing game of forcing our way through things on the street is changing fast, but we need to prepare ourselves. This interactive, forcible entry program will teach firefighters no matter their level of experience routine and advanced principles of street smart forcible entry. This class focuses on new and older but safe street approved methods and techniques for conventional forcible entry tactics. We will discuss and demonstrate techniques used in making entry through and around locks for both residential and commercial structures. Participants will learn quick access to urban steel roll gates and how to defeat the locks and locking mechanisms for them. Overcoming street hatches, additional security features like drop bars, slide bolts, burglar bars, and modified locks. This class is interactive, and participants will face forcible entry scenarios and explain how they would overcome the challenges as well.

FOUR HOUR WORKSHOPS

147 SATURDAY PM ONLY **NEW**

The Effects of Sleep Deprivation on Firefighter and EMS Responders

SARA A **JAHNKE**, PHD
Director, Rescue and EMS Health Research

Sleep is a central process for the human body, and a lack of sleep and the resulting interrupted circadian rhythms wreak havoc on a person's health. This presentation will overview the role of sleep as a physical and behavioral health function. We will discuss current work in the area of sleep science, including its implications for cancer, cardiovascular disease, and behavioral health. Also explored in class is work within the fire service and understanding the impact of shift work.

148

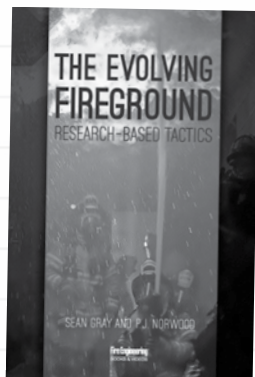
The Evolving Fireground

SEAN **GRAY**
Captain, Cobb County Fire Department, GA

WEBCAST AVAILABLE SEE PAGE 5

Join in a discussion about how fireground strategies and tactics have evolved in light of the latest fire research conducted around the world. Examine the fire tetrahedron and how fuel, heat, and air affect a fire's growth or extinguishment. Take home the lessons learned from research as well as general knowledge that illustrates safer and more effective ways to operate on the fireground. We will address how to apply this new understanding of fire behavior to two of the fire service's most important tasks, search and fire attack. Many other fire research topics will be discussed, including tactical considerations for all fireground operations. Learn the following and more, how firefighting activities affect the fire tetrahedron, and how to stay safe while working in the flow path. Search methods that isolate the firefighter and victim. Fire attack methods that minimize the air fed to the fire. Incident command size up and decision making.

On-campus attendees will receive a complimentary copy of the book, *The Evolving Fireground*.



151 **NEW**

Expectations for a Successful Fire Company

GARY **GRAF**
Assistant Chief, Pacific Fire Protection District

This class consists of a discussion of setting expectations for your organization, shifts, crews, officers, and firefighters to refine the mission of the organization. As we set expectations, we need to consider complying standards, evaluations, discipline, and organizational culture and values. Poorly defined expectations can inhibit collaboration, disengage a member's drive, and make holding individuals accountable nearly impossible. We will discuss setting expectations for yourself, things to avoid when setting expectations, and how setting expectations and monitoring them can create a clear image and direction of your fire service organization.

CEUs DFS: 4-Instructor

154

Exterior and Interior Attack: What's the Difference?

DENNIS **LEGEAR**
LeGear Engineering Fire Department Consulting

KEITH **STAKES**
Research Engineer, Underwriters Laboratories Firefighter Safety Research Institute

The Underwriters Laboratories Firefighter Safety Research Institute (UL FSRI) has completed a first-of-its-kind project focused solely on the potential impact of using interior and exterior fire streams on victims and firefighters. There are three main experiment components of the study, air entrainment, water distribution, and full-scale fire. The project consisted of a series of live-fire experiments to determine how hose streams interact with the modern fire environment. These studies are guided by a technical panel of firefighters from across the country. The UL FSRI and technical panel members from the Federal Emergency Management Agency Assistance to Firefighters Grant supported fire suppression studies will share the highlights. Bring your questions for the panel. The fire service is involved in the creation of the research objectives for the project and intended to answer lingering questions. The conclusion to these questions is crafted into tactical considerations readily adoptable by the fire service.

CEUs DFS: 4-Instructor

157 SUNDAY ONLY **NEW**

Failure to Lead

BRUCE **BJORGE**
Senior Account Executive, Lexipol LLC

This workshop is for junior or senior fire service officers or candidates focused on the importance of leadership in any organization and the consequences of failed leadership or a leader's failure to take action. Understand the value of effective leadership in the morale and mission of a fire organization. Learn the consequences of inaction and leadership failure. Identify formal and informal roles to provide effective leadership to provide needed course correction and direction to move a department in a positive direction. Join us in the discussion and avoid failing as a leader.

CEUs DFS: 4-Instructor

158 SATURDAY AM ONLY

Fight the Fire, Not The Building

RONALD **KANTERMAN**
Chief (RET)

Commercial buildings present many challenges during a firefight, but knowing what they have to offer will make your job easier and safer. This class reviews and discusses the built-in active and passive fire protection systems that make up a building's fire and life safety system and gives the participants an understanding of the workings of those systems. Upon completion, participants will be able to look at commercial buildings and other target hazards in their first due response district and make changes in strategy, tactics, and pre-fire plans. There is an emphasis on firefighter safety throughout this workshop.



159 SUNDAY ONLY NEW

Fire Cause Determination: Terrorism Reborn

RONALD KANTERMAN
Chief (RET)

This workshop will familiarize attendees with the signs of arson through fire behavior, the alarm, responding, the fire-fight, ventilation, line placement, forcible entry, the color of the smoke and flame, the reaction of the water on the fire, building construction, reading the crowd, role in the investigation, HTA fires, clan labs, interviews, court testimony, documentation and much more. This hybrid class covers fire investigation for investigators and arson recognition for the line and is enhanced with photos, slides, and case histories. Arson is one of the current tools of the terrorist, domestic and foreign. Knowing the signs of arson and causes of fire leads to safer fireground operations.

CEUs DFS: 4-Investigator

160 NEW

Fire Department Public Information Officers: Why We Need Them

SARA DAYLEY
Public Information Officer, St. Louis County Department of Health

It is the public information officer's job to protect firefighters and get one unified story to where it needs to be. While occasionally rewarding, it is also extremely stressful, sometimes hazardous, and at no time a celebrated occupation. Join us and learn how to create effective emergency communications and get messages out at a critical time and how to structure them, and what partners and or command staff to work with, and what platforms you will need to use.

163 NEW

Firefighting: Ultimate Team Sport

JERRY WELLS
Battalion Chief (RET), Lewisville Fire Department, TX

Firefighting is the ultimate team sport. So much of our success depends on the collective efforts of the many, and their responsibility affects the group. In other words, we rely on one another to succeed. We depend on one another to be prepared to do the job, both mentally and physically. We depend on one another to work together in training to know how well the team will perform. We, as officers, must emphasize that everyone in the organization has value, and successful incidents depend on these individuals and how well they work together. Through passionate stories, examples of leadership, some failures, and lessons learned, you will soon excel in a way you never thought possible. To create a great team, each individual must buy into the cause. Team success depends on individual performance. Do you know your "Why?" when it comes to your career? Be warned some discussions may sting just a little and could prove to be personally challenging. Maybe it is time to take a look in the mirror.

CEUs DFS: 4-Instructor

167

First Due Tactical Decision Making

JASON M HOEVELMANN
Chief, Florissant Valley Fire Protection District

This class focuses on all aspects of decision making for the company officer and acting officer. Pulling up to any incident offers plenty of unknowns, even when we equip ourselves as best we can. This class discusses ways to be as prepared as possible for being that first due company and officer. The first five minutes of any incident and initial actions taken will have an enormous impact on how the rest of the scene will play out. We need to prepare ourselves, both physically and mentally, to make those decisions. Join us and discuss the decision-making process and how to avoid biases. Understanding our first due response area and conducting good recon before a fire ever happens. Also, we will cover size up, building construction, and codes, drilling with purpose and urgency, intimacy with our equipment and team, smart and effective tactics and deployment, our role in special incidents, and more.

170 NEW

Flashpoint: Ignite Your Team

FRANK VISCUSO
Deputy Chief (RET), Kearny Fire Department, NJ

Based on the content in his book *Flashpoint*, Chief Viscuso draws comparisons between the four most common stages of team development and the four stages of fire, incipient, growth, fully developed, and decay. During this highly-motivational talk, Chief Viscuso explains why some teams get consumed with drama and conflict, and others thrive under pressure. He will introduce the eight essential steps you need to reach your peak performance as individuals and team leaders. Those steps are, set expectations upfront, prepare for victory, take action, delegate to develop, have the guts to persist, adapt when necessary, serve all and serve well, and reward your team.

On-campus attendees will receive a complimentary copy of the book, *Flashpoint*.

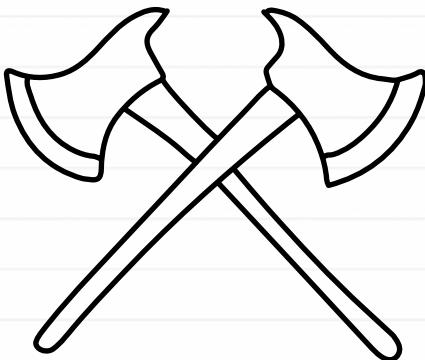
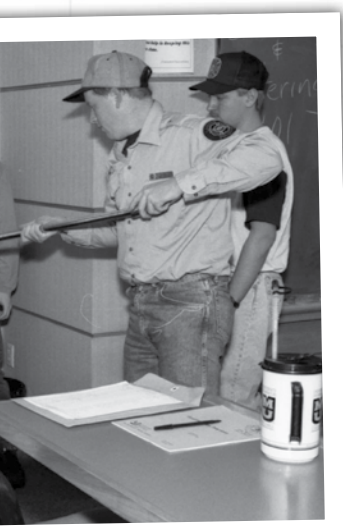
CEUs DFS: 4-Instructor

166 SUNDAY ONLY

The First 5 Minutes: Assessing Initial Attack Capabilities

FOREST REEDER
Chief, Tinley Park Fire Department, IL

Ask any company officer or crew-member about the most critical time on the fireground, and they will say without exception that the first five minutes of an incident is the most important. Our primary goals as firefighters are governed by a sense of purpose to meet specific tactical objectives. In the first five minutes as the first-due company officer or incident commander, you must be able to identify your strategic goals and your tactical objectives. We are going to discuss what needs accomplishing as engine and truck company assignments in the first five minutes.



FOUR HOUR WORKSHOPS

173

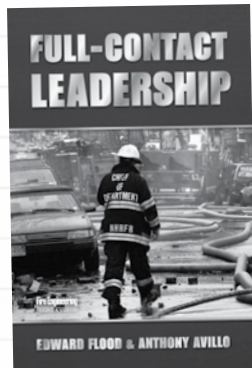
Full Contact Leadership

ANTHONY AVILLO

Deputy Chief (RET), Deputy Fire Marshal,
Monmouth County Fire Academy, NJ

This class introduces the tenets of *Full Contact Leadership* and how it applies to the fire officer as well as those who aspire to become fire officers. Understanding and addressing the often uber-uncomfortable personnel conflicts and subordinate and superior relationships are the focus. The steps to personnel conflict resolution will be compared and made applicable to the familiar fire-ground evolutions that make most fire operators comfortable. Using this technique adds a level of comfort in the areas of command and leadership discomfort.

On-campus attendees will receive a complimentary copy of the book, *Full Contact Leadership*.



176

How You Run Your Firehouse Is How You Run Your Fire Scene

ADAM NEFF

Assistant Chief of Training, Nixa Fire
Protection District

If your department is like mine, you have awesome firefighters. They are driven by their desire to serve their community. They show up every time wanting to do the best job they can. As leaders, how we develop our firefighters will be reflected in the future of our fire department. As firefighters, we must also create personal professional standards. Being prepared for the future starts now, and professional development is the key to organizational success and personal success.

CEUs DFS: 4-Instructor

179

SUNDAY ONLY

Hybrid Vehicles: Emergency Response Awareness

ALAN BRAUN

Training Officer, Cole County Fire Protection
District

Hybrid vehicles are a common sight on the roadways. This workshop introduces emergency response personnel to hybrid automobiles and the components that emergency responders could encounter during an incident. What the emergency responder doesn't know could be fatal.

180

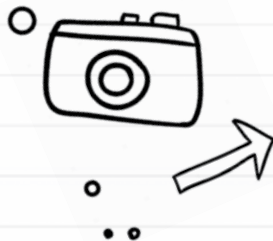
NEW

Internal Size-Up

JEFF DILL

CEO/Founder, Firefighter Behavioral Health
Alliance

This presentation involves a careful examination of behavioral health awareness for firefighters and EMS with an emphasis on understanding emotional and physical stressors, communication skills, addictions, depression, PTSD, suicide statistics, retirement, and creating a behavioral health program. The Firefighter Behavioral Health Alliance is the only organization in the US that tracks and validates all firefighter and EMS suicides.



183

NEW

It's Just a Routine House Fire or Is It?

JIM DUFFY

Battalion Chief, Wallingford Fire Department,
CT

WEBCAST AVAILABLE SEE PAGE 5

Private dwelling fires are the most common structural fire in North America. Over 2,500 civilians die in residential fires each year. Historically over 75% of civilian fire deaths occur in residential dwellings. Also, about 47% of firefighter combat deaths occur in these residential structures. It is no secret that the fire environment has changed. Buildings are more energy-efficient, structural members being made lighter and cheaper, fuel loads with higher heat release rates. It is just a routine house fire. Is it routine? If your fire department is anything like mine, you may go to the occasional commercial or warehouse fire but, odds are most of your structure fires are in one or two-family homes, private dwellings. We respond to over 360,000 home fires in the US every year. Just because this is the most common fire you go to, it does not mean that you can let your guard down. This highly interactive and challenging class will explore fire dynamics, command, fire attack, ventilation, and search in private dwelling fires. Topics include the importance of coordinating all fireground tactics safely and efficiently with limited staffing. We will also briefly discuss current scientific studies and how it may or may not relate to your tactics. Apply these lessons to other types of structure fires. Just a note, 102 home fire fatalities reported in July 2017 were in private dwelling fires.

CEUs DFS: 4-Incident Safety Officer



186

NEW

Killing Fire: Simple Solutions to Achieve Effective Fire Control

DAVID L **WOODWARD**

Training Officer, Lake Ozark Fire Protection District

This class will be a highly student-driven session that identifies successful tactical and equipment changes that facilitate more effective fire control on residential and commercial structure fires. The instructor will work with participants to assess and maximize their effectiveness with their current equipment and identify future needs. We will relate to all levels of the fire service and any career or volunteer department of any size.

189 SATURDAY ONLY

Large Vehicle Rescue: Awareness

ALAN **BRAUN**

Training Officer, Cole County Fire Protection District

WEBCAST AVAILABLE SEE PAGE 5

Accidents involving semitrailers and other large vehicles call for specialized knowledge and skills by emergency responders. This workshop is for emergency response personnel who have an interest in or experience in vehicle extrication and wish to expand their awareness. Large Vehicle Rescue: Awareness provides participants with the insight and information needed when efficiently operating and using tow trucks, rescue struts, cribbing, and airbag systems typically used to lift and stabilize heavy vehicles. Realistic vehicle extrication scenarios get presented and discussed with the tactics and strategies that are best suited for the problems associated with these large vehicles.

191

SATURDAY PM ONLY NEW

Leadership Lessons During Troubled Times

BRUCE **BJORGE**

Senior Account Executive, Lexipol LLC

With the challenges that fire services leaders have faced during 2020, some things went well, and there are areas for improvement too. This workshop discusses the importance of strong leadership during troubled times and some easy to apply steps you can use when faced with adversity. Identify common challenges organizations face during difficult times. Recognize the consequences of failing to provide strong and effective leadership and direction. Enjoy the benefits that come with strong and effective leadership and direction to lead the organization past the current difficulty.

192

SATURDAY ONLY NEW

Making Training Count

FOREST **REEDER**

Chief, Tinley Park Fire Department, IL

Is it time to change your training program into a survival program? Are your members tired of the same old drill or presentation? This class gives attendees resources and planning tools to help them upgrade their training programs to make training count. Every training minute matters, and building a survival-focused training program with quick, short, and intense training drills will help meet this challenge.

CEUs DFS: 4-Instructor

194

SATURDAY PM ONLY NEW

Managing Public Fireworks Displays

RONALD **KANTERMAN**

Chief (RET)

Join us for this class based on the book of the same title authored by Chief Kanterman. Topics will cover the chemistry of pyrotechnics, required documentation, permits, and other code requirements, site inspections, set-up, transportation, multi-agency involvement, the shot itself, post display operations, unified command operations, and more. Take the only class of its type, taught by a member of the fire service for the fire service, and taught and up-dated over 30 years for fire prevention personnel and in CEU programs.

CEUs DFS: 4-Inspector

195

NEW

Mass-Casualty Incident and Triage Management: New Paradigms

JOSHUA **STILLEY**, MD FACEP BC-EMS

Department of Emergency Medicine, University of Missouri

Events across the country have shown that adapting to new challenges in a multiple casualty incident can strengthen your response. The 40-year-old methodology we continue to train to has minimal application in the real world. Utilizing real-world events and lessons-learned, this presentation will layout practical steps in response, communication, triage, and evacuation.

198

SUNDAY ONLY NEW

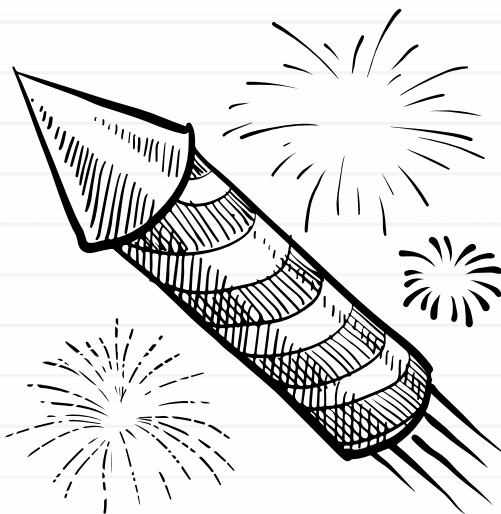
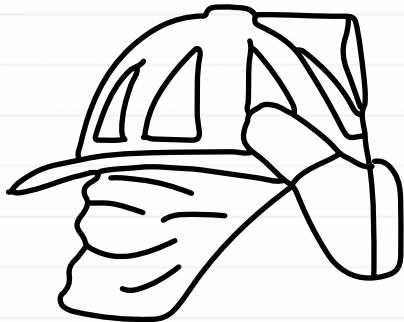
NVFC Incident Safety Officer

RANDAL E **NOVAK**

Bureau Chief (RET), Iowa Fire Service Training Bureau

WEBCAST AVAILABLE SEE PAGE 5

The National Volunteer Fire Council (NVFC), with support from the Motorola Foundation, has developed a four-part training series for the incident safety officer. This incident safety officer class presents the NVFC's B.E.S.T. practices known as behavior, equipment, standards and codes, and training. It will include an overview of ISO training, communications, safety and incident response management, and application. Upon completion of the first three modules, participants will apply lessons learned in a practical application.



FOUR HOUR WORKSHOPS

199

NEW

The Professional Volunteer Fire Department

TOM MERRILL

Fire Commissioner, Snyder Fire Department, NY

WEBCAST AVAILABLE SEE PAGE 5

The purpose of this presentation is to deliver the message that being a professional firefighter has nothing to do with earning a paycheck but has everything to do with attitude, appearance, commitment, and dedication. It includes how members approach the job. How they prepare, train, and care for their equipment. Also, how they treat the public and their members. Additionally, how they behave and interact with the public, both on and off duty.

202

Rescuing the Leader Inside of You

LARRY CONLEY

Captain, St. Louis Fire Department

DAVID CONLEY

This workshop teaches and develops leaders in every individual regardless of assigned rank. Stronger leaders build better departments. Join this intense workshop that molds participants into principled, focused leaders for fire safety and leadership. Participants learn the EMPOWER model. Internalized, this model imbues participants with tools engineered to maximize the ability to balance their efficiency and effectiveness. Participants apply the model in a prearranged high energy, deep-impact scenarios against a specially trained improvisational actor.

205 SATURDAY AM ONLY

Risky Business: Health Hazards on and Beyond the Fireground

SARA A JAHNKE, PHD

Director, Rescue and EMS Health Research

We know more than ever before about the health hazards fire and emergency personnel face through their work. Data suggests they are prone to high rates of several types of cancers, injuries, and on-duty cardiac deaths. Research also points to the importance of prevention strategies to mitigate the risks both on and off the fireground. This session will analyze current trends in cancer, cardiovascular disease, and injury, as well as risk factors and prevention strategies.

206

SATURDAY ONLY

So Now You're the Training Officer: Building Your "Instructor Tool Kit"

RANDAL E NOVAK

Bureau Chief (RET), Iowa Fire Service Training Bureau

Regardless of whether you are a full-time fire service instructor, a company officer, or a training officer, you have entered the "world of adult learning." This workshop will look at the role of the instructor and the skills necessary for success in this role. We will revisit basic teaching techniques and add skills to our "instructor toolbox." We will use the four-step method of instruction as the guide for this workshop, focusing on preparation, presentation, application, and evaluation.

CEUs DFS: 4-Instructor

208

Swiftwater and Flood Rescue: Awareness

LESLIE CREWS

Deputy Chief, Monarch Fire Protection District

This classroom-based session provides participants the necessary beforehand knowledge to safely conduct general water-based operations and search and rescue calls specific to all environments involving moving water. It is compliant with the awareness level specified by NFPA 1670 Operations and Training for Technical Rescue Incidents. This class covers equipment, training, physical requirements, pre-plan preparation, public education materials, site safety, accountability, size-up, hazard assessment procedures, utilization of the incident command system, and the risk versus benefit analysis procedures. It also identifies the commonly accepted legal practices in this increasingly occurring and dangerous environment.

211

SUNDAY ONLY

Tactical Decision-Making

PHIL JOSE

Deputy Chief (RET), Seattle Fire Department, WA

WEBCAST AVAILABLE SEE PAGE 5

This highly-interactive and informative class will teach participants to achieve rapid, accurate solutions to fireground problems. Using fireground videos, recognition-primed strategies, and a question-based approach, Phil's interactive style engages you in the decision-making process, where you will learn to identify the strengths and weaknesses of your tactical plans.

212

NEW

Tactical Discussions for Real World Operations

BRIAN P KAZMIERZAK

Kaz-Fire Consulting, Simulation and Training

This class will take you through four fireground case studies that involved a line-of-duty-death (LODD) or injury (LODI). Canby Park, Wilmington, DE, a triple LODD. Meadowood Court, LODI, Loudon County, VA. Marsh Overlook, Prince William County, VA and Woodscape Drive, Howard County, MD, LODD. Each of these fires has in-depth video case studies that drive the discussion. This discussion is entirely interactive, and participation is a must. Through participation, you will help to determine the strength, weaknesses, opportunities, and threats of each of these case studies in direct relation to your department.

CEUs DFS: 4-Incident Safety Officer

215

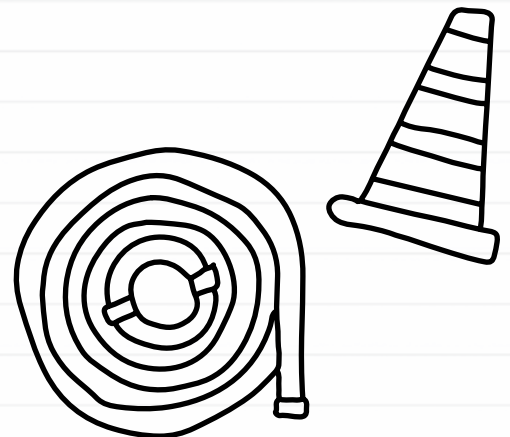
Taking Action Against Cancer in the Fire Service

JEFFREY S STRAWN

Missouri Director, Firefighter Cancer Support Network

Multiple studies have demonstrated statistically higher rates of various types of cancers in firefighters compared to the general American population. To help address the alarming rate of cancer in the fire service, the Firefighter Cancer Support Network has published an industry white paper. It provides useful information regarding the risks firefighters face during their duties and also offers practical tips for minimizing their exposure to cancer-causing substances.

CEUs DFS: 4-Hazmat, 4-Incident Safety Officer, 4-Inspector, 4-Instructor, 4-Investigator
EMS: Paramedic Division VI: Operations - 4, EMT-B Module I: Preparatory - 2, Elective - 2



Things Go Wrong Even When You Do Everything Right!

AARON BURLINGAME
Captain, St. Charles Fire Department

JAMIE YOUNG
Battalion Chief, St. Charles Fire Department

Things happen in our line of work, just as it does for EMS and the police. We regularly put ourselves in unpredictable and uncontrollable situations. We help people that need us, but we also see and experience things that the rest of the world does not want to, but that's why we train! Nature does not make good firefighters, paramedics, and police officers, but our training does. This program will teach how to survive a traumatic event mentally, physically, and as a department. You will understand the steps it takes to help recover from a traumatic event. Join the discussion and how to avoid these situations. Also, how to respond as an administration, staff member, coworker, friend, and family member.

Through the Lock

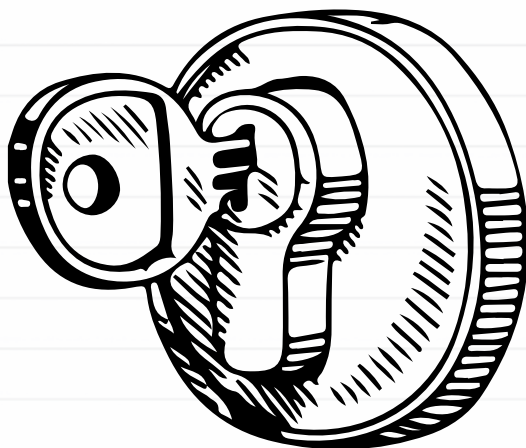
CHAD DAILEY
Captain, Kansas City Fire Department

MATT BLACK
Captain, Kansas City Fire Department

WEBCAST AVAILABLE SEE PAGE 5

Through the lock forcible entry is one of the most overlooked and under-utilized forcible entry techniques. This technique is often thought to be too slow or too complex for many fireground applications. That is simply not true. Participants will receive background information about *Through the Lock* tools and procedures while being guided through manipulation of various locks.

CEUs DFS: 4-Technical Rescue



Training with Props and Simulators: Pros and Cons

LYNN MORGAN
Captain, Republic Fire Department

Join us for a detailed discussion on the pros and cons of training with props and simulators. We will explore what type of props and simulators are available and how they apply to both recruits and seasoned firefighters in training evolutions. We will examine the reaction after the training evolution and the solution on how to overcome problems. Also, we will detail the importance of cleaning and inspected props regularly.

Twelve Ways to Kill a First Responder

RICHARD B GASAWAY, PHD
Gasaway Consulting Group, LLC

WEBCAST AVAILABLE SEE PAGE 5

This dynamic, interactive, informative, and entertaining program addresses the twelve most challenging situational awareness barriers. Intuitively, most responders understand the importance of situational awareness. However, many firefighters are never taught what it is and how it is developed. How it can erode and how to regain it once it has. This void in training has proven, consistently over time, to have catastrophic consequences. Flawed situational awareness and their barriers are consistently identified as leading contributing factors in responder casualty reports. The purpose of this program is to help you understand both why and how situational awareness can be flawed.

On-campus attendees will receive a complimentary copy of the 3 DVD set, *Fifty Ways to Kill a First Responder: Improving Emergency Services Situational Awareness*.

CEUs DFS: 4-Incident Safety Officer



Wildland Urban Interface Incidents for the Structural Firefighter

TOM AURNHAMMER, EFO CFO MIFIREE
IAAI-CFI
Certified Fire Investigator, IRIS Fire Investigations, Inc.

WEBCAST AVAILABLE SEE PAGE 5

As incidents in the Wildland Urban Interface (WUI) continue to increase, many rural and municipal fire departments respond to fires in these WUI areas. They must be ready to perform structure protection as well as determine escape routes, maintain communication, establish safety zones, and factor in weather, fuel types, and topography. In short, fighting a WUI fire is much different than fighting a structure fire. Therefore, structural firefighters must be ready to operate in an entirely different environment than the one they're used to. This presentation looks at operational activities and safety concerns for structural firefighters and company officers assigned to a Wildland Urban Interface (WUI) incident. Topics covered include an introduction to wildland firefighting, wildland fire behavior, fire weather, tactics and strategy, and structural triage.



EIGHT HOUR WORKSHOPS

233 SATURDAY ONLY

Certified Fire and Ambulance District Board Training

MONTE OLSEN

Missouri Association of the Fire Protection Districts

This workshop will provide the necessary training and education required for newly appointed fire district board members under Missouri state law. The Missouri Association of Fire Protection Districts has developed the curriculum used in this class to assist new board members in understanding the legal liabilities and personal obligations of their position. Topics will include the authority of the board, responsibilities, rules, laws of elected board members, elections, and how to preside at a meeting.

POST 8-Legal

234 SATURDAY ONLY

NEW

Company Officer Boot Camp

BRIAN ZAITZ

Assistant Fire Chief, Kirkwood Fire Department

The role of the company officer is arguably the most critical in the fire service, providing the link between the line firefighter and administration. Engaging in daily leadership with crews and making decisions as a first arriving unit on the fireground. These tasks are not to be taken lightly, and this boot camp class is a combination of lectures and activities that challenge participants and create growth opportunities. Attendees will be guided through various aspects of leadership, including active listening, creating trust, delegation, and creativity, all to transform a crew into a team. We will look at the station environment, showing how it may be set up to fail and how the company officer can overcome those obstacles. We will discuss a review of tactics and strategies, looking at objectives as the critical link between the overall strategy, and the applied tactics for fireground success. In the end, you will leave with a value-added skill set that enhances your crew and organization upon your return to the station.

CEUs DFS: 8-Instructor

235 SATURDAY ONLY

Simulated Incident Management for First Arriving Officer

KENNETH VOMUND

Assistant Fire Chief, O'Fallon Fire Protection District

JERRY BLOMBERG

Division Chief of Training Jefferson City Fire Department

Officers first arriving on single and multifamily residential structure fires are faced with many challenges and often fewer resources than needed for full incident mitigation. This workshop will refresh participants on primary incident management skills while providing the opportunity for hands-on, simulated application. Join us for topics and custom made computer simulations designed for your specific departmental needs. The discussion will include command and control, incident organization, size-up, communications, personnel accountability, and incident benchmarking. We will utilize computer simulations to emphasize the topics discussed.

CEUs EMS: Paramedic Division VI: Operations - 4, EMT-B Elective - 4

Qualifies for the MU FRTI *Fire Officer Certificate Program*.

236 SATURDAY ONLY

NEW

SUAS FAA 107: Remote Pilot Airman Certificate Prep Course

ZICO OROZCO

Firefighter, Boone County Fire Protection District

JASON WARZINIK

Firefighter, Boone County Fire Protection District

This workshop introduces you to the components of the initial aeronautical knowledge test and prepares you to take the FAA 107 exam. Test topic areas presented will include applicable regulations relating to small remote piloted aircraft system rating privileges, limitations, and flight operations. We will also cover airspace classification, operating requirements, and flight restrictions that affect these aircraft operations. Further topics will include aviation weather sources and the effects on these aircraft's performance and their loading and performance. We will examine emergency procedures, crew resource management, radio communication procedures, determining the performance of small remote piloted aircraft, physiological effects of drugs and alcohol, aeronautical decision-making and judgment, airport operations, and maintenance and preflight inspection procedures.

TWELVE HOUR COURSES

237

NEW

Attributes of Leading

RICK BEST

National Advocate Manager, National Fallen Firefighters Foundation

Attributes of Leading is based on case studies and is highly-interactive and practical. This presentation focuses on six qualities of leading: competence, grit, wellness, trust, humility, and self-regulation. Attributes of Leading builds more effective fire service leaders of all ranks. Through a process of view, review, introspection, and discussion, the program seeks to stimulate leaders to focus on qualities that constructively influence members regarding overall performance, health, and safety. Short videos for each attribute featuring firefighters and officers from across the country, as well as thoughtful words from the late Chief Alan Brunacini, are used to stimulate discussion. Participants will leave ready to infuse this program into their officer development and continuing education programs.

CEUs DFS: 12-Instructor

238

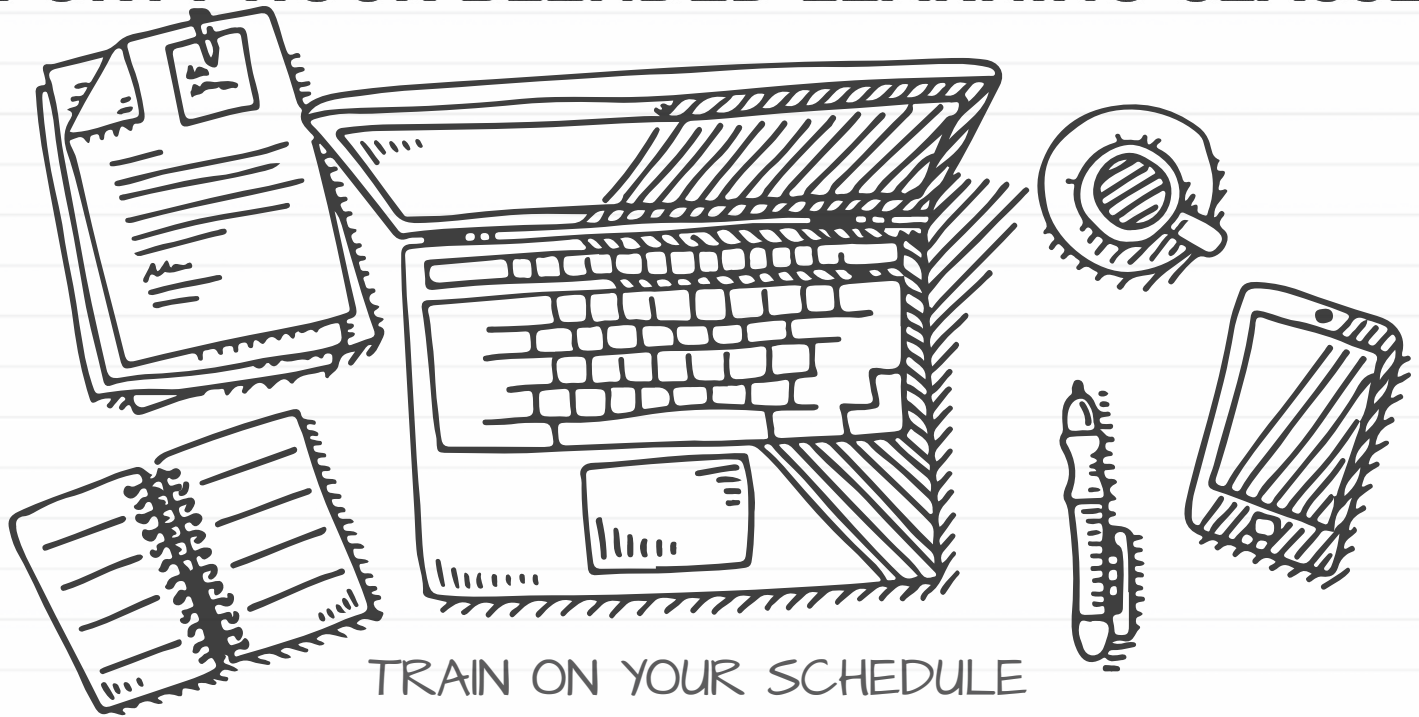
Leadership in Supervision: Creating Environments for Professional Growth

DAVID HALL

Fire Chief (RET)

This class presents the supervisor with the leadership skills and tools needed to perform effectively in the fire and EMS environment. It includes concepts related to a successful transition to supervisory and leadership roles, including concepts of adaptive leadership, change management, and active followership. We will explore how to achieve effective communication, including difficult conversations and inquiry-based advocacy dialogue, ethics, authority, power, decision-making, and active engagement. Throughout, we will develop a personal plan for professional growth.

FORTY HOUR BLENDED LEARNING CLASSES



TRAIN ON YOUR SCHEDULE

Each of these courses trade a significant portion of travel and classroom time for the convenience of structured, interactive online learning with remote instructor support. Each course schedule is designed to provide effective learning and a positive experience. Participants will be required to meet the first day in the classroom and then interact online for the remainder of the course. All courses are supported by instructors and a staff member, readily available by email and telephone.

239 SATURDAY ONLY

Fire Officer I

OLAN MORELAN
Assistant Chief,
Springfield Fire Department

Prerequisites: *Fire Service Instructor I*, and an equivalent ICS 100-200 level course

This course is designed to provide individuals with the ability to perform as an entry-level supervisor in a fire service organization. Following the requirements of NFPA 1021, *Standard for Fire Officer Professional Qualifications*, Chapter 4, 2014 edition, this course examines the fire officer level I role in human resources management, community and government relations, inspection and investigation, emergency services delivery, and health and safety.

Blended Delivery: *Scheduled for completion March 27, 2021.*

DFS: 4-Inspector,
CEUs 12-Instructor,
4-Investigator

Qualifies for the MU FRTI *Fire Officer Certificate Program*.

240 SATURDAY ONLY

Fire Officer II

MICHAEL MOORE
Deputy Chief, Southern Stone Fire
Protection District

Prerequisites: *Fire Officer I*, ICS 300 is recommended

This course is designed to provide individuals with the ability to perform as a supervisor/manager in a fire service organization. Following the requirements of NFPA 1021, *Standard for Fire Officer Professional Qualifications*, Chapter 5, 2014 edition, this course examines the fire officer level II role in human resources management, community and government relations, inspection and investigation, emergency services delivery, and health and safety.

Blended Delivery: *Scheduled for completion March 27, 2021.*

DFS: 4-Inspector,
CEUs 12-Instructor,
4-Investigator

Qualifies for the MU FRTI *Fire Officer Certificate Program*.

241 SATURDAY ONLY

Fire Service Instructor I

JEFF DUCKWORTH
Captain,
Branson Fire Department

Prerequisites: None

This course addresses NFPA 1041, *Standard for Fire Instructor Professional Qualifications*, Chapter 4, 2012 edition competencies at the fire service instructor I level. This course focuses on the presentation skills needed by new instructors delivering prepared lesson plans. Participants will cover lesson plan preparation, presentation skills, using audiovisual equipment, identifying lesson objectives, questions, tests, and evaluation instruments.

Blended Delivery: *Scheduled for completion March 27, 2021.*

POST 17 hrs Interpersonal,
5 hrs Legal,
12 hrs Skill,
6 hrs Technical

242 SATURDAY ONLY

Fire Service Instructor II

MICHAEL J NOVAK
Division Chief,
Branson Fire Department

Prerequisites: *Fire Service Instructor I*

This course is designed to provide individuals with the ability to perform as an entry-level supervisor in a fire service organization. Following the requirements of NFPA 1021, *Standard for Fire Officer Professional Qualifications*, Chapter 4, 2014 edition, this course examines the fire officer level I role in human resources management, community and government relations, inspection and investigation, emergency services delivery, and health and safety.

Blended Delivery: *Scheduled for completion May 1, 2021.*

CEUs DFS: 40-Instructor
8 hrs Interpersonal,
POST 16 hrs Skill,
16 hrs Technical

Blended Delivery: Participants will meet in-person for the first day of class to receive an orientation and login instructions. The remainder of the class will be instructor-led through an online portal over the following weeks. These courses require a computer and Internet access, please bring an Internet-capable laptop to class.

OPENING SESSIONS

Limited Seating

FRIDAY, FEBRUARY 5, 2021

Join us for three opening sessions at Winter Fire School. These keynote sessions are included with your conference tuition and will kick off the weekend. Limited seating is available and is on a first-come basis. The presentations are available to watch live over the internet if you prefer.

HOLIDAY INN EXECUTIVE CENTER · 2200 INTERSTATE 70 DRIVE SW



MIKE DUGAN

Captain, New York City Fire Department

Why Are We Here

1:00 p.m., Friday, February 5, 2021



RON KANTERMAN

Chief (RET)

**Taking a Good Look in the Mirror:
A Leadership Perspective**

3:00 p.m., Friday, February 5, 2021



FRANK VISCUSO

Deputy Chief (RET), Kearny Fire Department, NJ

Forging a Winning Culture

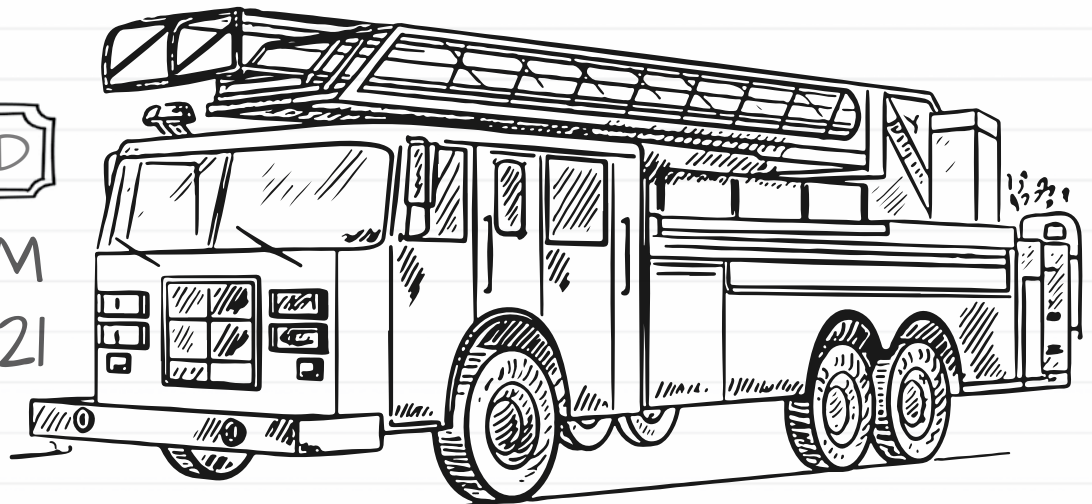
6:00 p.m., Friday, February 5, 2021

EQUIPMENT EXPOSITION

RESCHEDULED

12:00-9:00 PM

MAY 21, 2021



HOLIDAY INN EXECUTIVE CENTER · 2200 INTERSTATE 70 DRIVE SW

The 2021 Equipment Exposition has been rescheduled to comply with local COVID-19 ordinances. The event will coincide with the 2021 Summer Fire School. Please join us this summer and again at the 2022 Winter Fire School as in years past.








Online Map @ mufrti.org







LODGING

Lodging arrangements are the responsibility of the individual participant. The following facilities have been designated as official hotels of the fire school. The rates listed are discounted. To receive these rates you must make reservations at least 30 days prior to fire school and indicate you are attending the Winter Fire School. Rates are flat unless noted. All facilities have smoke detectors in sleeping rooms per local ordinance. All Hotels Meet *The Hotel and Motel Fire Safety Act of 1990*.

ATTRACTIONS

- COLUMBIA MALL**  2300 Bernadette Dr
- COSMO PARK**  1615 Business Loop 70 W
- THE DISTRICT**  Downtown Columbia, Missouri
- JESSE HALL & COLUMNS**  MU Campus, Conley Ave.
- MUSEUM OF ART**  115 Business Loop 70 W

EVENT

- ARTS & SCIENCE BUILDING**  Classrooms, MU Campus, Conley Ave.
- STRICKLAND BUILDING**  Classrooms, MU Campus, Rollins St.
- WEBCASTS**  Classrooms, MU Campus, Rollins St.
- OPENING SESSIONS**  2200 Interstate 70 Dr SW
- MU STUDENT CENTER**  911 E. Rollins St.
- PARKING**  Please Park Only in Designated Lots

ID	HOTEL	★HOST HOTEL	ADDRESS	PHONE	WEBSITE	RATE
①	Candlewood Suites		1400 Creekwood Parkway	573-256-0200	ihg.com	\$225
②	Comfort Suites		1010 Business Loop 70 West	573-443-0055	choicehotels.com	\$85
③	Drury Inn and Suites		1000 Knipp Street	573-445-1800	druryhotels.com	\$89
④	Drury Plaza		3100 I-70 Drive Southeast	573-441-0090	druryhotels.com	\$99
⑤	Hampton Inn and Suites		1225 Fellow's Place Boulevard	573-214-2222	hamptoninn.com	\$109
⑥	Hilton Garden Inn		3300 Vandiver Drive	573-814-5464	hiltongardeninn.com	\$109
★	Holiday Inn Executive Center		2200 I-70 Drive Southwest	573-445-8531	holidaycolumbia.com	\$120
⑧	Holiday Inn Express and Suites		1402 Cinnamon Hill Lane	573-442-8034	ihg.com	\$135
⑨	Stoney Creek Hotel		2601 South Providence Road	573-442-6400	stoneycreekhoteles.com	\$95
⑩	Townplace Suites		4400 Nocona Parkway	573-817-0012	marriott.com	\$90

GENERAL INFORMATION

LOCATION

Winter Fire School courses and workshops will be conducted on the University of Missouri-Columbia campus. Opening sessions will be located in the Columbia Expo Center at the Holiday Inn Executive Center. (See page 18 for details)

CLASS SELECTION

Participants of the 2021 Winter Fire School may select any three (3) 4-hour workshops, any one (1) 12-hour course, or any one (1) 8-hour workshop or 40-hour blended learning course and any one (1) 4-hour workshop. We will make every effort to enroll you in your first choice selections. However, in the event that your primary choices are full, please choose alternate selections for each course or workshop selected. Changes in class selection must be made immediately upon receipt of confirmation and are subject to availability.

POST: Qualifies for the Department of Public Safety's Peace Officer Standards and Training Program continuing education requirements.

CEU: Qualifies for Continuing Education Units a measure used to assist emergency service professionals to maintain their license.

AGE DISCLAIMER

Individuals under the age of 16 may not participate in the Winter Fire School. Those 16 to 17 years of age may participate with a written statement of responsibility by an accompanying adult member of the sponsoring organization who will participate in the same class(es). This must be filed with our office prior to the school. Contact MU FRTI for more information.

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 and classroom activities. Acceptable attire at the fire school is business casual or official department uniform.

TUITION

Preregistration is required for the 2021 Winter Fire School. Accepted payment methods include department purchase order, letter of billing authorization on official letterhead, personal check made payable to University of Missouri, and VISA, MasterCard, or Discover credit cards.

Fee	After 1/22/21
\$230	\$280

WEBCAST

Webcasts require a high speed internet connection. Single User fees are per person, per session. Site License fees include ten participants per session. All registered participants will receive certificates. Access information will be provided via email prior to webcasts.

License Type	Fee Per Class
Single User	\$60
Site License	\$300

BLENDED LEARNING

Participants will meet in-person with their laptop for the first day of class to receive an orientation and login credentials. The remainder of the class will be instructor-led online during the weeks that follow.

Fee	After 1/22/21
\$325	\$375

BILLING AND REFUNDS

Invoices will not be sent to individuals. Organizations may be billed for fees if the registration form is accompanied by a purchase order or authorization letter signed by an organization administrator on official letterhead. Billing for all registered participants will be done regardless of attendance.

Full refunds upon written request received on or prior to January 22, 2021

No refunds after January 22, 2021.

CONFIRMATION

All participants will receive an email confirmation upon registering. A final class confirmation and schedule will be sent via email after January 22, 2021. If you have not received a class confirmation and schedule one week prior to the conference, please contact (573) 882-4349 or (866) 682-6663.

ALCOHOL/SMOKING POLICY

The University of Missouri is both an alcohol and smoke free campus.

PARKING

For a detailed map of designated parking areas please visit: mufrti.org

CUSTOMER SERVICE

If you need assistance at the fire school you may stop by the Service Desk during the following times:

Friday, February 5: 12:00-8:00 p.m.
Holiday Inn Executive Center

Saturday, February 6: 7:00-5:30 p.m.
MU Campus at the Arts and Science Building or the Strickland Building

Sunday, February 7: 7:00-12:00 p.m.
MU Campus at the Arts and Science Building or the Strickland Building

CONFERENCE QUESTIONS?

Questions about Winter Fire School:

Fire and Rescue Training Institute
800-869-3476 or 573-882-4735
email: frti@missouri.edu

REGISTRATION QUESTIONS?

Questions about registration:

MU Conference Office
573-882-8320
email: muconf4@missouri.edu

NOTICE OF NONDISCRIMINATION

The University of Missouri does not discriminate on the basis of race, color, religion, national origin, sex, sexual orientation, gender identity, gender expression, age, disability or status as a qualified protected veteran. For more information, call Human Resource Services at 573-882-4256, the Director of MU Equity/Title IX Coordinator at 573-882-9069 or the U.S. Department of Education, Office of Civil Rights. This publication is made available in accessible formats upon request. For assistance please call 800-869-3476.

AMERICANS WITH DISABILITIES

If you have special needs as addressed by the Americans with Disabilities Act, please contact the MU Fire and Rescue Training Institute at 800-869-3476 immediately. Reasonable efforts will be made to accommodate your needs.



@MUFRTI



@MU_FRTI



MU_FRTI



MUFRTI



MUFRTI.ORG

WEBCAST REGISTRATION

PERSONAL INFORMATION

FEMA SID*

and/or

Drivers License Number

(one of the above numbers is required to issue University of Missouri CEU's)

First Name

MI

Last Name

Home Mailing Address

City

State

Zip Code

Day Phone

Evening Phone

E-mail Address (required)

Sex

Date of Birth

Type of Firefighter

Female Male

Career Volunteer

Organization

Rank/Title

*The FEMA Student Identification (SID) number is a unique number generated by FEMA. You can obtain more details and sign up for a FEMA SID here: <https://cdp.dhs.gov/femasid/>

ENROLLMENT FEES

STEP 1: CHOOSE the webcast(s) you wish to attend.

STEP 2: CHOOSE the License Type

WEBCASTS	TIMES	SINGLE USER	DEPARTMENT SITE
<input type="checkbox"/> American Command	243	<input type="checkbox"/> \$60	<input type="checkbox"/> \$300
<input type="checkbox"/> Down and Dirty Urban Forcible Entry	244		
<input type="checkbox"/> It's Just a Routine House Fire or Is It?	245		
<input type="checkbox"/> The Professional Volunteer Fire Department	246		
<input type="checkbox"/> The Evolving Fireground	247	<input type="checkbox"/> \$60	<input type="checkbox"/> \$300
<input type="checkbox"/> Large Vehicle Rescue: Awareness	248		
<input type="checkbox"/> Twelve Ways to Kill a First Responder	249		
<input type="checkbox"/> Wildland Urban Interface Incidents for the Structural Firefighter	250	<input type="checkbox"/> \$60	<input type="checkbox"/> \$300
<input type="checkbox"/> Courage Under Fire: Leadership Lessons Learned After Getting the Badge!	251		
<input type="checkbox"/> NVFC Incident Safety Officer	252		
<input type="checkbox"/> Tactical Decision-Making	253		
<input type="checkbox"/> Through the Lock	254		

STEP 3: TOTAL your fees on the line provided.

Total

\$

SINGLE USER LICENSE - \$60 PER WEBCAST

Per person, per webcast, and includes one certificate.

DEPARTMENT SITE LICENSE - \$300 PER WEBCAST

Per department, per webcast and includes ten certificates.

Detailed information on access will be provided via e-mail within two weeks of webcast.

METHOD OF PAYMENT

Check: Enclosed and made payable to *University of Missouri*.

Organization

Purchase Order or Letter of Billing Authorization:
Enclosed and includes phone number and address.

Mailing Address for Receipt (if different from registrant)

Paying with a Credit Card? Please register online at mufrti.org.

City

State

Zip Code

REGISTER

ONLINE

mufrti.org

Online registration and payment via credit card or purchase order are available through our website. Register as a group, individual, or on behalf of someone else.

MAIL

Mail your completed form with payment to:

MU Conference Office
c/o MU FRTI Winter Fire School
1110 South College Ave
Columbia, MO 65211

EMAIL

muconf4@missouri.edu

Scan your completed form or the form fillable PDF and submit via email along with purchase order or letter of billing.

QUESTIONS?

Please contact us if you have any questions about registration.

muconf4@missouri.edu

573-882-8320

No refunds will be given after January 22, 2021. Cancellations must be made in writing for consideration of any reimbursement or credit. By registering you are agreeing to allow any photos taken of you during Winter Fire School by MU FRTI to be used in future web and printed publications.

REGISTRATION

PERSONAL INFORMATION

Sex _____ Date of Birth _____ Type of Firefighter _____

FEMA SID* _____ and/or Drivers License Number _____
(one of the above numbers is required to issue University of Missouri CEU's)

Female Male _____ | _____ | _____ Career Volunteer

First Name _____ MI _____ Last Name _____ Organization _____

Home Mailing Address _____ Rank/Title _____
In Case of Emergency Contact:

City _____ State _____ Zip Code _____ Name _____ Phone _____

Day Phone _____ Evening Phone _____

This is my first time attending Winter Fire School.
 I am a minor, (16-17 years old) and attending with the following adult: _____

E-mail Address (required) _____

*The FEMA Student Identification (SID) number is a unique number generated by FEMA. You can obtain more details and sign up for a FEMA SID here: <https://cdp.dhs.gov/femasid/>

ENROLLMENT FEES

STEP 1: FILL IN BOTH the number and title for each class you wish to attend **AND** an alternative choice. *If your first choice is not available, you will be enrolled in your alternative choice.* Up to twelve hours of classes are included, but are not required for enrollment.

STEP 2: CHECK ONE based on date of payment.

1ST CHOICE		ALTERNATIVE CHOICE		Fee	After 01/22/21
Class #	Title	Class #	Title		
1. _____	1. _____	1. _____	1. _____	<input type="checkbox"/> \$230	<input type="checkbox"/> \$280
2. _____	2. _____	2. _____	2. _____		
3. _____	3. _____	3. _____	3. _____		

STEP 3: OPTIONAL If you wish to attend these optional classes please check the corresponding box. ONE SUNDAY workshop is included.	<input type="checkbox"/> Fire Officer I - Blended Learning	Saturday 8:00 a.m. – 5:00 p.m.	<input type="checkbox"/> \$325	<input type="checkbox"/> \$375
	<input type="checkbox"/> Fire Officer II - Blended Learning	Saturday 8:00 a.m. – 5:00 p.m.		
	<input type="checkbox"/> Fire Service Instructor I - Blended Learning	Saturday 8:00 a.m. – 5:00 p.m.		
	<input type="checkbox"/> Fire Service Instructor II - Blended Learning	Saturday 8:00 a.m. – 5:00 p.m.		
	1ST CHOICE SUN CLASS #: _____ ALT CHOICE SUN CLASS #: _____	Sunday 8:00 a.m. – 12:00 p.m.		

STEP 4: OPTIONAL If you wish to attend any opening sessions IN PERSON please check those boxes.	<input type="checkbox"/> Why Are We Here • Mike Dugan	Friday 1:00 p.m. - 2:30 p.m.	FREE Limited Seating Online Version Available
	<input type="checkbox"/> Taking a Good look in the Mirror: A Leadership Perspective • Ron Kanterman	Friday 3:00 p.m. - 4:30 p.m.	
	<input type="checkbox"/> Forging a Winning Culture • Frank Viscuso	Friday 6:00 p.m. - 7:30 p.m.	

STEP 5: TOTAL your fees on the line provided. _____ **Total** \$ _____

METHOD OF PAYMENT

Check: Enclosed and made payable to *University of Missouri*.

Purchase Order or Letter of Billing Authorization:
Enclosed and includes phone number and address.

Paying with a Credit Card? Please register online at mufrti.org.

Organization _____

Mailing Address for Receipt (if different from registrant) _____

City _____ State _____ Zip Code _____

REGISTER

ONLINE	MAIL	@ EMAIL	QUESTIONS?
mufrti.org Online registration and payment via credit card or purchase order are available through our website. Register as a group, individual, or on behalf of someone else.	Mail your completed form with payment to: MU Conference Office c/o MU FRTI Winter Fire School 1110 South College Ave Columbia, MO 65211	muconf4@missouri.edu Scan your completed form or the form fillable PDF and submit via email along with purchase order or letter of billing.	Please contact us if you have any questions about registration. muconf4@missouri.edu 573-882-8320

No refunds will be given after January 22, 2021. Cancellations must be made in writing for consideration of any reimbursement or credit. By registering you are agreeing to allow any photos taken of you during Winter Fire School by MU FRTI to be used in future web and printed publications.

Course Number	Course / Workshop	TIME OFFERED			Page Number	CONTINUING EDUCATION UNITS							
		● WEBCAST				EMS	HAZMAT	Incident Safety	Inspector	Instructor	Investigator	POST	Tech Rescue
		NEW	SAT AM	SAT PM		SUN AM							
FOUR HOUR WORKSHOPS													
101-102	Adaptive Tactical Implementation: Suburban Fire Tactics	◆	●	●	●	6			*				
103	Adaptive Truck Company Operations: The Nontraditional Truck Company	◆			●	6			*				
104	Advanced Certified Fire and Ambulance District Board Training				●	6							
105-107	Aggressive Interior Firefighting	◆	●	●	●	6							
108-110	American Command	◆	●	●	●	6							
111-112	The Art of Reading Buildings		●	●	●	7			*	*	*		
113-114	The Art of Reading Smoke		●	●	●	7			*				
115	Basement Fires: Strategies for Success	◆			●	7			*				
116-118	Basic Fire Pump Theory and Operations: Getting the Wet Stuff to the Red Stuff	◆	●	●	●	7							
119-121	Before the Front Door: Command Decisions	◆	●	●	●	7			*				
122-124	Civil Unrest: What We've Learned Since 2014	◆	●	●	●	7							
125-127	Community Risk Reduction: Beyond Fire Prevention		●	●	●	8			*				
128-130	Courage Under Fire: Leadership Lessons Learned After Getting the Badge!	◆	●	●	●	8				*			
131-133	Cracking the Code and Culture on Developing Leaders	◆	●	●	●	8				*			
134-136	A Crash Course in High Voltage Emergency		●	●	●	9							
137-139	Crawl, Walk, Run: Training Recruits for Success	◆	●	●	●	9				*			
140	Dealing with the "Why"	◆	●	●	●	9				*			
141-143	Department of Homeland Chemicals of Interest: Anhydrous Ammonia and Chlorine		●	●	●	9		*					
144-146	Down and Dirty Urban Forcible Entry		●	●	●	9							
147	The Effects of Sleep Deprivation on Firefighter and EMS Responders	◆		●	●	10							
148-150	The Evolving Fireground		●	●	●	10							
151-153	Expectations for a Successful Fire Company	◆	●	●	●	10				*			
154-156	Exterior and Interior Attack: What's the Difference?		●	●	●	10				*			
157	Failure to Lead	◆		●	●	10				*			
158	Fight the Fire, Not the Building		●		●	10							
159	Fire Cause Determination: Terrorism Reborn	◆		●	●	11					*		
160-162	Fire Department Public Information Officers: Why We Need Them	◆	●	●	●	11				*			
163-165	Firefighting: Ultimate Team Sport	◆	●	●	●	11				*			
166	The First 5 Minutes: Assessing Initial Attack Capabilities				●	11							
167-169	First Due Tactical Decision Making		●	●	●	11							
170-172	Flashpoint: Ignite Your Team	◆	●	●	●	11				*			
173-175	Full Contact Leadership		●	●	●	12							
176-178	How You Run Your Firehouse is How You Run Your Fire Scene		●	●	●	12				*			
179	Hybrid Vehicles: Emergency Response Awareness				●	12							
180-182	Internal Size-Up	◆	●	●	●	12							
183-185	It's Just a Routine House Fire or Is It?	◆	●	●	●	12			*				
186-188	Killing Fire: Simple Solutions to Achieve Effective Fire Control	◆	●	●	●	13							
189-190	Large Vehicle Rescue: Awareness		●	●	●	13							
191	Leadership Lessons During Troubled Times	◆		●	●	13							
192-193	Making Training Count	◆	●	●	●	13				*			
194	Managing Public Fireworks Displays	◆		●	●	13			*				
195-197	Mass-Casualty Incident and Triage Management: New Paradigms	◆	●	●	●	13							
198	NVFC Incident Safety Officer	◆		●	●	13							
199-201	The Professional Volunteer Fire Department	◆	●	●	●	14							
202-204	Rescuing the Leader Inside of You		●	●	●	14							
205	Risky Business: Health Hazards on and Beyond the Fireground		●		●	14							
206-207	So Now You're the Training Officer: Building Your "Instructor Tool Kit"		●	●	●	14				*			
208-210	Swiftwater and Flood Rescue: Awareness		●	●	●	14							
211	Tactical Decision-Making				●	14							
212-214	Tactical Discussions for Real World Operations	◆	●	●	●	14			*				
215-217	Taking Action Against Cancer in the Fire Service		●	●	●	14	*	*	*	*	*	*	
218-220	Things Go Wrong Even When You Do Everything Right!		●	●	●	15							
221-223	Through the Lock		●	●	●	15						*	
224-226	Training with Props and Simulators: Pros and Cons	◆	●	●	●	15							
227-229	Twelve Ways to Kill a First Responder	◆	●	●	●	15			*				
230-232	Wildland Urban Interface Incidents for the Structural Firefighter	◆	●	●	●	15							
EIGHT HOUR WORKSHOPS													
233	Certified Fire and Ambulance District Board Training		●			16						*	
234	Company Officer Boot Camp	◆	●			16				*			
235	Simulated Incident Management for First Arriving Officer		●			16	*						
236	sUAS FAA 107: Remote Pilot Airman Certificate Prep Course	◆	●			16							
TWELVE HOUR COURSES													
237	Attributes of Leading	◆	●			16				*			
238	Leadership in Supervision: Creating Environments for Professional Growth		●			16							
FORTY HOUR BLENDED LEARNING CLASSES													
239	Fire Officer I		●			17			*	*	*		
240	Fire Officer II		●			17			*	*	*		
241	Fire Service Instructor I		●			17					*	*	
242	Fire Service Instructor II		●			17			*		*	*	



MUFRTI.ORG

FIRE SERVICE LEADERSHIP ENHANCEMENT PROGRAM
January 13-14 • February 17-18 • March 17-18, 2021

SUMMER FIRE SCHOOL
May 19-23, 2021