

University of Missouri Extension



Fire and Rescue Training Institute



41<sup>st</sup> ANNUAL

# WINTER FIRE SCHOOL

Columbia, Missouri • February 4-6, 2022

232

**NEW**

## Coordinated Fire Attack

**DENNIS LEGEAR**  
LeGear Engineering Fire Department Consulting

**Saturday, February 5, 2022**  
**8:00 AM - 12:00 PM**

Full class description on page 5.  
Also available in-person on campus.

**CEUs** DFS: 4-Instructor

233

**NEW**

## American Command

**MIKE DUGAN**  
Captain, New York City Fire Department

**Saturday, February 5, 2022**  
**1:30 PM - 5:30 PM**

Full class description on page 4.  
Also available in-person on campus.

234

**NEW**

## Do You Have What it Takes to Be a Training Officer?

**DAVID MCGLYNN**  
Assistant Chief, Letterkenny Fire Department, PA

**Sunday, February 6, 2022**  
**8:00 AM - 12:00 PM**

Full class description on page 7.  
Also available in-person on campus.

**CEUs** DFS: 4-Instructor

SEE PAGE 17 FOR REGISTRATION DETAILS

**\$60 SINGLE USER**  
INCLUDES ONE CERTIFICATE

**\$300 SITE LICENSE**  
INCLUDES TEN CERTIFICATES

One site license includes certificates for up to ten participants. Attend as a group at your local agency or departments can distribute the provided registration codes to individuals to register and attend online.

**High Speed Internet Connection Required**



**DENNIS LEGEAR**

Dennis LeGear holds an Associate Degree in Fire Science and a Bachelor's Degree in Vocational Education from California State University, Long Beach. He retired as a captain and water supply officer for the Oakland Fire Department (CA). There he advised the engine and truck committees in pump specification, hose and equipment layout, and compartment/hose bed specification as it related to fire stream development. LeGear was a hose and nozzle instructor at many in-house academies and an adjunct professor in the same capacity at the College of the Siskiyous. His fire service career included time at Cal Fire, Kings County, and the City of Oakland. He is the owner of LeGear Engineering Fire Department Consulting and a panel member for two Underwriters Laboratories studies.



**MIKE DUGAN**

Mike is a 44-year veteran of the fire service and a 27-year veteran of the New York City Fire Department (FDNY), retiring as a Captain of Ladder 123. As a firefighter in Ladder Company 43, Dugan received the James Gordon Bennett medal in 1992 and the Harry M. Archer Medal in 1993, the FDNY's highest award for bravery. He developed training programs that were taught to all FDNY members. Mike is a contributing editor at Fire Engineering Magazine. He is a teacher at the Fire Department Instructor Conference (FDIC) and is a Fire Engineering and FDIC Executive Board member. He is a featured lecturer around the country, teaching Truck Company Operations, Building Construction's impact on firefighter safety, Leadership, and issues involving today's fire service.



**DAVID MCGLYNN**

David McGlynn has over 20 years of experience in fire and emergency services and served in municipal and federal fire departments. He is currently an Assistant Fire Chief for Letterkenny (PA) Fire and Emergency Services and recently served as the Chief of Training for the West Point (NY) Fire Department at the US Military Academy. Dave is also the Lead Instructor for "So you want to be a Training Officer! Do you have what it takes?" and "Building a Training Network That Works." Which were featured at FDIC International for the past four years. Along with being a fire instructor and public speaker, Dave also is a regular contributor for Fire Engineering and is the host of the Fire Engineering Podcast "Networking for Success."

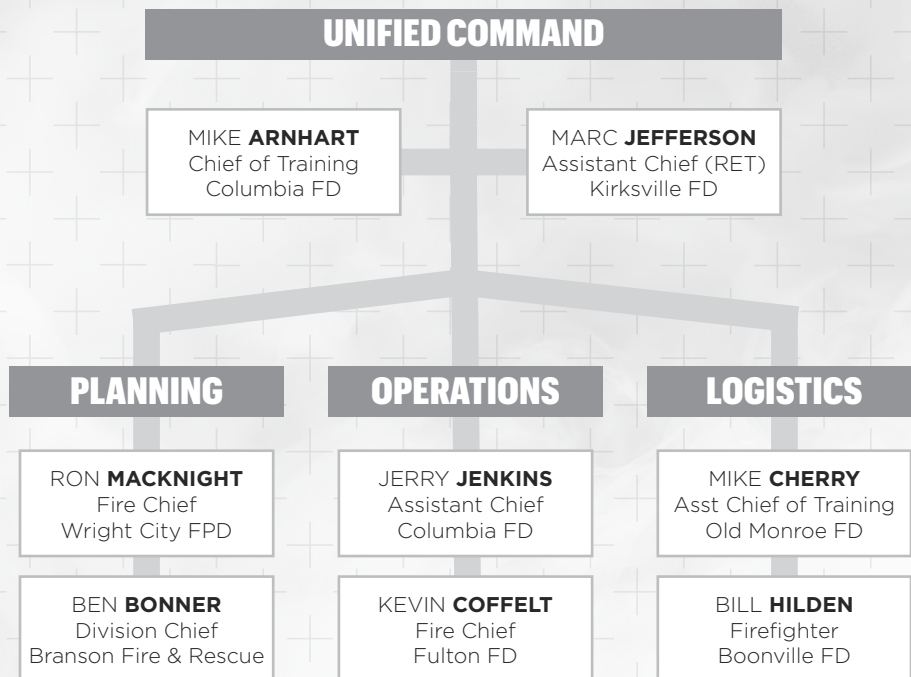
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## FIRE SCHOOL COMMAND TEAM

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

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

# 4

12:00 p.m.

- Customer Service Desk Opens
- MU FRTI Sales Booth Opens
- Equipment Exposition Opens

8:00 p.m.

- Customer Service Desk Closes
- MU FRTI Sales Booth Closes
- Equipment Exposition Closes

#### SATURDAY

University of Missouri Campus

# 5

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

# 6

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

# FOUR HOUR WORKSHOPS

101 SUNDAY ONLY NEW

## 23 Days in June: The Painful Truth

CHRIS G. GREENE  
Captain, Seattle Fire Department, WA

MARK COX  
Firefighter, Seattle Fire Department, WA

When peaceful protests take over the streets and demonstrations turn violent, leading to arson and injuries, fire departments get called to respond alongside law enforcement. These situations create challenging questions about how to fulfill the department's mission while protecting firefighters and equipment.

**CEUs** DFS: 4-Incident Safety Officer

102-103 SATURDAY ONLY NEW

## Adaptive Tactical Implementation: Suburban Fire Tactics

JIM SILVERNAIL  
Chief, Kirkwood Fire Department, MO

Preparing for the modern fireground requires evaluating 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 fire service agencies it 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 details the evolving structural fire environment and how effective firefighting principles and specific agency circumstances influence fireground decision-making and tactics. This approach begins with a realistic, honest self-assessment of your agency's capabilities concerning service delivery when limited by resources, staffing, and response area characteristics. Overcome these situational circumstances in conjunction with firefighting principles and 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

104 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. Learn how to consistently implement a coordinated fire attack with a resource deficiency and deliver necessary truck company operations while facilitating and supporting the coordinated fire attack and lifesaving operations. You 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 we employ *The Nontraditional Truck Company*, identifying essential components of the coordinated fire attack, prioritizing functions, and implementing them for complete accountability. Developing agency-specific standard operating guidelines (SOGs) are addressed, as are the functional and the positional SOGs. 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 be discussed.

**CEUs** DFS: 4-Incident Safety Officer



105 SUNDAY ONLY

## Advanced 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.

106-108 NEW

## Aggressive Interior Firefighting

CHRIS TOBIN  
Firefighter, St. Louis Fire Department

Join us and examine how to be aggressive when fighting interior fires. We will discuss and address the requirements of aggressive tactics and strategies that departments need to deploy safe and effective interior operations. You will learn the benefits of an aggressive firefighting culture and the ten tactics that define an aggressive interior attack.

109-111 NEW

## American Command

MIKE DUGAN  
Captain, New York City Fire Department

Webcast Available See Page 2

Commanding fire companies and personnel are one of the few human endeavors 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. Join the discussion and gain valuable command insights.

112-113 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,

114-115 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 occurring 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 class promises to leave you with many street-smart tips that will help first-due decision-makers.

**CEUs** DFS: 4-Incident Safety Officer

119-121

## Community Risk Reduction: Beyond Fire Prevention

TERESA **CRISMAN**

Director of Public Affairs, Office of the State of Maryland Fire Marshal

Community Risk Reduction (CRR) is a process to identify and prioritize local risks, followed by the integration and strategic investment in resources, emergency response, and prevention strategies to reduce their occurrence and impact. Join the discussion of various organizations' failures and accomplishments and how they corrected their programs to work. As outlined by *Vision 20/20* and *NFPA 1300*, we will discuss a six-step approach towards development. This approach includes identifying risks, prioritization, developing strategies and tactics to mitigate risks, preparing and implementing the CRR plan, monitoring, evaluating, and modifying as needed. The growth of a community and population causes change. Each year you must look at the data and see your program's strengths and accomplishments. Updating the program's focus will support the needs of your department and funding requests providing resources, and many types of programs that support your organization.

**CEUs** DFS: 4-Inspector

122-123 SATURDAY ONLY **NEW**

## Coordinated Fire Attack

DENNIS **LEGEAR**

LeGear Engineering Fire Department Consulting

Webcast Available See Page 2

Learn from UL Firefighting Safety Research Institute (ULFSRI) Technical Panel Member Dennis LeGear. He served on the suppression and the coordinated fire attack study and will present the highlights and fireground applications of this research, conducted over the past ten years. Topics focus primarily on ventilation and suppression, independent from one another, at fires in single-family dwellings. With a solid understanding of horizontal, vertical, and positive-pressure ventilation alongside interior and exterior water application, the time has come to put the pieces together: How do we define coordination on the fireground? What makes for an effective fire attack? The current UL FSRI study into coordinating ventilation and suppression on the fireground is nearing its completion. The science from the lab has been taken to the streets as experiments and conducted in single-family dwellings, garden-style apartments, and a commercial strip mall.

**CEUs** DFS: 4-Instructor



# FOUR HOUR WORKSHOPS

125-127

NEW

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

**STEVE PRZIBOROWSKI**  
Deputy Chief, Santa Clara County Fire  
Department

This class assists future or current fire officers, lieutenants up to fire chiefs in preparing for and surviving 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 a focus of this session. We will share and discuss current topics affecting the fire service and personal lessons learned, some the hard way. Regardless of your rank or type of department you serve, you will leave with numerous tips for leadership success. In addition to sharing my suggestions, 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

128-130

NEW

## Cracking the Code and Culture on Developing Leaders

**DIRK CHRISTIAN**  
Chief, Emergency Response Division, Kansas  
State Fire Marshal

Join our discussion as we examine and highlight the differences between leadership training and development and introduce you to the culture of leadership development through a series of interactive presentations, discussions, and dynamic interactions. 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. Using small group interactions, we will conduct self and peer assessments. Then discuss the goals and desires we seek in leaders and ourselves, and define our paths to leadership excellence through self-development, professional development, and cultural development.

**CEUs** DFS: 4-Instructor

131-133

NEW

## 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 new members up for success? What's your approach, and why? Do you have assumptions about prerequisite knowledge, skills, or abilities? Or biases about what that should be? Often, well-intended instructors and mentors try to cram twenty years of experience into a single training session, unproductive. Join us and examine how to assess prior knowledge, skills, and abilities. Learn to create practical, realistic goals for new members and prepare incumbent firefighters and officers to instruct and mentor new members.

**CEUs** DFS: 4-Instructor

134-136

NEW

## Critical Thinking for the Aggressive Firefighter: The One Warrior Mindset

**DAVID L. WOODWARD**  
Training Officer, Lake Ozark Fire Protection  
District

**ELIZABETH WOODWARD**, MSN-RN  
Co-Founder, One Warrior LLC

The one warrior mindset sets the stage for an aggressive firefighter to be an example of an exceptional tactician, teacher, leader, and strategist. Aggressive firefighting requires a solid set of skills and the ability to make sound operational judgments. These rely on excellent critical thinking and reasoning abilities and your current knowledge, past experiences, evidence-based practices, and overall expertise. Here's your chance to explore the one warrior mindset and learn how to make sound operational judgments. We will engage in active learning opportunities to enhance your understanding of critical thinking and reasoning. Together we will explore the use of current evidence-based practices and research for effective decision-making on the fireground.



137 SUNDAY ONLY

### Department of Homeland Security 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 can potentially cause harm. Join us as we look at chemical and physical properties, transportation and storage containers, mitigation techniques, and decontamination techniques of two toxic industrial chemicals, anhydrous ammonia and chlorine. They are on the Department of Homeland Security's Chemical Facility Anti-Terrorism Standards (CFATS) Chemical of Interests (COI) list.

**CEUs** DFS: 4-Hazmat Technician

138-140

### Down and Dirty Urban Forcible Entry

**ROBERT JAMES**  
Firefighter, North Bethesda Fire Department, MD

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, and we need to prepare ourselves. This interactive, forcible entry program will teach you, no matter your level of experience, both routine and advanced principles of street smart forcible entry. We will focus on new and old but safe, street-approved methods and techniques for conventional forcible entry. Plan to discuss and demonstrate techniques used in making entry through and around locks for residential and commercial structures. You will learn quick access to urban steel roll gates and how to defeat the locks and locking mechanisms for them. Learn tips to overcome street hatches, additional security features like drop bars, slide bolts, burglar bars, and modified locks. This interactive class and its participants will face forcible entry scenarios and explain how they would overcome those challenges.

141-143 **NEW**

### Do You Have What it Takes to Be a Training Officer?

**DAVID MCGLYNN**  
Assistant Chief, Letterkenny Fire Department, PA

**Webcast Available See Page 2**

This class is for training officers, leaders, and aspiring training officers in emergency services. It uses lessons learned while dealing with a diverse group of leaders. We will motivate you to incorporate passion into your program and inspire your people to love the job as much as you do. There are departments with training officers who have never driven an engine or pulled a line or road the front seat. The programs under their development often fail or are questioned by members due to a lack of substance. Simply "faking it 'til you make it" will never work when designing and developing a successful training program. Learn how to respect the culture, gain respect through credibility, and instill passion in training. Prepare upcoming training officers while refreshing current ones to incorporate their passions. We cover all the different challenges and levels of maturity you go through as you grow into a leader and become a training officer. We will discuss team building, the importance of honesty, and good communication while creating awareness of traits like gossip, malus, and ego. Join the journey by understanding tradition, dedication, mutual trust, humility, and the importance of family. Learn how to eliminate complacency and strive for success and achieve goals in life and your career. Using your passion can help you be great, and it can also aid in losing your following. Discover the difference between pride and ego and how to be a credible training officer.

**CEUs** DFS: 4-Instructor

144-145 SATURDAY ONLY **NEW**

### Emergency Medical Technician: Medical Buffet Refresher

**PAUL HARRIS, BA, RN, CFRN, EMT-P**  
Lake Regional Health System

Join us in class and gain knowledge and expertise on a buffet of medical topics. We will discuss, analyze, and advise you on emerging special pathogens, behavioral emergencies, chemical and biological warfare, and emergency and trauma care. Come to class and refresh your skills.

**CEUs** EMS: Paramedic Division IV: Medical - 3; Division V: Special Considerations - 1; EMT-B Module IV: Medical - 3; Module VI: OB - 1

146-147 SATURDAY 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.

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

148-150 **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

# FOUR HOUR WORKSHOPS

151-152 SATURDAY ONLY

## The First 5 Minutes: Assessing Initial Attack Capabilities

FOREST REEDER

Chief (RET), Tinley Park Fire Department, IL

Ask any company officer or crew-member about the most critical time on the fireground. They will say without exception that the first five minutes of an incident are 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 will discuss what needs accomplishing as engine and truck company assignments in the first five minutes.

153-155

## 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.

**CEUs** DFS: 4-Incident Safety Officer

156-158

NEW

## First on the Scene: Elevator Emergencies

GUS GUADAMUZ

Deputy Chief, Elevator Unit, Missouri Division of Fire Safety

This workshop delivers an overview of the technology and operation of elevators used for emergency use and evacuating occupants from buildings. Elevator operations, designed for occupant evacuation per *A171 Elevator Safety Code*, are mandated by the *International Building Code* for buildings with an occupied floor more than 120 feet above the lowest level of fire department vehicle access. It requires firefighter training to operate and manage fire service access elevators and occupant evacuation of buildings using elevators, specifically designed for this purpose. Join our discussion of the location and operation of fire service access elevators, fire safety evacuation plans, and designs of occupant evacuation elevator operations. Sprinklers, water protection, and the construction of elevator hoistways, elevator lobbies, enclosure design, signage, two-way communication systems, elevator recall, standby emergency power requirements, and more will all be covered.

**CEUs** DFS: 4-Inspector

159-161

## 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 and 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 fireground 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*.

162-164

NEW

## Health and Wellness for the First Responder

ANTHONY CLINKER

Captain, Las Vegas Fire Department, NV

Learn information specific to first responders about the diagnostics and blood paneling/markers affecting our profession, department/personal facility outfitting, metabolic rehab and nutrition and exercise that meet work demands, and injury risk reduction strategies. We have a team of instructors. Captain Cory Whitlock with Las Vegas Fire and Rescue (LVFR) is a physician's assistant working with firefighters in the Vegas valley. Captain Anthony Clinker with LVFR is chair of the Health and Wellness Committee and a former D1 football player from Mizzou. Engineer Nicholas Rhodes with LVFR is the head of the Peer Fitness Team and a former D1 football player from the University of Nevada, Reno. Dr. Zaki Afzal with Optimize Physical Therapy works with the Las Vegas Raiders and currently sees dozens of firefighters in the Vegas Valley. Learn how to stay healthy in the fire service.

165-166 SATURDAY ONLY

NEW

## High Voltage/Do Not Enter

CHRIS G GREENE

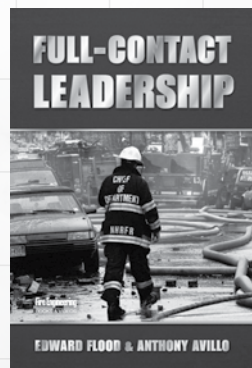
Captain, Seattle Fire Department, WA

MARK COX

Firefighter, Seattle Fire Department, WA

The past twenty years have seen a profound increase in the number of energy-related emergencies. As our nation transitions away from traditional energy generating mediums like coal, hydro, and natural gas to a more "climate-resilient infrastructure," the challenge for the national fire service will be to maintain pace with revolutionary changes in the energy creation industry. This class will prepare firefighters and first responders to recognize these emergencies early and provide real-world solutions and best practices for these incidents. We will cover four key areas of maximum impact, understanding electrical energy and risk analysis, conducting an energy size-up for every emergency, electric vehicle fires, and solar lithium-ion battery energy storage systems.

**CEUs** DFS: 4-Incident Safety Officer





167 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.

168-170

**NEW**

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

**JIM DUFFY**

Battalion Chief, Wallingford Fire Department, CT

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 they 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, 4-Inspector, 4-Investigator,

171 SUNDAY ONLY **NEW**

### Keys to Instructional Success

**FOREST REEDER**

Chief (RET), Tinley Park Fire Department, IL

**BRIAN ZAITZ**

Assistant Fire Chief, Kirkwood Fire Department

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

172-173 SATURDAY ONLY

### Large Vehicle Rescue: Awareness

**ALAN BRAUN**

Training Officer, Cole County Fire Protection District

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 best suited for the problems associated with these large vehicles.

174 SUNDAY 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. Learn from a member of the fire service for the fire service. It has been delivered and updated for over thirty years to fire prevention personnel and included in CEU programs.

**CEUs** DFS: 4-Inspector

175-177

**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 forty-year-old methodology we continue to train to has minimal application in the real world. Utilizing real-world events and lessons learned in this presentation will lay out practical steps in response, communication, triage, and evacuation.



# FOUR HOUR WORKSHOPS

178 SUNDAY ONLY **NEW**

## The Normalization of Deviance

**JOHN DIXON**

Battalion Chief, Teaneck Fire Department, NJ

Join us and discuss the phenomenon known as the “Normalization of Deviance” and how it surrounds the fire service at all times. This topic is similar to situational awareness but highlights all aspects of complacency on and off of the fireground. We will focus on organizational learning and leadership and strengthening personal leadership qualities to help navigate through the “drift into failure” process. It will not be merely a theory or thought-laden class. We will focus on “how to” as we learn to become more self-aware of what the drift looks like and learn how to avoid, overcome, and battle this very observable course of actions to help prevent firefighter injuries and deaths.

**CEUs** DFS: 4-Incident Safety Officer

179 SUNDAY ONLY **NEW**

## NVFC Incident Safety Officer

**RANDAL E NOVAK**

Bureau Chief (RET), Iowa Fire Service Training Bureau

The National Volunteer Fire Council (NVFC) with support from the Motorola Foundation has developed a four-part training series for incident safety officers. This 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.

180-181 SATURDAY ONLY **NEW**

## Performance Under Pressure: Dominating the Fireground

**ROB BLASETTI**

Lieutenant, Fairfax County Fire Department

Sports psychology is used in professional sports and the United States Olympic teams. How does sports psychology relate to the fire service? Firefighters are tactical athletes. They need tools to accomplish high-speed problem solving under pressure. This open and honest lecture provides the attendees' information on how their bodies and minds react when the fear response is activated and how to harness this response and accomplish “flow.” Using our reality-based training model with sports psychology, attendees will walk away with a roadmap on how to train and the ability to perform under pressure.

182-184 **NEW**

## The Pillars of the Fireground Search and Extinguishment

**SEAN GRAY**

Captain, Cobb County Fire Department, GA

**KEVIN LEWIS**

Battalion Chief, Cobb County Fire Department, GA

Often our fireground can become a complex myriad of tactics and tasks. Two pillars, search and fire attack, are all that it takes for a successful outcome. These pillars are supported by ventilation in a coordinated manner and lifting the smoke for visibility. This class will detail search and fire attacks using an informed and aggressive mindset backed by experience and research. This interactive video-based discussion will help you decide what's faster, taking the problem away from the victim or taking the victim away from the problem.

185-187 **NEW**

## Problems That Occur While Training

**LYNN MORGAN**

Captain, Republic Fire Department

Join us as we discuss key components of conducting live-fire training. We will compare training similarities and differences for recruits and seasonal firefighters. Learn techniques for how to plan, conduct, and conclude safe live-fire training. We will examine the pros and cons of different kinds of props and simulators available to enhance training in your department.

**CEUs** DFS: 4-Instructor

188-190 **NEW**

## The Professional Volunteer Fire Department

**TOM MERRILL**

Fire Commissioner, Snyder Fire Department, NY

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.

191-192 SATURDAY ONLY **NEW**

## Reactive vs. Proactive Leadership for Today's Fire Service

**BRUCE BJORGE**

Senior Account Executive, Lexipol LLC

Join us as we discuss the differences between reactive and proactive leadership in today's fire service. These differences can be critical to the future success of any fire service organization. We will identify benchmarks to evaluate the current challenges an organization may face and implement steps to better prepare the organization for the future.

**CEUs** DFS: 4-Instructor



193-195

NEW

### Rescuing the Leader Inside of You

LARRY **CONLEY**

Captain, St. Louis Fire Department

DAVID **CONLEY**

Leadership Development Concepts, LLC.

We approach teaching and developing leaders in every individual regardless of their 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 prearranged high-energy, deep-impact scenarios against a specially trained improvisational actor.

196-198

NEW

### The Search Reformation

DUSTIN **MARTINEZ**

Captain, Cobb County Fire Department, GA

Saving lives has always been and always will be the primary mission of our service. Unfortunately, the speed and commitment of search teams aren't always living up to this mantra. Join us in class and examine how we can continue to execute a fast and efficient search and the steps it takes to get there. Breeding and fostering a thriving search culture requires a three-level organizational commitment. The institution must declare its stance on the standard of search. The training division must be instrumental in implementing and maintaining performance. Also, the field must perform its one task—execute. Join us as we examine the three key components to invoke a successful search outcome in your department, the leadership, the training division, and the personnel. We will also discuss the proven skills, debunked myths, and case studies, including thermal imaging videos of victim rescues.

199-200 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

201

SUNDAY ONLY

NEW

### Stress First Aid for Firefighters and EMS Personnel

RICK **BEST**

Everyone Goes Home Program Coordinator, National Fallen Firefighters Foundation

This flexible set of tools helps alleviate stress reactions in firefighters and rescue personnel. Unlike other acute stress management procedures, Stress First Aid (SFA) supports firefighters and rescue personnel. The goal is to restore health and readiness after a stress reaction. SFA is a toolkit that emphasizes the importance of continuously monitoring the stress of fire and rescue personnel and quickly recognizing and appropriately helping individuals who are reacting to stress and need interventions to promote healing. SFA monitors the progress of recovery to ensure a return to full function. SFA fosters strong leadership and unit cohesion. SFA is individualized to meet the needs of each person in each context. There are no one-size-fits-all SFA solutions.

202-204

### 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.

205

SUNDAY ONLY

### Tactical Decision-Making

PHIL **JOSE**

Deputy Chief (RET), Seattle Fire Department, WA

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.



# FOUR HOUR WORKSHOPS

206-208

NEW

## Tactical Discussions for Real-World Operations

BRIAN P **KAZMIERZAK**

Fire Marshal, Benton Harbor Department of Public Safety

Join us in class as we walk 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, Loudon County, VA, a LODI. Marsh Overlook, Prince William County, VA and Woodscape Drive, Howard County, MD, both LODDs. Each of these fires has in-depth video case studies to drive the discussion. This discussion is entirely interactive, and participation is a must. Thru participation, you will help determine the strengths, weaknesses, opportunities, and threats of each of these case studies and the direct relation to your department.

**CEUs** DFS: 4-Incident Safety Officer

212-214

## Things Go Wrong Even When You Do Everything Right!

AARON **BURLINGAME**

Captain, 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. In this presentation, you will learn how to survive a traumatic event mentally, physically, and as an organization. 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.

218-219 SATURDAY ONLY

NEW

## Top 10 Common Hazardous Materials in our Communities

MICHAEL **BOOTH**

Adjunct Instructor, MU Fire and Rescue Training Institute

Hazardous materials come in three forms, solid, liquid, and gas. As emergency responders, we need to provide the training, personnel, and resources necessary to identify and mitigate any situation that wishes to do us harm. These incidents happen where we live and to what we love. Learn how to minimize the dangers that may come from the escape of these dangerous and deadly substances.

209-211

## 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 information regarding the risks firefighters face during their duties and offers practical tips for minimizing their exposure to cancer-causing substances.

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

215-217

## Through the Lock

CHAD **DAILEY**

Captain, Kansas City Fire Department

MATT **BLACK**

Captain, Kansas City Fire Department

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

**CEUs** DFS: 4-Technical Rescue

220-222

NEW

## Truck Company Operations: Nothing Else Matters

DANIEL **NELMS**

Firefighter, Nashville Fire Department, TN

In this class, we will focus on the big three. Everything else supports these functions. Truck companies are tasked with a number and variety of tasks at a structural fire. All of which are essential to a successful outcome on the fireground. Yet many fire departments work with a limited number of truck companies on these incidents or none at all. Truck work is about the skills, not the vehicle. Whether you operate with or without a ladder truck, the truck-related tasks still must be performed.



# EIGHT HOUR WORKSHOPS

223 SATURDAY ONLY **NEW**

## Attributes of Leading Train-the-Trainer

**RICK BEST**

Everyone Goes Home Program Coordinator,  
National Fallen Firefighters Foundation

**JOHN DIXON**

Battalion Chief, Teaneck Fire Department, NJ

*Attributes of Leading* is a highly interactive, practical, case study-based class available as a Train-the-Trainer. This program focuses on the twelve qualities of leading. Each attribute of leading builds more effective fire service leaders of all ranks. Through a process of view, review, introspection, and discussion, the program stimulates 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.

224 SATURDAY ONLY

## Certified Fire and Ambulance District Board Training

**MONTE OLSEN**

Missouri Association of the Fire Protection Districts

This class provides training and education required for newly appointed fire district board members under Missouri state law. The Missouri Association of Fire Protection Districts has developed this curriculum to assist new board members. Gain an understanding of the legal liabilities and personal obligations of your 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

225 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. They provide a link between the line firefighter and the administration. They engage in daily leadership with crews, making decisions as a first arriving unit on the fireground. These tasks, should not be taken lightly. This boot camp 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 review 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

226 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*.

227 SATURDAY ONLY **NEW**

## Taking Care of Our Own

**IAN BENNETT**

Local Assistance State Team (LAST)  
Coordinator, National Fallen Firefighters Foundation

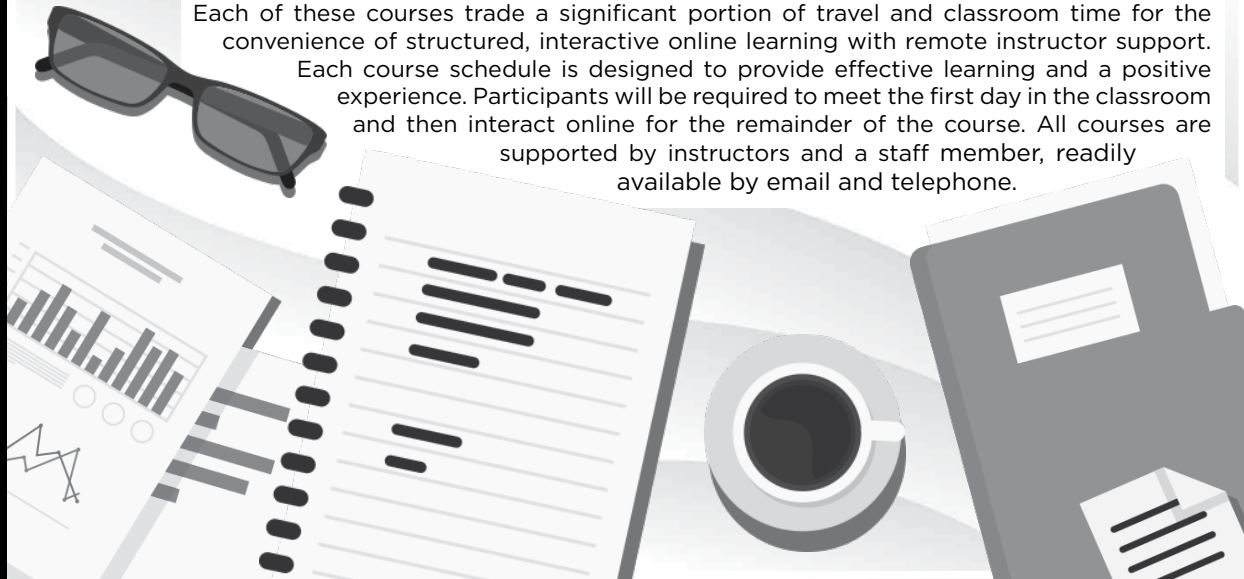
A fire department does not know when it will have a line-of-duty death or a critical injury. Do you have a plan in place? Are personnel records current? Does the department know how to make timely and proper notifications to the survivors? Fire chiefs and survivors tell us that most fire departments are not prepared. *Taking Care of Our Own*® provides fire department personnel with specific information and valuable insights.



# 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.



228 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 26, 2022.*

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

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

229 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 26, 2022.*

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

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

230 SATURDAY ONLY

### Fire Service Instructor I

**AARON BOCKHORST**  
Captain,  
Ferguson City 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 26, 2022.*

**POST** 17-Interpersonal,  
5-Legal,  
12-Skill,  
6-Technical

231 SATURDAY ONLY

### Fire Service Instructor II

**MICHAEL J NOVAK**  
Division Chief,  
Branson Fire Department

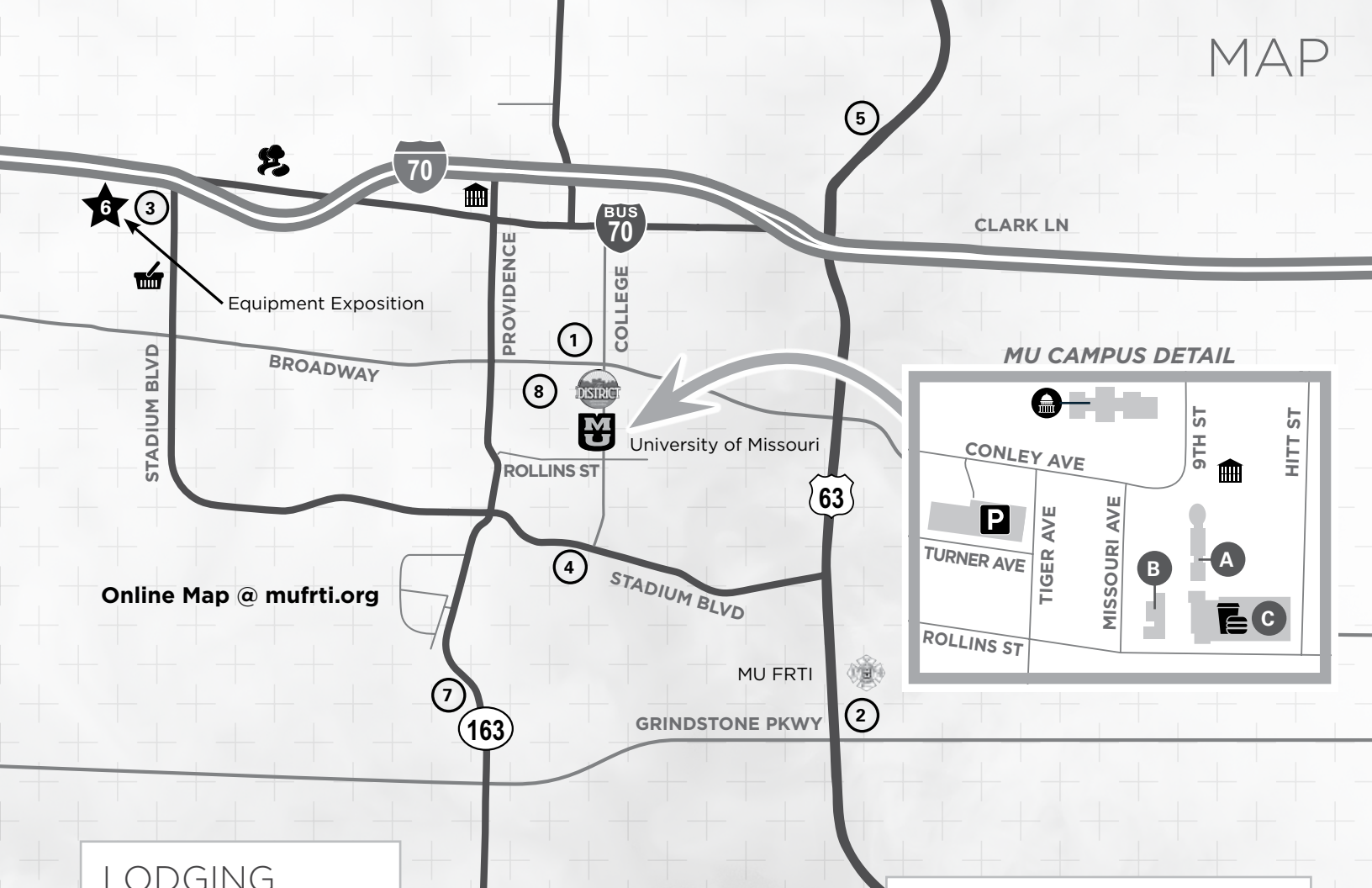
**Prerequisites:** *Fire Service Instructor I*

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 April 30, 2022.*

**CEUs** DFS: 40-Instructor  
8-Interpersonal,  
**POST** 16-Skill,  
16-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.








Online Map @ [mufrti.org](http://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** .....   
520 S 9th St. (Ellis Library)

## EVENT

- ARTS & SCIENCE BUILDING** .....   
Classrooms, MU Campus, Conley Ave.
- STRICKLAND BUILDING** .....   
Classrooms, MU Campus, Rollins St.
- WEBCASTS** .....   
MU Student Center, 911 E. Rollins St.
- EQUIPMENT EXPOSITION** .....   
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	<b>The Broadway</b>		1111 E Broadway	573-875-7000	<a href="http://thebroadwaycolumbia.com">thebroadwaycolumbia.com</a>	<b>\$139</b>
②	<b>Courtyard by Marriott</b>		3301 Lemone Industrial Boulevard	573-443-8000	<a href="http://marriott.com">marriott.com</a>	<b>\$114</b>
③	<b>Drury Inn and Suites</b>		1000 Knipp Street	573-445-1800	<a href="http://druryhotels.com">druryhotels.com</a>	<b>\$89</b>
④	<b>Hampton Inn and Suites</b>		1225 Fellow's Place Boulevard	573-214-2222	<a href="http://hamptoninn.com">hamptoninn.com</a>	<b>\$139</b>
⑤	<b>Hilton Garden Inn</b>		3300 Vandiver Drive	573-814-5464	<a href="http://hiltongardeninn.com">hiltongardeninn.com</a>	<b>\$139</b>
★	<b>Holiday Inn Executive Center</b>		2200 I-70 Drive Southwest	573-445-8531	<a href="http://holidaycolumbia.com">holidaycolumbia.com</a>	<b>\$100</b>
⑦	<b>Stoney Creek Hotel</b>		2601 South Providence Road	573-442-6400	<a href="http://stoneycreekhoteles.com">stoneycreekhoteles.com</a>	<b>\$99</b>
⑧	<b>The Tiger Hotel</b>		23 S 8th Street	573-875-8888	<a href="http://thetigerhotel.com">thetigerhotel.com</a>	<b>\$139</b>

# INFORMATION

## LOCATION

Winter Fire School courses and workshops will be conducted on the University of Missouri-Columbia campus. The Equipment Exposition will be located in the Columbia Expo Center at the Holiday Inn Executive Center. (See page 20 for details)

## CLASS SELECTION

Participants of the 2022 Winter Fire School may select any three (3) 4-hour workshops, 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 2022 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 1/21/22
\$240	\$290

## 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 1/21/22
\$335	\$385

## 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 21, 2022*

*No refunds after January 21, 2022.*

## CONFIRMATION

All participants will receive an email confirmation upon registering. A final class confirmation and schedule will be sent via email after January 21, 2022. If you have not received a class confirmation and schedule one week prior to the conference, please contact (573) 882-8320.

## 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](http://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 4: 12:00-8:00 p.m.**  
Holiday Inn Executive Center

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

**Sunday, February 6: 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](mailto:frti@missouri.edu)

## REGISTRATION QUESTIONS?

Questions about registration:

MU Conference Office  
573-882-8320  
email: [muconf4@missouri.edu](mailto: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.





# 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"/>	<b>Coordinated Fire Attack</b> Dennis LeGear	232	Saturday, 8:00-12:00 p.m.	<input type="checkbox"/> \$60	<input type="checkbox"/> \$300
<input type="checkbox"/>	<b>American Command</b> Mike Dugan	233	Saturday, 1:30-5:30 p.m.	<input type="checkbox"/> \$60	<input type="checkbox"/> \$300
<input type="checkbox"/>	<b>Do You Have What it Takes to Be a Training Officer?</b> David McGlynn	234	Sunday, 8:00-12:00 p.m.	<input type="checkbox"/> \$60	<input type="checkbox"/> \$300

**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](http://mufrti.org).

City

State

Zip Code

## REGISTER

### ONLINE

[mufrti.org](http://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](mailto: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](mailto:muconf4@missouri.edu)

573-882-8320

No refunds will be given after January 21, 2022. 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**

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

Sex:  Female  Male \_\_\_\_\_ | \_\_\_\_\_ | \_\_\_\_\_  
 Date of Birth: \_\_\_\_\_ | \_\_\_\_\_ | \_\_\_\_\_  
 Type of Firefighter:  Career  Volunteer

First Name \_\_\_\_\_ MI \_\_\_\_\_ Last Name \_\_\_\_\_  
 Home Mailing Address \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Day Phone \_\_\_\_\_ Evening Phone \_\_\_\_\_

E-mail Address (required) \_\_\_\_\_

Organization \_\_\_\_\_  
 Rank/Title \_\_\_\_\_  
 In Case of Emergency Contact: \_\_\_\_\_  
 Name \_\_\_\_\_ Phone \_\_\_\_\_

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

\*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 01/21/22
Class #	Title	Class #	Title		
1. _____	1. _____	1. _____	1. _____	<input type="checkbox"/> \$240	<input type="checkbox"/> \$290
2. _____	2. _____	2. _____	2. _____		
3. _____	3. _____	3. _____	3. _____		

<b>STEP 3: OPTIONAL</b> If you wish to attend these optional classes please check the corresponding box. <b>ONE SUNDAY</b> workshop is included.	<input type="checkbox"/> Fire Officer I - Blended Learning	Saturday 8:00 a.m. – 5:00 p.m.	<input type="checkbox"/> \$335 <input type="checkbox"/> \$385
	<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: 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](http://mufrti.org).

Organization \_\_\_\_\_  
 Mailing Address for Receipt (if different from registrant) \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

**REGISTER**

ONLINE	MAIL	@ EMAIL	QUESTIONS?
<b>mufrti.org</b> 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	<b>muconf4@missouri.edu</b> 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. <b>muconf4@missouri.edu</b> <b>573-882-8320</b>

No refunds will be given after January 21, 2022. 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.

# CONFERENCE AT A GLANCE

Course / Workshop

NEW	TIME OFFERED			Page Number	CONTINUING EDUCATION UNITS							
	WEBCAST				EMS	HAZMAT	Incident Safety	Inspector	Instructor	Investigator	POST	Tech Rescue
	SAT AM	SAT PM	SUN AM									

FOUR HOUR WORKSHOPS												
101	23 Days In June: The Painful Truth	•			4			*				
102-103	Adaptive Tactical Implementation: Suburban Fire Tactics	•	•		4			*				
104	Adaptive Truck Company Operations: The Nontraditional Truck Company	•		•	4			*				
105	Advanced Certified Fire and Ambulance District Board Training			•	4							
106-108	Aggressive Interior Firefighting	•	•	•	4							
109-111	American Command	•	•	•	4							
112-113	The Art of Reading Buildings	•	•		5			*	*		*	
114-115	The Art of Reading Smoke	•	•		5			*				
119-121	Community Risk Reduction: Beyond Fire Prevention	•	•	•	5				*			
122-123	Coordinated Fire Attack	•	•	•	5					*		
125-127	Courage Under Fire: Leadership Lessons Learned After Getting the Badge!	•	•	•	6					*		
128-130	Cracking the Code and Culture on Developing Leaders	•	•	•	6					*		
131-133	Crawl, Walk, Run: Training Recruits for Success	•	•	•	6					*		
134-136	Critical Thinking for the Aggressive Firefighter: The One Warrior Mindset	•	•	•	6					*		
137	Department of Homeland Security Chemicals of Interest: Anhydrous Ammonia and Chlorine			•	7		*					
138-140	Down and Dirty Urban Forcible Entry	•	•	•	7							
141-143	Do You Have What it Takes to Be a Training Officer?	•	•	•	7					*		
144-145	Emergency Medical Technician: Medical Buffet Refresher	•	•	•	7	*						
146-147	Fight the Fire, Not the Building	•	•		7			*	*			
148-150	Firefighting: Ultimate Team Sport	•	•	•	7					*		
151-152	The First 5 Minutes: Assessing Initial Attack Capabilities	•	•		8							
153-155	First Due Tactical Decision Making	•	•	•	8			*				
156-158	First on the Scene: Elevator Emergencies	•	•	•	8				*			
159-161	Full Contact Leadership	•	•	•	8							
162-164	Health and Wellness for the First Responder	•	•	•	8							
165-166	High Voltage/Do Not Enter	•	•		8			*				
167	Hybrid Vehicles: Emergency Response Awareness			•	9							
168-170	It's Just a Routine House Fire or Is It?	•	•	•	9			*	*		*	
171	Keys to Instructional Success	•	•	•	9					*		
172-173	Large Vehicle Rescue: Awareness	•	•		9							
174	Managing Public Fireworks Displays	•		•	9				*			
175-177	Mass-Casualty Incident and Triage Management: New Paradigms	•	•	•	9							
178	The Normalization of Deviance	•		•	10			*				
179	NVFC Incident Safety Officer	•		•	10							
180-181	Performance Under Pressure: Dominating the Fireground	•	•	•	10							
182-184	The Pillars of the Fireground Search and Extinguishment	•	•	•	10							
185-187	Problems That Occur While Training	•	•	•	10					*		
188-190	The Professional Volunteer Fire Department	•	•	•	10					*		
191-192	Reactive vs. Proactive Leadership for Today's Fire Service	•	•		10					*		
193-195	Rescuing the Leader Inside of You	•	•	•	11							
196-198	The Search Reformation	•	•	•	11							
199-200	So Now You're the Training Officer: Building Your "Instructor Tool Kit"	•	•		11					*		
201	Stress First Aid for Firefighters and EMS Personnel	•		•	11							
202-204	Swiftwater and Flood Rescue: Awareness	•	•	•	11							
205	Tactical Decision-Making			•	11							
206-208	Tactical Discussions for Real-World Operations	•	•	•	12			*				
209-211	Taking Action Against Cancer in the Fire Service	•	•	•	12	*	*	*	*	*	*	
212-214	Things Go Wrong Even When You Do Everything Right!	•	•	•	12							
215-217	Through the Lock	•	•	•	12							*
218-219	Top 10 Common Hazardous Materials in Our Communities	•	•	•	12							
220-222	Truck Company Operations: Nothing Else Matters	•	•	•	12							
EIGHT HOUR WORKSHOPS												
223	Attributes of Leading Train-the-Trainer	•	•		13							
224	Certified Fire and Ambulance District Board Training	•			13						*	
225	Company Officer Boot Camp	•			13					*		
226	Simulated Incident Management for First Arriving Officer	•			13	*						
227	Taking Care of Our Own	•			13							
FORTY HOUR BLENDED LEARNING CLASSES												
228	Fire Officer I	•			14			*	*	*	*	
229	Fire Officer II	•			14			*	*	*	*	
230	Fire Service Instructor I	•			14						*	
231	Fire Service Instructor II	•			14			*			*	

**M** Extension  
*University of Missouri*

**Fire and Rescue Training Institute**  
2800 Maguire Boulevard C1  
Columbia, MO 65211-8200

**MUFRTI.ORG**

**FREE ADMISSION**



# EQUIPMENT EXPOSITION

Holiday Inn Executive Center • 2200 Interstate 70 Drive  
Columbia, MO • February 4, 2022 • 12:00-8:00 P.M.