

# SAFERE 2020

## COURSE CATALOG



**9:00 am - 5:00 pm, Wednesday, August 12, 2020 [Room 305A]**

**Building Your Leadership Resume: Developing the Legacy That Will Outlast You**

***Workshop Description:***

Are you an individual who wants to be a leader? Are you a current officer in Fire, Rescue or EMS? Are you an officer who wants to be a great leader? Are you a leader who desires to be used for great purposes to effect lasting change and to positively influence generations to come?

If you fit one of these questions then you have found the class you have been looking for. You will not want to miss this high energy-high impact program as Chief Cline talks from a leader's perspective about investing in your most valuable resource, overcoming insecurities, making situations better, earning true respect and leading dynamically and intentionally utilizing concepts that are tried and true. You will not want to miss this cutting edge program as a current or future officer as it will help guide you toward becoming a selfless results-driven leader, whose impact on others will develop a legacy the will long outlast you.

***This session presented by:*** Douglas Cline, Horry County Fire Rescue /EMS

**9:00 am - 5:00 pm, Wednesday, August 12, 2020 [Room 305B]**

**Community Risk Reduction: What, How and Most Importantly, Why You Cannot Afford Not To**

***Workshop Description:*** This workshop will provide national, state, and local guidance, as well as present example programs, on how to implement station-based community risk reduction (CRR). Starting with a community risk assessment, learn how to look at all risks, more than just fire, within your jurisdiction to work with your community to reduce fire and life safety risks. This session is for all ranks from firefighter to chief, realizing unique demands on paid and volunteer service, and will address common barriers to implementing community risk reduction, including: money, personnel, motivation, training, leadership, consistent messaging, and educational resources.

***This session presented by:*** Frank Blackley, Wilmington FD (retired)

**9:00 am - 5:00 pm, Wednesday, August 12, 2020 [Room 306B]**

## Chief 101

**Workshop Description:** This class will satisfy the 9S inspection criteria as specified by the North Carolina Administrative Code. The primary objective of the course is to inform current and future chief officers of the various aspects and complexities surrounding the operations and organization of North Carolina fire departments.

Emphasis will be placed on ratings and inspections, NFRIS reporting, prevention and grant programs, basic line-of-duty death information, financial considerations, and an overview of the various expectations facing a chief officer.

**This session presented by:** Brian Wade, NC OSFM

**9:00 am - 5:00 pm, Wednesday, August 12, 2020**

## Ladder Romance

**Location: Keeter Training Center, 105 Keeter Center Drive, Raleigh, NC**

**Workshop Description:** We will go over raising the ladder, angles, numbers on height and markings, plus the halyard and three-second knot and why we bother with it, climbing, ladder slides, and a much better leg lock. To much to put on paper and not very good at doing as you can see. hope to be honored in coming down and spread some knowledge. This will be a hands-on ladder class, taught outside the book.

**This session presented by:** Michael Torres, Chicago FD/ Take the Door Training

**9:00 am - 5:00 pm, Wednesday, August 12, 2020**

## First Due Firemanship: Search Centric

**Location: Keeter Training Center, 105 Keeter Center Drive, Raleigh, NC**

**Workshop Description:** This workshop focuses on the development of skills needed to effectively locate fire victims from a variety of tactical positions. This course will consist of four hands-on skill stations, including VES, oriented search, searching from a hose line, and victim removal techniques. Students will gain a better perspective of search size up and orientation as the search group supervisor. Full PPE and SCBA are required.

**This session presented by:** Jay Hurley / Do Your Part Training

**9:00 am - 5:00 pm, Wednesday, August 12, 2020**

**Extreme Extrication**

**Location:** Wake County Training Center, 5413 Shearon Harris Rd, New Hill, NC

**Workshop Description:** This class is based upon "what will never happen" and puts it into real live scenarios. Students will be faced with extrication scenarios that feature live loads such as: concrete slabs (simulated structural collapse), vehicles on roof, or vehicles down steep embankments. Students will be forced to think outside of the box and put experience and knowledge to work. Students will have the opportunity to work with some of the best and most experienced instructors in the extrication field, and have chances to interact and learn.

**This session presented by:** Heath Haywood, Fireground and Special Operations Concepts

**9:00 am - 4:00 pm, Wednesday, August 12, 2020**

**The Run & Gun Engine Company [Max: 30]**

**Location:** Durham Training Center, 2008 East Club Blvd., Durham, NC

**Workshop Description:** The Run & Gun Engine class is a hands-on training course that will provide the student with ideas and options to achieve engine company success on the fireground. This course will address the concepts of stretching and advancing hose from preconnected and static hose beds. This course will also address the concepts of running long lines and operating the big guns of the Engine company. This class will introduce methods of running long lines, bundles, and extending pre-connects. Additionally, the use of 2.5 and larger streams on the fireground will be demonstrated and played out.

**This session presented by:** Jonah Smith, City of Charlotte Fire Dept., and Gary House, Town of Cary Fire Dept.



**9:00 am - 4:00 pm, Wednesday, August 12, 2020**

**Tower Rescue Operations [Max: 25]**

**Location: Clayton Fire Department, Station 2, 800 NC 42, Clayton, NC**

**Workshop Description:** This class will cover various high tower hazards including an overview of radio frequency (RF) safety, tower climbing equipment and methods, and tower rescue methods. In addition to covering tower specific equipment, the class will also provide how traditional fire service rope rescue equipment can be used to perform these high-risk, low-frequency type of incidents. Objectives will be covered at a tower site location, will involve climbing, and rope work at various heights. Skills covered will include ground based and tower based rescue system setups.

**This session presented by:** Jason Dean, Clayton Fire Department

**9:00 am - 5:00 pm, Wednesday, August 12, 2020**

**Getting Down Alive: Roof Construction and Operations**

**Location: Keeter Training Center, 105 Keeter Center Drive, Raleigh, NC (9 am - 1 pm: Lecture / 1 pm - 5 pm: Hands-On Training)**

**Workshop Description:** "Getting Down Alive" is unlike any roof operations class being taught today. Delivered from the perspective of an 18-year Fire Captain and 20-year licensed roofing contractor, this comprehensive class includes safety techniques, strategies and tactics from fireground to the roof. These topics include: easy to understand roof construction and roof covering identification, quick size-up techniques, tool selection and placement, ladder placement and execution, ladder-to-roof transition, safe roof transversing, where to make the cut, ventilation techniques and solar considerations.

Developed from over 20 years of roof construction and fireground expertise, this class delivers an eye opening experience and provides invaluable information to first responders, allowing them to be better equipped to handle the dangerous assignment of roof ventilation.

**This session presented by:** Daniel Waldrep, Delray Beach Fire Department

**9:00 am - 12:00 pm, Wednesday, August 12, 2020 [Room 306C]**

## **It's Not About You: Forging Servant Leadership**

**Workshop Description:** Over the last 25 years the State of North Carolina and the NC Fire Service has experienced the largest population boom in the states history. This growth has effected hundreds of NC fire departments requiring them to increase staffing and places more demand on fireground performance. These demands require our fire officers to serve their communities, departments, and to lead their companies to be the top fire ground performers our citizens deserve.

Change is inevitable. Departments have gone from a volunteer based organization supplemented by career staff to a career based organization supplemented by volunteers to all career based. The growth that is experienced requires departments to grow rapidly, but the growth of leadership and officer development are neglected.

This class will address officer development and servant leadership in the firehouse and how it correlates to high performance on the fireground. Attendees will learn what it takes to serve as an exceptional operating fire company with a positive mental attitude by putting others before themselves.

**This session presented by:** Erick Mohn, Wake Forest Fire Department

**9:00 am - 12:00 pm, Wednesday, August 12, 2020 [Room 201]**

## **Coastal Fire Operations**

**Workshop Description:** This course focuses on tactical considerations for large residential structures and multi-family dwellings in coastal environments. These structures are typically elevated above ground, thus making entry more difficult.

The instructional part of the class will cover challenges encountered. These challenges are building construction, building access, hose-line operations, and tactical considerations, including size up considerations for wind driven fires. We will focus on minimal staffing and/or manpower challenged departments with evolutions including handline considerations and techniques to operate on multiple floors via open stairwells, closed stairwells, and balconies.

**This session presented by:** Alan Griffin, 1st Due Tactics

**9:00 am - 10:00 am, Wednesday, August 12, 2020 [Room 306A]**

**Diversity & Inclusiveness: Taking Leadership All the Way**

**Workshop Description:** The fire service is becoming a more diverse environment in American society in terms of race, ethnicity, and gender, yet we still have barriers to equal opportunity. Despite our increasing diversity, we still maintain a largely homogeneous mindset which creates barriers, cognitive dissonance, conflict, and flawed decision-making.

To gain full acceptance, we must define diversity broadly to include all that makes us unique, including the diversity of thought. Only then will we realize the performance advantages that diversity offers.

Diversity and inclusion must be the cornerstones of our recruitment strategy and our retention processes. Diversity without inclusion will not work.

Inclusion is leveraging the diversity in our organizations to achieve full participation and optimum performance; it empowers differences rather than suppressing them.

During this session we will discuss what it means to create and maintain a diverse and inclusive environment with the goal of "making it feel like home."

**This session presented by:** Theresa Knops, Elkin Fire Department

**10:30 am - 12:00 pm, Wednesday, August 12, 2020 [Room 306A]**

**What Can Incident Management Teams Do for You**

**Workshop Description:** This course will show what all Incident Management teams can be utilized for; incidents and pre-planned events. We will review documentation that goes into the Incident Action Plan and what the responsibilities of the command and general staff are in a IAP. We will cover how to crosswalk between a local Incident Management team and being credentialed through NCEM.

**This session presented by:** Jon Williams, Union County Emergency Services

**1:00 pm - 3:00 pm, Wednesday, August 12, 2020 [Room 306A]**

## **Addressing Suicide: A Proactive Approach to Prevention**

**Workshop Description:** Students learn the importance of proactive mental health as a means to combat the many mental health disorders that are common among first responders. These include depression, addiction, anxiety, and Post-Traumatic Stress Symptoms. Tragically, when not addressed, the end result of each of these can be suicide.

As first responders, when we think of mental health disorders, we often think in terms of us vs them. We believe that our responsibility to our community means we can never show any sort of weakness. This misperception can lead members to suppress emotions and fail to address the underlying causes that can build into crisis.

The most devastating and profound of these all is suicide. Yet, suicide stems from mental disorders, and according to FSU Psychologist Thomas Joiner, mental health disorders are “common, tractable, treatable, and nothing to be ashamed about.” In his work with the first responder community, he found that due to the nature of our work, we are more likely to suffer from certain mental health disorders. If the underlying causes and causal factors are identified early enough and addressed, each of these can be mitigated.

Students will learn methods to prevent suicide by learning its traceable causes. Rather than focusing on individual risk factors, this course is designed to explain how creating an environment to encourage help seeking behavior can alter an individual's trajectory from reaching suicide.

Individual, company level & departmental methods for prevention are explained. Suicide tragically results when the decedent incorrectly concludes their death could be a service to others. While there are many causes associated with suicide, there are a few risk factors that can be identified early to help with intervention. Sadly, our ability to predict suicide today is no better than chance. I position that by creating a culture of acceptance and understanding through positive social support, we can make strides at improving mental health.

***This session presented by:*** Dena Ali, Raleigh Fire Department

1:30 pm - 3:00 pm, Wednesday, August 12, 2020 [Room 306C]

**Substance Abuse in the Fire Service: One of the Biggest Dangers to Our Health**

**Workshop Description:** What if the biggest danger that a firefighter faces isn't fire? What if it's a kind of danger that isn't just tolerated, but celebrated? Alcoholism is ruining the lives and careers of too many Fire and EMS personnel, and yet there seems to be very little concern for how to deal with it. How can we as leaders be proactive in dealing with substance abuse, especially alcoholism, when it has become so culturally accepted?

This class will discuss substance abuse among firefighters and EMS personnel, including how to build healthy cultures to combat the stigma that keeps people from admitting a need for help. This class will give step by step instructions on how to provide compassionate assistance.

***This session presented by:*** Jamie Fulk, Morehead City Fire / EMS

# WORKSHOPS



**9:00 am - 1:00 pm, Friday, August 14, 2020 [Room 302A]**

### **Go or No Go Situations: Tactical Operations on Commercial Structures**

**Workshop Description:** Most of our tactics and strategies are based upon principles that were developed 20 plus years ago. We further see fire departments across the United States deploying single family dwelling tactics on commercial structures. This is a no win situation from the beginning. Whether you're the newest recruit or the fire chief, knowledge of the modern scientific research, methods and processes used to fight fires is a necessary requirement of all those in the fire service.

This course will enhance your firefighting strategies and tactics, from standard company responsibilities and assignments to specialized situational strategies and tactics. Chief Cline will deliver this high energy high impact program based upon research and experience representing a variety of geographic and professional viewpoints, you'll get first-hand knowledge of strategies and tactics, whether it's fighting high-rise, big box facilities or regular commercial structures. In a logical, easy-to-follow manner, you'll progress from basic concepts to the application of tactics and situational strategies for commercial occupancies presented in a fashion that can be universally applied in all areas, rural to urban. You will not want to miss this cutting edge program.

**This session presented by:** Douglas Cline, Horry County Fire Rescue /EMS

**9:00 am - 11:30 am, Friday, August 14, 2020 [Room 205]**

### **Line of Duty Death Roundtable**

**Workshop Description:** The tragedy of a Line of Duty Death has many long term and far reaching consequences for our departments. There is a personal toll, departmental and community impact, as well as career challenges that come with these experiences. The North Carolina Fallen Firefighters Foundation seeks to offer support and direction at the time of the LODD. They also offer ongoing support through the LODD Roundtable. This session is a moderated discussion based on the experiences of the participants. It is designed to be an opportunity for those who have experienced an LODD to share observations, reflect on best practices, and provide support to each other.

**This session presented by:** Chaplain to the NCFFF, Reverend Dana McKim

**9:00 am - 11:00 am, Friday, August 14, 2020 [Room 301B]**

**Engine Boss: Skills for the Station to the Street**

**Workshop Description:** In this presentation, the student will learn the importance of the engine company officer but specifically what should be expected of the officer, the negative and positive influence that the officer has to the firefighter, and methods the officer can use to build a quality work environment. The student will learn the importance of core values-pride, honor, and integrity. The student will be able to see how core values drive the organization and the actions on the fireground.

This presentation will also give the student the steps that are required to build an effective team that will work to accomplish the mission of their fire department both at the fire station and on the fireground. Lastly the student will learn how to apply these skills in their respective fire department to ensure safety and success of personnel. The skills and concepts taught are critical in developing personnel for ascension within the organization.

**This session presented by:** Richard Ray, City of Durham Fire Department

**9:00 am - 11:00 am, Friday, August 14, 2020 [Room 306B]**

**Stress First Aid for Firefighters**

**Workshop Description:** Stress First Aid (SFA) is a set of supportive actions designed to help emergency responders assist each other in reducing the negative impacts of stress. This version of SFA was adapted from the Combat and Operational Stress First Aid model, designed specifically to support firefighters, EMS, and rescue personnel. SFA includes instruction for peers and mentors on understanding stress, recognizing how stress manifests in thoughts, words, and actions, and delivering the "Seven C's" of Stress First Aid (Check, Coordinate, Cover, Calm, Connect, Competence, Confidence) to each other. This method of assisting a co-worker undergoing stress is practical, flexible, and can be tailored to the specific need.

**This session presented by:** Anna Pigman, Asheville Fire Department

**9:00 am - 11:00 am, Friday, August 14, 2020 [Room 306A]**

## **Aggressive Initial Fire Attach on Residential Structure Fire**

**Workshop Description:** An aggressive and well-trained engine company can make or break fireground operations. The first arriving engine company's deployment of the initial fire attack line in an effective and aggressive manner often sets the tone for success on the fire scene. This basic skill is often assumed to be routine, however, when it is go-time this simple skill becomes one of the biggest challenges we face on a fire scene. The engine company officer is the key to success. Case studies paired with practical experience will encourage attendees to reexamine their department's engine company's tactics and habits. Additional focus will be on attack line selection and deployment, optimal initial fire flow, initial officer decision making, company training, and avoiding complacency.

**This session presented by:** Leroy Smith, Holly Springs Fire Department

**9:00 am - 10:30 am, Friday, August 14, 2020 [Room 303]**

## **The Firefighter's Role in Human Trafficking**

**Workshop Description:** The goal is to bring an awareness to the public safety members and their role with early recognition of the sex trafficking industry and its victims. Due to the illegal nature of the industry Law enforcement, fire and EMS are often the first and only people to engage with possible sex trafficking victims in the emergency setting. It is imperative that public safety agencies learn to recognize possible sex trafficking victims during our "everyday" calls.

Based on the outcome of several studies we discuss the prevalence of sex trafficking in the southeast, key indicators on recognizing sex trafficking victims, as well as, discussions on policy development and reporting issues.

**This session presented by:** Mark Sullivan, Douglas County Fire Dept GA

**9:00 am - 10:30 am, Friday, August 14, 2020 [Room 302C]**

## **Transitioning Your Private, Non-Profit Fire Department into Town Government**

**Workshop Description:** As our state grows in population and service demand, coupled with the gaining challenge of fewer available volunteers, there are situations where a private, non-profit organization fire department could benefit from becoming part of Town or City Government.

This class will outline a comprehensive process that some communities in North Carolina have proactively gone through to conduct due diligence exploring if becoming part of the Town Government is the best decision for improving the fire and rescue service delivery system.

Our subject matter team will discuss concepts, options and best practices and answer questions that are important to those persons in attendance.

**This session presented by:** Greg Grayson, EnviroSafe, Retired Greensboro Fire Chief

**9:00 am - 10:30 am, Friday, August 14, 2020 [Room 302B]**

**School Bus Extrication**

**Workshop Description:** The Imagine arriving on scene to find an overturned school bus with students trapped, injured, and screaming for help. Whether you are in an ambulance or a fire engine, your first priorities will be numerous—initiating the incident command system, determining hazards and the number of patients, triaging, entrapments, and dealing with walking wounded scattered around the scene. This class covers basic to advanced extrication techniques that include window, door, sidewall, roof, and floor breaches; stabilization; and underrides, rollover pinning, driver entrapment, and roof intrusion causing entrapment. Apply transformational/adaptive leadership techniques to enhance their leadership capabilities

**This session presented by:** Paul Hasenmeier, Sunset Beach Fire Department

**9:00 am - 10:30 am, Friday, August 14, 2020 [Room 306C]**

**Rosters, Relief Funds & Jones Street Rascals**

**Workshop Description:** This class will be a brief overview of the fire department requirement on rosters, information concerning local relief funds, uses and reporting, and other activities the NC State Firefighters' Association handles.

There will also be an opportunity to ask questions on any topic related to the NC Fire Service. Several staff (Jones Street Rascals) will be there to answer them, or refer you to the proper source.

**This session presented by:** Tim Bradley, Executive Director and Dan Berg, Executive Administrative Assistant

**9:00 am - 10:00 am, Friday, August 14, 2020 [Room 301A]**

## **Introduction to Wildland Fire Training**

**Workshop Description:** This presentation would introduce the potential student to the different classes available in the field of wildland firefighting, should they wish to become qualified in a position to be part of a crew to go on assignment out of state, or increase their skill level within their own department. These classes include the National Wildfire Coordinating Group (NWCG) courses, S-130 Firefighter Training, S-190 Introduction to Wildland Fire Behavior, L-180 Human Factors on the Fireline, S-215 Fire Operations in the Wildland/Urban Interface, S-212 Chainsaw Use and Safety, (ICS) Incident Command System, as well as NC Forest Service specific classes Wildland Fire Suppression for Fire Departments, and Chainsaw Safety for VFDs. These classes can be offered by the NC Forest Service in conjunction with the NC Community College System.

**This session presented by:** Randy Kearney, NC Forest Service

**10:30 am - 12:00 pm, Friday, August 14, 2020 [Room 301A]**

## **Fire Service Leadership Beyond the Fire Ground**

**Workshop Description:** We spend most of our training time on field emergency operations. Of course that is critically important, but how do our leaders and aspiring leaders learn the skills necessary to lead when at the station, on a project team, or for a complex personnel matter?

In this class, we will analyze what leadership training deficits there are currently and what individuals and organizations can do to fill the gaps.

In addition, we will provide several tangible leadership tools that participants can take back to their departments and use right away. The tools will take concepts they already know from the fireground and flip them for use in solving people problems. We will give them the tools for using "Prevention Thinking", "Effective Delegation" and "Easy Feedback" that are simple to implement for company and chief officers alike.

**This session presented by:** Kelly Walsh, Kelly Walsh Consulting

**11:00 am - 12:00 am, Friday, August 14, 2020 [Room 302B]**

**Screen Exposure: Effects on Company Performance**

**Workshop Description:** Sleep deprivation is proven to lead to increased safety issues, mental health issues, and bad decision making. It also decreases communication and decision making skills, while affecting immune system adversely. While there will always be those factors that are static, there are dynamic factors that can be addressed through the implementation of policies and leadership mentoring that can improve sleep hygiene in the firehouse.

**Objectives:**

1. Attendee will learn link between sleep deprivation, sleep disorders, and serious physical and mental health problems.
2. Attendee will learn the relationship between the circadian rhythm and nocturnal blue light exposure.
3. Attendee will learn techniques to improve sleep hygiene "at the firehouse." Also learning how to measure success, ensure accountability, and reward compliance.
4. Research and statistics will be provided supporting affects of disturbing wake/sleep cycles and also demonstrating the affects of nocturnal blue light exposure on the firefighter.

**This session presented by:** Angela Morrow, RN, BSN, Riceville Volunteer Fire Department / AB Tech Community College / Mission Health System Emergency Department

**11:30 am - 12:30 pm, Friday, August 14, 2020 [Room 301B]**

**NFIRS: Fighting Fires with Facts**

**Workshop Description:** The National Fire Incident Reporting System (NFIRS) is the largest database of fire incidents in the world with more than 28 million incidents reported by more than 24 thousand fire departments in year 2018. This session explains to fire service personnel (1) the importance of their NFIRS data in decision-making, (2) the importance of accurate, complete, and timely fire data, and (3) how to access local level, state level, and national level fire data from the United States Fire Administration's NFIRS Data Warehouse.

**This session presented by:** Marion Long, United States Fire Administration

**11:30 am - 12:30 pm, Friday, August 14, 2020 [Room 302C]**

## **Risk Management for Mid-Level Managers**

**Workshop Description:** This program is designed to re-introduce the Fire Department Officer (supervisor, FTO, etc.) to risk control and how it plays an integral part in safety as well as overall operations.

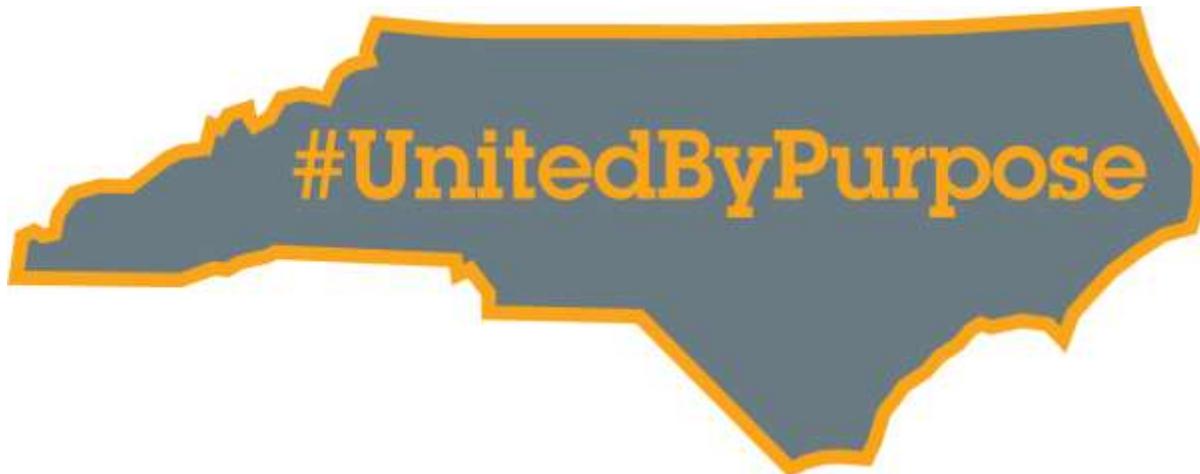
Topics: Risk Management, Risk Control Techniques, Roles and Responsibilities and Risk Control Pitfalls.

The program concludes with review of actual case studies covering various risk involving vehicles, medical malpractice, employment practices and general liability.

Throughout the program, the student will be reminded of the significance of well written and enforced policies and procedures, equal and equitable enforcement of policies, training and education and documentation.

The goal of the program is to emphasize the importance of each individual position and the role you play in the creation and operation of a safety culture within your organization.

**This session presented by:** Blair Tyndall, VFIS Insurance Company/Client Risk Solutions Division



# WORKSHOPS



**12:00 pm - 4:00 pm, Friday, August 14, 2020 [Room 303]**

### **The First Five Minutes: The Must Have's for the First Arriving**

**Workshop Description:** The first five minutes on a fireground generally dictates how the remainder of the incident goes. This class will present not only necessary and successful fireground strategies and tactics but also the means to be able to carry them out. Company level training evolutions that end in successful outcomes will be presented to bring a holistic picture of methods to be successful as the first arriving company in any jurisdiction. Firefighters and Company Officers will gain methods for proper size up, deployment, and assignment of resources to ensure positive and successful fire ground outcomes in jurisdictions of all sizes.

**This session presented by:** Jonah Smith, Charlotte Fire Department

**12:30 am - 4:30 pm, Friday, August 14, 2020 [Room 306C]**

### **The Art of Reading Smoke: The Next Generation**

**Workshop Description:** Today's structure fires are more dangerous than ever before. Lightweight construction, low-mass synthetics, and open space floorplans have created a perfect storm for rapid, prolific fire growth and extreme behavior. It is imperative for firefighters of all ranks and experience levels to be prepared for this battle.

The Art of Reading Smoke, developed by Dave Dodson and continued by Rob Backer, provides the knowledge necessary for first-arriving firefighters, officers, and chief officers to determine the fire's location and progression "from the seat" before seeing any flame. Through the extensive use of actual fireground videos, first-time students will develop, and return students will refine their knowledge to become INTELLECTUALLY aggressive firefighters.

The Next Generation of Reading Smoke brings new research, a new library of videos, and discussion on cancer prevention, tactics and strategies to blend today's extinguishment and safety cultures into one cohesive unit.

**This session presented by:** Robert Backer, Thornton, Colorado Fire Department

**12:30 pm - 4:30 pm, Friday, August 14, 2020 [Room 302B]**

**Truck Company Tactics**

**Workshop Description:** Using more than 225 acquired structures, from single-family dwellings to large, multistory high-rises, this workshop presents an insight into truck company tactics that have been proven and implemented on the fireground. Topics span from forcible entry and vertical ventilation to window-to-drill conversations and FAST team operations with the researched drills to support and the "not so expected results." This workshop has been updated with additional skill, video, and tactical information from last year.

**This session presented by:** Jason Joannides, Lexington County Fire Department

**12:30 pm - 2:00 pm, Friday, August 14, 2020 [Room 205]**

**All About Steam Fire Engines**

**Workshop Description:** This hands-on history of steam-powered fire engines will feature a presentation by Historian Mike Legeros, about the many hand- and horse-pulled steamers that served in North Carolina cities and towns. Raleigh Fire Captain Mike Ezzell will then show the city's 1905 American LaFrance Metropolitan steamer and talk about its operation and its operational restoration in 2012.

**This session presented by:** Mike Legeros, Raleigh Fire Department

12:30 pm - 1:30 pm, Friday, August 14, 2020 [Room 306B]

## Communicating Your Department's Mission Using Social Media

**Workshop Description:** Branding has traditionally been associated with corporations; but with easy access to social media, the opportunity to promote your department's "brand" has become an essential. Consistent use of social media best practices will help guide and build your brand rather than allowing it to be defined on your behalf.

Communicating your brand requires understanding your department's mission and determining how you want this communicated to your various stakeholders. Understanding this process will: 1) increase awareness of the value of the fire service, 2) garner the trust and support of the community and decision makers, 3) support recruitment and retention endeavors, 4) augment public education, fundraising, special events, and ultimately, 5) increase citizen satisfaction.

Learning Objectives:

- Explain the impacts of brand management.
- Review and discuss best practices for Facebook, Instagram, and Twitter.
- Explore ways to communicate your mission in order to meet department objectives.

**This session presented by:** Nancy Caviness, Duck Fire Department



**1:00 pm - 4:00 pm, Friday, August 14, 2020 [Room 302C]**

**Analysis of Rapid Intervention Operations: Is Our Commitment Sufficient?**

**Workshop Description:** On July 28, 2011, the trajectory of the Asheville Fire Department was dramatically changed when we lost Captain Jeff Bowen while operating at a high-rise fire. This loss completely reshaped AFD's approach to rapid intervention teams. In response to that tragic day, Asheville performed live fire analysis of RIT critical tasks and their department's RIT training and deployment model.

Rapid intervention, saving our own, is one of the most impactful missions we could be assigned. Do we know what is truly required? Do we know how many people, what equipment, and what training level will lead to better outcomes? Which techniques work, which don't? How long will these operations really take? Are we doing everything we can to ensure successful mission completion? This presentation will answer all these questions and more by sharing AFD's RIT model and the findings of their critical task analysis.

Each step of the RIT process (locate, extricate, air, package, remove) was analyzed, and will be presented from multiple angles such as: time, manpower, air consumption, training level and viability, creating data and action items that have not been previously demonstrated to the fire service. Take-aways include a training plan, staffing recommendations, deployment model, and hands-on tactical level "tricks of the trade" to make your RIT more efficient.

There will be significant focus on the tactical skills required to ensure that decision makers and practitioners will leave the presentation with actionable info. The presentation will include demonstrations of life saving techniques such as packaging and air connections. These techniques are data driven and supported to ensure compromised firefighters have the best chance of survival.

**This session presented by:** Trey Young, Asheville Fire Department

**1:00 pm - 3:00 pm, Friday, August 14, 2020 [Room 305A]**

## **Fire Service Cancer Risk Reduction**

**Workshop Description:** This two-hour presentations provides insight as to why firefighters are at greater risk for being diagnosed with cancer, what common sense, low cost steps can be taken to reduce the risk and what fire service personnel should do if they are diagnosed with cancer.

**This session presented by:** Edward Mann, Provident

**1:30 pm - 3:30 pm, Friday, August 14, 2020 [Room 302A]**

## **The New Officer: Are You Ready?**

**Workshop Description:** This class is designed for new and aspiring fire service officers and those that prepare them. It contains information on the preparation for the officer role and how to manage responsibilities. In some departments, the average age of fire service officers is much lower than years past. Some fire service officers lack experience due to a decline in on-the-job experience and many departments simply do not offer their officers a healthy dose of leadership and management training. Responsibilities vary from department to department so this class offers a broad range of information to adapt to one's departmental ways of doing things. Fire service officers are being promoted based on the minimum job classification at their department but the question is are they ready? Being ready does not mean they are 100% ready. Many argue that no one is 100% ready but what was their level of preparation? Did they simply work on some things in the firehouse, read a few books and SOPs or attend some conferences? What are we doing to prepare our officers and do they simply need to rely on what we do for them within the department? The target attendants for this class would be aspiring and current officers and those that prepare them. Topics covered will be leadership, personnel and task management, tactical decision making, training and other aspects of officer preparation.

**This session presented by:** Paul Watlington, City of Burlington Fire Department



**1:30 pm - 3:30 pm, Friday, August 14, 2020 [Room 301A]**

**Command Considerations for Active Assailant Response**

**Workshop Description:** The Attendees will be introduced to the Rescue Task Force concept and receive instruction on considerations for command and control of the Active Assailant/Hostile Event Response (ASHER). With the increase in frequency and severity of ASHER incidents across the country, the fire service must not only change the way we operate during acts of violence, but refocus our partnerships with local, state and federal Law Enforcement in our respective jurisdictions.

Our ASHER/Rescue Task Force program was initiated, prior to the release of NFPA 3000, to bring all disciplines of Fire, Police and Emergency Medicine together for pre-planning, training and response in an ever changing environment of violence and unrest. This program will use case study evidence, NFPA 3000, and subject matter expert guidance to give key leaders in your organization the information and tools to sit down with your partners in emergency services and ask the right questions. Those questions will allow us to begin the open and honest dialogue needed to identify our challenges and areas of opportunity when responding to ASHER incidents.

**This session presented by:** Stephen Shakeshaft, Fayetteville Fire/ Emergency Management

**1:30 pm - 3:30 pm, Friday, August 14, 2020 [Room 305B]**

**UAS Awareness for Emergency Responders**

**Workshop Description:** This course is provided by NCOSFM staff for fire and rescue departments who are seeking information or considering using drones for emergency operations. The course is two hours long and will cover legal and FAA requirements, safety considerations, uses, and suggestions on which types of drones are useful for different operations.

**This session presented by:** Jason Edwards, OSFM

2:00 pm - 4:00 pm, Friday, August 14, 2020 [Room 301B]

## Rural Engine Company Operations

**Workshop Description:** The practices and concepts taught will be based on successful as well as unsuccessful experiences on the fireground and nationally recognized engine company practices. The student will gain ideas of how to set up the engine for success and ideas to improve the functionality of the engine within their department. The student will learn concepts for hose loads, appliance selection, and tools that the engine company should have and utilize when operating in a rural environment. The student will gain an understanding of the limitations of the engine while operating in a rural environment, successful hose and nozzle packages, and how to establish a positive water supply with and without a hydrant. Additionally, the student will learn how the rural engine company can adapt to the suburban environment. These practices and concepts taught are effective, safe, and inexpensive.

**This session presented by:** Richard Ray, City of Durham Fire Department



2:00 pm - 4:00 pm, Friday, August 14, 2020 [Room 306B]

### Creating & Maintaining Peer Support

**Workshop Description:** This presentation is designed to teach members and leaders the components of a working peer support program. We explain how we developed the North Carolina Peer Support Team and how we built resources for the team. We also discuss partnerships with other national leading peer support programs.

Peer support training provides an introduction to the techniques of emergency responder psychological first aid as it is provided to firefighters by firefighters. It is in line with the National Fallen Firefighters' Foundation's Everyone Goes Home Program and The Initiative 13. Firefighters and their families must have access to counseling and psychological support services.

Students learn the components of behavioral health and the commonality of behavioral health disorders. They learn how to actively listen and be there for other members in need, but more importantly, they learn resources available for themselves and others. Peer supporters recognize that their job is not to counsel or solve another member's problem, but to simply be there, nonjudgmentally, and know the resources available.

**This session presented by:** Dena Ali, Raleigh Fire Department

# WORKSHOPS



**8:00 am - 12:00 pm, Saturday, August 15, 2020 [Room 302A]**

### **Everything Saws for the Fire Service**

**Workshop Description:** This class was created after the presenter realized in his career as a firefighter, there has not been proper training in the usage of the different saws used in the fire service. This class is both hands on and lecture based. Lecture portion will go over the different saws used on the fireground, the differences between battery, corded, gasoline, pneumatic, and hydraulic technologies, the different chains and blades, simple maintenance and trouble shooting procedures, and body kinematics when using saws. Hands on portion will delve deeper into maintenance and trouble shooting as well as using recip saws, band saws, chain saws and rotary saws in different applications.

**This session presented by:** Julio Ramos, Fireground & Special Operations Concepts LLC

**9:00 am - 12:00 pm, Saturday, August 15, 2020 [Room 306A]**

### **Intoxicated Leadership: Thinking Strategically vs. Reacting Emotionally**

**Workshop Description:** The Center for Creative Leadership estimates that "75% of careers are derailed for reasons related to emotional competencies, including the inability to handle interpersonal problems, unsatisfactory team leadership during times of difficulty or conflict, or the inability to adapt to change or elicit trust".

Our flagship program reviews how our body processes and primes us to respond to conflict--including a review of emotional intelligence, common communication mistakes, conflict management, and executive functioning.

Using real-world examples and videos, we coach how to have more effective relationships with our teams. This improves our ability to navigate how and when to have conversations to address personal and professional problems. This also helps us regulate our emotions and have a stronger, more effective command and control during emergencies. We place an emphasis on the prevention and management of conflict, as opposed to solely its resolution. Be prepared to laugh (including at yourself) while learning how to build deeper, more authentic relationships with your team.

Intoxicated Leadership illustrates how the body perceives disagreement and why we respond to conflict the way we do. Luckily for us, emotional competencies can be learned and improved upon. Using this information, participants commonly report improvement not only at work but also in their personal lives with their children and spouses.

**This session presented by:** Benjamin Martin, Embrace The Resistance (ETR Leadership Solutions)

9:00 am - 12:00 am, Saturday, August 15, 2020 [Room 306C]

### The Emerging Future of Decontamination

**Workshop Description:** The response and mitigation of hazardous materials has been influenced by technology in multiple ways. Technology has changed the way we measure airborne vapors, identify unknown solids and liquids, even how we view the scene around us through the use of UAV's. As we recognize and upgrade our equipment based on newer technology, we can also recognize changes in decon technology.

Technology has also changed the way we can approach decontamination. Through this block of instruction, we will discuss and demonstrate new technology that allows responders to tailor their decontamination practices for the contaminate they are facing in a systematic way. Students will walk away with options that will allow them to complete the mission of decontamination, while using less water, equipment and personnel and maintain the same standard of safety that has always been in place.

Students will be shown and use Dahlgren Decon Solution as well as carbon fiber wipes on live chemicals and PPE. Dahlgren Decon Solution is a three part mix, designed by the DOD, that responders can use to encapsulate VOC's, neutralize both acids and bases and degradate TIC's, TIM's, CWA's, BWA, synthetic opioids and other emerging threats. This solution, when used with carbon fiber wipes and pads, can produce a decontamination corridor that uses no water, produces less hazardous waste and can be more effective.

**This session presented by:** Robert Hand, Hazardous Materials Training Group, LLC

# WORKSHOPS



**9:00 am - 11:00 am, Saturday, August 15, 2020 [Room 305A]**

## **Tactical Considerations for Volunteer Fire Departments**

**Workshop Description:** This presentation will identify fifteen basic tactical considerations to help chief officers, line officers, and firefighters of volunteer fire departments to prepare, train, and prioritize fireground tasks. These tactical considerations will help volunteer firefighters get started in the early stages of a structure fire and help them maintain a pro-active incident. Many times, there are not enough firefighters at the beginning of the incident to accomplish all the necessary tasks on the fireground. Effectiveness is lost and firefighter safety is compromised because on-scene personnel fail to follow guidelines, lack the necessary training, and try to perform too many task rather than prioritize and complete them.

The tactical considerations taught are based on successful and unsuccessful experiences on the fireground and nationally recognized fireground principles and practices. This presentation will aid the student in developing operational guidelines, training, and how to prioritize and accomplish fireground tasks by dissecting and examining the tactical considerations. Fireground pictures and videos will be used to reinforce concepts taught. The practices and concepts taught are effective, safe, inexpensive, and can be applied immediately.

**This session presented by:** Richard Ray, City of Durham Fire Department

**9:00 am - 10:30 am, Saturday, August 15, 2020 [Room 306B]**

## **Maintaining Marriage & Family in the Fire Service**

**NOTE: This class is open to all fire service personnel, including spouses, at no charge.**

**Workshop Description:** Everyone knows the dangers, stress, and risks involved in being a firefighter. What many do not know is the dangers on firefighter relationships. Almost 70% of public safety marriages end in divorce, one of the highest rates by profession in the country. The fire service marriage and family is a different dynamic than any other. In many cases firefighters are operating two families, one at the firehouse, and one at home.

Balancing these two can be a struggle for anyone, but it can be especially hard on the fire spouse and kids. This class is designed to give suggestions, not only to the firefighter, but the spouse as well. This course will help you both understand the view from the "other side." Learning the balance between the fire/family life can be the difference between keeping a family together and losing the ones you love. It's time we take care of our own families like we do the ones we don't even know.

**This session presented by:** Mark & Sherry Sullivan, Douglas County Fire Dept., GA