

Approved Fire and Compliance Courses by Tennessee Firefighting Personnel Standards and Education Commission

Name	Course Length in Minutes	Description
105 Tips in 105 Minutes	120	Baker gives this rapid-fire lecture on the best extrication tactics at motor vehicle accidents.
12 Recipes for Success in Leadership	60	To be a good leader, you must be willing to have a positive attitude, maintain your credibility, and be humble. In this course, Paul Combs invites you to learn the 12 recipes for success in a leadership role. These recipes are standards the foundation for success. As Lieutenant (ret.) Paul Combs walks you through the recipes for success, he shares key advices, stories, and his cartoons proving that if you have a passion for the fire service and follow the recipe for success, you will find success as a leader.
21st Century Command	70	This hour-long presentation will cover the meaning of command and control on today's firegrounds. The session will provide you tools, tips, and processes that will allow the incident commander and the company officer to better interact with each other to ensure tasks have been completed and information is shared on the fireground.
25 to Survive	75	Mitchell and Shaw look at 25 modes of preperation that each firefighter should follow that will result in a successful career.

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A Brief History of Boston's Ladders	60	Donovan gives this history lesson on the Boston (MA) Fire Department, going back through the centuries to look at the city's landscape and how the BFD made its tactical considerations.
A Proactive Approach to Suicide Prevention	60	This microlearning course was recorded at FDIC with expert Daniel Degryse sharing how people can become more proactive in preventing suicides within the fire service.
Aerial Apparatus 101	60	Lou Sclafani discusses the basic ins and outs of modern aerial apparatus, how they differ from past trucks, terminology, and what to know before purchasing or riding on one for the next call.
ARFF: Aircraft Rescue and Firefighting	120	Aircraft rescue firefighting (ARFF) is a necessary skill for any fire department that is near an airport or along a flight path. This course discusses aircraft forcible entry, firefighting with the high reach extendible turret (HRET), and cargo aircraft firefighting. NFPA Standards: 440, 460, 1900.
Autism Awareness for First Responders	150	Individuals with autism are seven times more likely to interact with first responders than the average citizen. To properly respond to calls with individuals who have autism, first responders must understand what autism is, best practices, and associated dangers. This course will discuss specific hazards unique to fire and EMS and recommend best practices to protect those with autism, their loved ones, and first responders.

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Basic First Aid Response	120	Medical emergencies can happen anywhere and at any time. Someone's life may depend on your ability to rapidly recognize and intervene in certain cases. This course will refresh your knowledge of how to provide first aid for people in need of medical attention while you wait for further medical help to arrive. Topics will include initial actions, consent, recognizing sudden illnesses, CPR, choking, bleeding control, injury types, as well as cold and heat stress.
Becoming the Boss: A Guide for New Managers	60	As a first-time manager, you likely feel a mixture of excitement and apprehension about your new role. What changes should you expect? How can you build rapport and make a good first impression with your new team? And above all, how can you become an effective boss? This guide will help you transition seamlessly from employee to manager. This general education course provides foundational information on this subject. <u>not specific to Fire and EMS</u>
Business Writing Fundamentals	60	Many of us took courses on writing in elementary school or even high school, however, there are specific requirements for business writing. In this general education course, you'll learn why excellent business writing skills are so crucial in the workplace and how you can improve those skills.
Cold Stress, Heat Illness, and Extreme Weather	60	In the last five years, the United States has been averaging 23 weather disasters per year, each costing at or above a billion dollars in damages. Severe weather brings severe environmental conditions that place fire and EMS professionals at risk. Up to 75% of firefighters report symptoms of a heat-related illness at some point, and the US Bureau of Labor Statistics averages about 3 worker deaths per year for professionals working outdoors in cold weather. To combat these statistics and protect emergency responders, they need to be aware of the risks, causes, signs, and symptoms of cold injuries and heat-related illnesses and how to treat them. To support that effort, this course bases its information on guidelines from OSHA, NFPA 1550, NFPA 1580, and NFPA 1584.

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Combat Ready Firefighting: Fighting Complacency	75	Riley and Martin present this webcast version of their popular class of how fire departments can stay fresh and motivated in areas where they don't respond to a lot of fire calls.
Company Level Building Inspections	120	When arriving on the scene to respond to a fire call, it will be of great benefit to have some understanding of the building you are about to rush into. By conducting a pre-plan inspection before you arrive at an emergency scene, you are giving yourself and your crew an upper hand by knowing the different aspects of the building. The details on the building you will likely gain in your inspection are the type of sprinkler system equipped, the general construction and
Confined Space Safety	60	In every community, there are spaces with unique characteristics that present potential hazards. These areas, referred to as confined spaces, are defined by their limited access and egress, making entry and exit particularly challenging. Confined spaces can exist in diverse settings, including industrial facilities, construction sites, and public infrastructure. Examples include tanks, silos, tunnels, manholes, and pipelines. Despite appearing unremarkable, these spaces often harbor hidden dangers, such as toxic atmospheres, engulfment risks, or
Construction Concerns: Modern Materials	105	Havel offers this insightful look at how modern building materials shape and alter fire departments' tactics, size-ups, and expectations today.
Dealing with Difficult People and Their Organizational Impact	75	Jerry Streich discusses how the fire service must handle personnel who cause unneeded mental stress in and out of the firehouse, including bullies, lawbreakers, and angry or violent members.

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Dealing with Difficult People and Their Organizational Impact	60	Dealing with difficult people is an unfortunate reality for many in the workplace. In this course, Jerry Streich discusses his experience dealing with a difficult person in the workplace and its impact on the organization. Difficult people are inevitable, but knowing how to work with them, handling a hostile person, and mitigating further issues can help.
Developing the Next Generation of Fire Service Leaders	60	In this course, Assistant Chief Doug Cline offers his take on the best ways to train and mentor the new generation of fire service leaders and firefighters. Developing the next generation of fire service leaders is important to ensure the most competent and prepared members are ready to lead the new firefighters of the future. Assistant Chief Cline discussing the goal of developing the next generation, how to develop them, and what is necessary for future.
Developing the Seven Steps to Mastery on the Fireground	75	The class from Dan Shaw and Doug Mitchell provides detailed information on each step along with a strategic plan to train and hone the skills to execute them on the fireground.
Drills You Won't Find in the Books	60	Raul Angulo makes drilling more fun, engaging, and educational by presenting a series of firefighting drills not normally found at the academy.
Drugs and Alcohol Awareness	60	This course aims to educate about the dangers and outcomes of drug and alcohol (or substance) use. According to the National Center for Drug Abuse Statistics, almost 15% of Americans aged 12 and over used illicit drugs in the last month, with a projected 3.8% increase each year. Likewise, 20.4% of Americans in the same age group have an alcohol use disorder. By the end of the course, you'll be able to recognize various addictive substances.
Effective Rescue Through Aggressive Tactics	90	Ricci brings his vast knowledge of fireground tactical considerations and experience to offer insights into the quickest, safest ways of putting out the fire while keeping firefighters safe from the fire's clutches.
Effective Roof Operations: Lessons Learned from East to West	60	Ken Bailey looks at the numbers as well as tactics and strategies to which fire departments must pay attention when conducting operations on the roofs of structures.

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Electric Vehicle Extrication	60	With the popularity of electric vehicles increasing, more of these vehicles are on the road. Knowing the unique hazards and considerations for electric vehicles is crucial. They are made of different materials and high-voltage components, which can pose a risk to responders and civilians. As we'll discuss and demonstrate in this course, to perform a safe and effective extrication from an electric vehicle, you must prepare by learning about the hazards, special considerations, and specific elements that make electric vehicle responses unique.
Electrical Hazards	75	Electrical standards do not just help you comply with the law, they keep you safe! You are already familiar with electrical terms and hazards. Take this course to learn about NFPA 70E and what it means for you. Stay compliant and stay safe! This course explains how and why electricity is dangerous so that employees may recognize when hazards are present as well as how to troubleshoot electrical hazard issues.
Electrical Hazards for First Responders	90	40 years of statistical data conclude that of all the harmful workplace exposures, electricity exposure is the leading cause of workplace fatality. These statistics include fire and EMS professionals and their encounters with electrical hazards. Electricity operates in every building, is used by many components of emergency equipment, and spans across every open space as a power line - making the possibility of electrocution and electric shock a common workplace consideration. As a first responder, you must understand how to handle electrical hazards on the fireground or incident scene for your safety and the safety of everyone at the scene. By the end, you'll be able to recognize critical electrical hazards and understand how to
Emergency Action Plans and Egress	90	As first responders, you face new challenges and hazards that test your skills, knowledge, and courage daily. This course will give you critical information and strategies to navigate these dangers effectively, focusing on essential OSHA standards and emergency action plans. Understanding and applying these guidelines will enhance your ability to protect yourself, your team, and those you serve in every emergency scenario.
EMS Drills for the Engine Company	60	Brian Pond looks at the basic EMS skills firefighters should have just in the case an EMT is needed but not around.

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Energy Emergencies: Electric Vehicles	60	Electric vehicles will complete the same task as a gas-powered version: drive from one location to another, but how it operates, is made, and burns are all vastly different. Throughout this course, Chris Greene and Jason Defosse share their knowledge and experiences with EV fires, focusing on how our general approach to extinguishing the flames, patient extrication, and overall handling of the torched vehicle must be adapted. It is no longer a question of if you will respond to an electric vehicle fire but when.
Energy Emergencies: Lithium-Ion Batteries	60	In the future lithium-ion battery fires will be considered a bread and butter fire, but for now it isn't. As more devices utilize this type of power, the rates of lithium-ion involved fires will increase. As we'll discuss in this course, firefighters must be well-informed of the hazards, understand thermal runaway, and be able to recommend ways to limit the severity of these types of fires. This course will also discuss the concerns we have with lithium-ion batteries, review the cell structure, and examine what causes failures in these cells.
Energy Emergencies: Solar panels and ESS	60	In today's day and age, new methods of generating electricity for homes, industrial buildings, and even vehicles are being used and adapted, like solar panels. As firefighters, it is very important to understand these electrical sources as it is becoming more common that you will respond to a call where a solar panel or an energy storage system (ESS). are in place at a residential home or in the surrounding area.
Energy Emergencies: Utility and Energized Hazards	60	Moving utilities underground can protect them from the elements and allow a city to grow and flourish unobstructed. But they have a downside, and it could be fatal as these underground utility highways house hundreds of wires connecting multiple spaces. What happens when their materials deteriorate? What spaces are most affected? This course will shed light on a growing concern in these modern times and help you to protect yourself during response. You never know when an anticipated fire or smoke hazard can evolve into an energy hazard.
EVOC: Crash and Injury Prevention and Unsafe Driving Conditions	60	There is no set time of day for when an emergency call will come, nor will these calls only happen on clear, sunny days. Because of this fact, fire apparatus operators, emergency vehicle drivers, fleet managers, and chief officers must be armed with an understanding of the unsafe driving conditions they may encounter while responding to an emergency incident; bad weather, driving at night, driving while distracted, fatigued, or DUI. In the event of a crash, a fire apparatus operator should also know injury prevention methods to lessen the severity of the crash.

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EVOC: Driving Dynamics	60	Vehicle dynamics are important for fire apparatus operators and emergency vehicle drivers to avoid unnecessary risks while operating the vehicle. What happens when a larger apparatus rounds a curve too quickly, factors that affect the total stopping distance of the rig, and how kinetic energy plays a part in it all are part of the dynamics a driver and passenger of these apparatus face on each call they drive to. Understanding these effects will benefit all on board, making for an easier and safer drive whenever you are behind the wheel.
EVOC: Driving Tactics	60	When driving any vehicle, the driver must keep in mind the basic safety rules of the road and the vehicle they are operating. When it comes to driving an emergency vehicle there are even more topics to consider to maintain the safety of the driver, the passengers on board, and those around them on the road. This course will review safety topics on how to navigate an intersection during an emergency run where civilian vehicles may not hear the sirens of the apparatus, tire related maintenance to avoid unnecessary risk, skid control, ways to prevent rollover, and safe maneuvering of railroad crossings.
EVOC: Fleet Maintenance	60	Avoiding liabilities is an important act for not only chief officers, but apparatus operators, and emergency vehicle drivers. To best accomplish this it is important understand how to safely operate the vehicles in the fleet. Starting with safe drivers will lead to less accidents and issues later and avoid the unwanted outcomes that could come along with negligent acts.
EVOC: Laws and Liabilities	60	Understanding the laws and liabilities that can affect emergency vehicle drivers is the first step in preventing unnecessary risk. In this course, we will explain the laws and liabilities related to the safe operation of an emergency vehicle and how to avoid unnecessary charges in the event of a lawsuit.
EVOC: Personnel Qualifications and Training	60	The NFPA has a set of standards set forth to be followed when creating driver training courses, selecting an instructor for these courses, and the guidelines for the safe operation of an emergency vehicle. This course outlines these standards to provide emergency responders with an understanding of the requirements for all members and those selected to deliver driver training instruction. Following these standards will lead to the safe operation of vehicles because the trainers will have been hand-selected following a list of requirements and trained well enough to pass the instruction on to others.

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EVOC: Specialized Vehicle Operations	60	Firefighting often requires unique tactics to accomplish fire suppression or emergency response mission. As part of these unique tactics, specialized vehicles may be needed to reach a fire or accomplish a goal. This lesson will discuss some issues associated with driving and operating certain specialized vehicles.
EVOC: The Standard for Automotive Fire Apparatus (1901)	60	The purpose of this course is to provide fire apparatus operators and emergency vehicle drivers with an overview of the vehicle safety components required by the NFPA 1901 "Standard for Automotive Fire Apparatus – 2016 Edition" Operating an emergency vehicle or fire apparatus is a stressful task; ensuring to arrive at the scene at the right time, providing necessary care to those on board, and operating the vehicle and apparatus in the correct ways. Because of this there are a set of safety standards in place from the NFPA that outline the proper ways to avoid any unnecessary risks to the operator of the vehicle, the passengers, and those driving around the apparatus.
Extinguishing Firefighter Cancer	60	Most people likely know someone who has died from cancer. If you work in the fire service, you probably know several people who have died from cancer. According to the Firefighter Cancer Support Network, 66% of firefighter fatalities occur from cancer because, in this line of work, exposure is inevitable. However, how much exposure and for how long is within your field of control. In this course, we will explore ways that you can rewrite the narrative and keep yourself and your members safe. This will be covered in combination with NFPA 1850.
Extrication Zone: Principles of Extrication	105	Baker looks at the basics of vehicle extrication and how each incident offers its own unique challenges.

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Fall Protection	60	Each year, many workers are hurt or killed as a result of falls in the workplace. Falls are usually complex events that involve a variety of factors. For that reason, the OSHA fall protection standard deals with both human- and equipment-related issues for protecting workers from fall hazards. This training will cover systems and procedures designed to prevent falls off, onto or through working levels and to protect workers from being struck by falling objects.
FF: Advanced Communications	60	Communications is an important but often overlooked aspect of fire services. Well-managed communications are essential to achieving positive outcomes and avoiding lapses that put lives and property at risk. This module builds off the Fire Fighter I knowledge base established in "Fire Department Communications." In this module, you will learn Fire Fighter II-level information about fire department communication and reporting procedures. Content in this module is aligned with the NFPA 1001 Standards for Fire Fighter Professional Qualifications.
FF: Advanced Fire Attack - Class B Fires	60	This module builds on lessons learned in the "Basic Fire Attack" module. Fire Fighter II-aligned concepts introduced here should guide you toward becoming a more experienced firefighter and advancing into the officer rank. In this module, you will learn how to decide which technique to employ as well as where and when, and how to carry them out without immediate supervision during Class B fires. Content in this module is aligned with the NFPA 1001, Standards for Fire Fighter Professional Qualifications, Fire Fighter I: 4.3.10 and 4.3.12: "Fireground Operations;" and Fire Fighter II: 5.3.1, 5.3.2, and 5.3.3: "Fire and Life Safety Initiatives, Preparedness, and Maintenance."
FF: Advanced Fire Attack - Commercial Occupancies	60	This module builds on lessons learned in the "Basic Fire Attack" module. Fire Fighter II-aligned concepts introduced here should guide you toward becoming a more experienced firefighter and advancing into the officer rank. In this module, you will learn how to decide which technique to employ as well as where and when, and how to carry them out without immediate supervision during commercial occupancy fires. Content in this module is aligned with the NFPA 1001, Standards for Fire Fighter Professional Qualifications, Fire Fighter I: 4.3.10 and 4.3.12: "Fireground Operations;" and Fire Fighter II: 5.3.1, 5.3.2, and 5.3.3: "Fire and Life Safety Initiatives, Preparedness, and Maintenance."
FF: Advanced Fire Attack - Residential Occupancies	60	This module builds on lessons learned in the "Basic Fire Attack" module. Fire Fighter II-aligned concepts introduced here should guide you toward becoming a more experienced firefighter and advancing into the officer rank. In this module, you will learn how to decide which technique to employ as well as where and when, and how to carry them out without immediate supervision during residential occupancy fires. Content in this module is aligned with the NFPA 1001, Standards for Fire Fighter Professional Qualifications, Fire Fighter I:

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FF: Basic Fire Attack	60	While not every task a firefighter performs may be as dramatic as rescuing a child or being on a nozzle and knocking down a rapidly spreading fire, every task at a fire is critical to overall success. Your proficiency in carrying out your assigned tasks will directly affect the outcome of the fire attack. This module will review fighting structural vs. non-structural fires, choosing a successful fire attack method, and coordinating the tactical elements of a fire attack. Content in this module is aligned with the NFPA 1001 Standards for Fire Fighter Professional
FF: Building Construction	60	As long as there have been buildings, firefighters have been called upon to extinguish fires within them. This module covers building construction elements firefighters need to know to conduct safe and efficient fireground operations. Content in this module is aligned with the NFPA 1001 Standards for Fire Fighter Professional Qualifications, Fire Fighter I: 4.3.4, 4.3.10, and 4.3.12; and Fire Fighter II: 5.3.2, "Fireground Operations."
FF: Emergency Medical Response	60	Most fire departments have emergency medical technicians or paramedics on their crew to provide emergency medical services (EMS). Even if they're not part of the EMS team, firefighters are typically first on the scene and will be expected to begin basic medical treatment until EMS arrives. This module introduces the EMS service and covers some basic skills firefighters need to begin appropriate care of sick and injured patients as well as protect themselves from injury and disease. Content in this module is aligned with the NFPA 1001,
FF: Fire Behavior	60	Fire behavior is a core principle to becoming a proficient firefighter. Understanding fire behavior will allow firefighters to progress with smarter and safer firefighting tactics. This module examines the science behind fire, heat, combustion, decay, and the hazards that may appear along each stage. Content in this module is aligned with the NFPA 1001 Standards for Fire Fighter Professional Qualifications, Fire Fighter I: 4.3.11 and 4.3.12, "Fireground Operations."
FF: Fire Extinguishers	60	Even small fires endanger lives and property. Portable fire extinguishers can stop the spread of fire. However, to be effective, they must be appropriate for the fire being fought and in proper working order. This module will review the classes of fire, extinguishing agents, and how to choose the correct extinguisher for each job. We'll also cover fire extinguisher operations, care, and maintenance. Content in this module is aligned with the NFPA 1001 Standards for Fire Fighter Professional Qualifications, Fire Fighter I: 4.3.8 and 4.3.16, "Fireground Operations."

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FF: Fire Prevention and Fire-Safety Information	60	The 1973 publication of America Burning inspired fire departments around the country to focus on fire prevention and community education as a way to stop fires before they start. In this module, you will learn about how fire departments protect and serve communities with fire prevention and fire-safety codes, information, inspections, and educational programming. Content in this module is aligned with the NFPA 1001, Standards for Fire Fighter Professional Qualifications, Fire Fighter II: 5.5.1 and 5.5.2 “Fire and Life Safety initiatives, Preparedness.
FF: Fire Protection Systems	60	Fire protection systems assist building occupants and firefighters by warning occupants, notifying fire departments, and activating a suppression system. In this module, you’ll learn how different types of detection and suppression systems work. Content in this module is aligned with the NFPA 1001 Standards for Fire Fighter Professional Qualifications, Fire Fighter II: 5.5.3, “Fire and Life Safety Initiatives, Preparedness, and Maintenance.”
FF: Fire Service Communications	60	Communication is the cornerstone of the fire service. The communication system – between the community, dispatch, departments, and department personnel – must work even when other things do not. In this module, we’ll examine the standards and procedures for fire department communications, from initial calls to incident scenes. Content in this module is aligned with NFPA 1001 Standards for Fire Fighter Professional Qualifications, Fire Fighter I: 4.2.1, 4.2.2, 4.2.3, and 4.2.4, “Fire Department Communications.”
FF: Fire Streams	60	Knowing how manage fire streams is a crucial, and potentially lifesaving, part of a firefighter’s job. In this module you will learn how to select, deploy, and use the proper hoselines, nozzles, and fire streams. Content in this module is aligned with the NFPA 1001, Standards for Fire Fighter Professional Qualifications, Fire Fighter I: 4.3.10, 4.3.11, and 4.3.13, “Fireground Operations;” and Fire Fighter II: 5.3.2, “Fireground Operations.”

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FF: Firefighter Safety and Survival	60	Firefighting is a dangerous occupation, requiring routine life-and-death decisions. There is no greater priority on the fireground than firefighter safety and survival. This module will cover common hazards, accidents, and injuries, risk management and mitigation, and the impact of behavior and response. Content in this module is aligned with the NFPA 1001 Standards for Fire Fighter Professional Qualifications, Fire Fighter I: 4.1.1, "General Knowledge Requirements," 4.2.4, "Fire Department Communications;" 4.3.2, 4.3.3, 4.3.5, 4.3.9, 4.3.10, 4.3.17, and 4.3.18, "Fireground Operations," and Fire Fighter II: 5.1.1, "General Knowledge Requirements."
FF: Firefighting Tools	60	Firefighting is a labor-intensive, tool-dependent occupation. Tools accomplish various tasks on the fireground. This module will cover the different types of tools used in fire service, how they are used, and their care and maintenance. Content in this module is aligned with the NFPA 1001 Standards for Fire Fighter Professional Qualifications, Fire Fighter I: 4.5.1, "Fireground Operations;" and Fire Fighter II: 5.5.4, "Fire and Life Safety Initiatives, Preparedness, and Maintenance."
FF: Forcible Entry	60	Forcible entry is often the first step before a fire attack, search or rescue can begin. It takes place through a door, window, wall, or other opening. Firefighters must be proficient in forcible entry, choosing the right tool for the job and operating safely. This module will cover the different types of locks, doors, and windows as well as breaching floors and walls and the appropriate tools used to force entry. Content in this module is aligned with the NFPA 1001 Standards for Fire Fighter Professional Qualifications, Job Performance Requirements, Fire Fighter I: 4.3.4 and 4.3.9, "Fireground Operations;" and Fire Fighter II: 5.3.2, "Fireground Operations."
FF: Incident Command Systems	60	"The incident command system (ICS) is as much about firefighter safety as it is about effective incident management. In this module, you'll learn about the history of ICS, why it exists, how it operates, and what role the firefighter plays within it. Content in this module is aligned with the NFPA 1001 Standards for Fire Fighter Professional Qualifications, Fire Fighter II: 5.1.1, "General Knowledge Requirements." "

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FF: Ladders	60	Fire service ladders are essential in the performance of both saving human life and extinguishing fires. Constructed under rigid specifications, their use during adverse conditions requires them to provide a margin of safety not usually expected of commercial ladders. On the fire ground, they require close and coordinated teamwork quickly and accurately using established and proper techniques. Content in this module is aligned with the NFPA 1001, Standards for Fire Fighter Professional Qualifications, Fire Fighter I: 4.3.6 and 4.3.20, "Fireground Operations;" and 4.5.1, "Preparedness and Maintenance;" and Fire Fighter II: 5.5.4, "Fire and Life Safety Initiatives, Preparedness, and Maintenance."
FF: Origin and Cause Investigation	60	Firefighters who understand the procedures of a fire investigation can be useful tools to the fire investigator. This module will explain the role of the firefighter in fire investigations, how to collect and preserve evidence, and basic procedures followed by all persons involved. Content in this module is aligned with the NFPA 1001, Standards for Fire Fighter Professional Qualifications, Fire Fighter II: 5.3.4, "Fireground Operations."
FF: Personal Protective Equipment	60	Personal protective equipment (PPE) is a firefighter's first, but not last, line of defense. In this module, you'll learn about the different types and limitations of each PPE as well as how to inspect and maintain PPE. Content in this module is aligned with the NFPA 1001 Standards for Fire Fighter Professional Qualifications, Fire Fighter I: 4.3.2 and 4.5.1, "Fireground Operations;" and 4.5.1, "Preparedness and Maintenance;" and Fire Fighter II: 5.5.4, "Fire and Life Safety Initiatives, Preparedness, and Maintenance."
FF: Pre-Incident Planning	60	The ability to successfully handle a fire in a building is greatly enhanced by one critical factor: a pre-incident plan. Formulating a plan of action before an incident gives a foreground commander inside information about the building and its contents, allowing the officer to anticipate problems and best use his or her resources. This module will review how to conduct a pre-incident survey and develop a pre-incident plan. Content in this module is aligned with the NFPA 1001, Standards for Fire Fighter Professional Qualifications, Fire Fighter II: 5.5.3, "Fire and Life Safety Initiatives, Preparedness, and Maintenance."
FF: Ropes and Knots	60	Rope work is an important part of the fire service. Firefighters need to understand how to select ropes based on construction, strength, and use. Firefighters also need to know how to tie essential fire service knots and how to properly care for, clean, and store ropes. That is what this module will cover. Content in this module is aligned with the NFPA 1001 Standards for Fire Fighter Professional Qualifications, Fire Fighter I: 4.3.20 and 4.5.1, "Fireground Operations;" and Fire Fighter II: 5.5.4, "Fire and Life Safety Initiatives, Preparedness, and Maintenance."

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FF: Salvage and Overhaul	60	The three tactical priorities of fireground operations are life safety, incident stabilization, and property conservation. Salvage and overhaul affect all three. In this module, you'll learn how to conduct salvage and overhaul operations in a safe and thorough manner. Content in this module is aligned with the NFPA 1001, Standards for Fire Fighter Professional Qualifications, Fire Fighter I: 4.3.8, 4.3.10, 4.3.13, and 4.3.14, "Fireground Operations."
FF: Search and Rescue	60	"Fighting fires is a well-orchestrated event carried out by a highly trained team. The procedures and techniques that make up this module are critical for the survival of the rescuers as well as the victims. This module will cover search and rescue techniques, victim removal techniques, and choosing a dangerous situation response. Content in this module is aligned with the NFPA 1001, Standards for Fire Fighter Professional Qualifications, Job Performance Requirements, Fire Fighter I: 4.3.9, "Fireground Operations," and Fire Fighter II: 5.3.2, "Fireground Operations." "
FF: Self-Contained Breathing Apparatus	60	Self-contained breathing apparatus, or SCBA, provides respiratory protection so firefighters can operate safely in all kinds of hazardous environments. In this module, you will learn about SCBA for fireground operations, and how to operate, troubleshoot, and care for it. Content in this module is aligned with the NFPA 1001 Standards for Fire Fighter Professional Qualifications, Fire Fighter I: 4.3.1, 4.3.5, 4.3.10, 4.3.11, and 4.5.1, "Fireground Operations;" and Fire Fighter II: 5.5.4, "Fire and Life Safety Initiatives, Preparedness, and Maintenance." It also is aligned with components of NFPA 1500 Standard on Fire Department Operations.
FF: Support of Technical Rescue Teams	60	Firefighters need to be prepared to assist and support many types of rescue operations. It is important to have the skills, knowledge, and abilities to support secondary rescue units. In this module, you will review the ways which firefighters provide support to rescue operations, distinguish between the different forms of response and how they change based on environmental and structural factors, and describe proper rescue procedures. Content in this module is aligned with the NFPA 1001, Standards for Fire Fighter Professional Qualifications, Fire Fighter II: 5.4.1, "General Knowledge Requirements," and 5.4.2, "Rescue Operations."
FF: The Mission, History, and Traditions of Fire Service	60	You are one in a long line of firefighters who have put their lives at risk for others. But how much do you know about the mission, history, and traditions of fire service? In this module, you'll investigate the core values of fire service and how they're put into action, key historic figures and events, and traditions you might encounter locally or regionally. Content in this module is aligned with the NFPA 1001 Standards for Fire Fighter Professional Qualifications, Fire Fighter I: 4.1.1, "General Knowledge Requirements."

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FF: The Modern Fire Service	60	Firefighters do much more than fight fires. Because of that, it's important that they understand all the components of the modern fire service. In this module, you'll examine how fire departments are organized and the types of services they perform. You'll also become familiar with the sister agencies it partners with and the policies, regulations, and standards that govern fire department operations. Content in this module is aligned with the NFPA 1001 Standards for Fire Fighter Professional Qualifications, Fire Fighter I: 4.1.1., "General Knowledge Requirements."
FF: Vehicle Extrication	60	Motor vehicle crashes (MVCs) are the second most common incidents that the fire service will respond to. Motor vehicles have been designed to keep the passengers as safe as possible, but sometimes this can impede rescue or injure fire service personnel. Every MVC is different. However, the fire service must be prepared for rapid management of the scene, hazard reduction, and rescue of the patient. This module will review vehicle management, patient extraction, rescue tools, and select the appropriate actions to take during a motor vehicle crash rescue. Content in this module is aligned with the NFPA 1001, Standards for Fire Fighter Professional Qualifications, Fire Fighter II: 5.1.1, "General Knowledge Requirements."
FF: Vehicle Fires	60	Vehicle fires can occur for many reasons when the vehicle is being driven, when it is parked and turned off, or as a result of an accident that compromises one of the vehicle's systems. This module will cover basic vehicle fire extinguishment procedures, potential hazards of fighting vehicle fires, and proper fire operations based on vehicle type and situation. Content in this module is aligned with the NFPA 1001 Standards for Fire Fighter Professional Qualifications, Fire Fighter 1: 4.3.7, "Fireground Operations."
FF: Ventilation Strategies: Roofs	60	Safe, timely, and effective ventilation is integral to control and extinguish structure fires. In this module, you will learn the types of ventilation, ventilation principles and procedures, and ventilation operations for various types of roofs. Content in this module is aligned with the NFPA 1001, Standards for Fire Fighter Professional Qualifications, Fire Fighter I: 4.3.11, 4.3.12, and 4.3.20.

FF: Ventilation Strategies: Varied Structure Types	60	Safe, timely, and effective ventilation is integral to control and extinguish structure fires. In this module, you will learn the types of ventilation, ventilation principles and procedures, and ventilation operations for various types of structures and fires. Content in this module is aligned with the NFPA 1001, Standards for Fire Fighter Professional Qualifications, Fire Fighter I: 4.3.11, 4.3.12, and 4.3.20.
FF: Water Supply and Hose	60	Water supply is a crucial component of the fire service. Firefighters need to know about different water supplies, how water is treated and stored, as well as how water can be distributed. Firefighters also need to know about the hose, specifically how to test, maintain, and store them. Content in this module is aligned with the NFPA 1001, Standards for Fire Fighter Professional Qualifications, Fire Fighter I: 4.3.10 and 4.3.15, "Fireground Operations;" 4.5.2, "Preparedness and Maintenance;" and Fire Fighter II: 5.5.5, "Fire and Life Safety Initiatives, Preparedness, and Maintenance."
Fire Instructor: Assessments and Evaluations	60	Assessments are meant to be conducted throughout your time with your students to ensure their understanding of the topic you teach in the classroom and the skills you are demonstrating on the training ground. Evaluations are meant to measure student understanding at the end of a unit, a class, or a training session, and these come in the form of tests provided by your hosting AHJ. Utilize these two measurement methods to ensure your students fully comprehend the topics and skills you are teaching.
Fire Instructor: Creating Effective Lectures	60	Keeping open lines of communication is key to creating a safe environment for you as the instructor and your students. Providing your students with the necessary information and training is important, but you must also ensure they obtain that information and meet their learning goals. Students who answer questions, pose questions, and participate in group discussions all prove that they understand what you have taught them. In this course, we'll discuss these factors and more to determine what goes into creating an effective lecture.

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Fire Instructor: Customizing Lesson Plans for Individual Development	60	A lesson plan is your outline for what topics will need to be covered to achieve the learning goals for each of your students. However, there are times when you will need to customize the plan to fit the needs of students. Your students will come from very different backgrounds, some may have learning disabilities and need more one-on-one instruction to succeed, and others may have more experience on the subject and need to be challenged with new details to stay engaged. To adapt to the challenges of teaching a group of individuals with different needs, you should focus on adapting your lesson plans, classroom environment, and teaching methodologies to give your students the best chance to achieve the course objectives.
Fire Instructor: Effective Learning Environments	60	All instructors should strive to create an effective learning environment where your students feel comfortable and trust you as their instructor and fellow students. Simple adjustments like the configuration of students' desks and your position in the classroom while teaching are ways to build that trust and engage more students in your teaching, leading to an effective learning environment.
Fire Instructor: Elements of a Lesson Plan	60	Fire Service Instructors are responsible for many things when it comes to leading a group of students in a classroom setting or during hands-on training: understanding the components of a lesson plan, assembling supporting materials for the lesson, using and adapting a plan, and meeting the needs of their students. In this course, we will review how to take the list of duties of an instructor and break them down into manageable steps so you can be better prepared for your first class and those to follow. You will be given scenarios of real-life situations with <u>explanations of how to adapt the plans and techniques to fit the situation best.</u>
Fire Instructor: Principles of Learning	60	As a Fire Service Instructor I, you will mostly teach adult learners. Regardless of the course, you will no doubt be teaching students from different backgrounds and cultures with various motivation levels. As their instructor, it is important to adapt your lessons, teaching techniques, and possibly expectations based on their needs. In this course, we will discuss the impacting factors affecting students, including motivation, cultural differences, learning styles, learning disabilities, and more. We will also review how you can help these students succeed despite their roadblocks.

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Fire Instructor: The Role of Online Learning	60	Since the idea of distance learning was first introduced, to now, how a student and instructor can attend a class has evolved. Online training is not meant to replace hands-on training but can supplement and make lecture time more effective by reviewing the basic information in the virtual classroom. The setting and modes of communication may differ, but the instructor's main role remains the same: providing students with the best opportunity to achieve the learning objectives.
Fire Officer: Administrative Department Operations	60	This course will examine the different administrative tasks required of the company officer. The four areas of focus will be budgeting, labor relations management, information management, and developing and implementing policies and procedures.
Fire Officer: Community Relations and Risk Reduction	60	This course will examine the role that the fire department plays in protecting the community. This starts with prevention rather than reaction, by analyzing the community and developing programs to address certain risks. Community relations are where the fire department advances the goal of reducing loss of life and property from fire within the community.
Fire Officer: Conducting Fire Inspections and Investigations	60	This course will examine the purposes and processes for conducting fire inspections and investigations. The company officer may lead the inspection or the investigation or assist with both in some capacity. We will detail what the company officer needs to know to conduct the inspection and investigation.

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Fire Officer: External Relationships	60	This course will examine the concept of stakeholders, both internal and external, private, public, and government-affiliated, in relation to the fire department. It will examine their expectations for the department and the fire service in general and the role the fire department plays in local government. This course will also outline resources and agencies at the local, state, and federal levels that can support the fire department's mission and practice.
Fire Officer: Health and Wellness of Personnel	60	67% of firefighter injuries each year occur during non-fireground activities such as responding or returning from emergencies or during training accidents. That means there is a lot of room to grow regarding safety implementation. This course will highlight the important facets of health and safety and what the company officer must know to be involved in preventing and investigating common causes of firefighter injury and fatality. Focusing on the health and safety of every crew member is ethical, professional, and beneficial to the department.
Fire Officer: Incident Operations	90	The incident scene is the fire service's professional specialty. This course will examine the different facets of operating on the incident scene, including the lead-up and pre-plan, during the incident and operations, and after fire service operations and containment. The company officer will be involved in all three areas – as a leader, manager, or under the supervision of another company officer. All positions will serve as vital components of the overall incident management system.

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Fire Officer: Management Responsibilities and Ethics	60	Leadership takes on new intonations depending on the leader, their accompanying traits and characteristics, and their ability to inspire the best from their crew in the fire service. This course outlines the important differences between management and leadership, as well as varying theories and styles of implementation. Actions and supporting activities for effective management are discussed, as well as the characteristics of good leadership. The legal and ethical responsibilities of the company officer are addressed.
Fire Officer: Officer Professional Development	60	The fire officer will continually utilize the skills of communication, decision-making, and conflict management. These skills can be acquired and accelerated through professional development, higher education opportunities, and setting goals. This course will examine the various aspects of professional development for the company officer and how to continually develop their skill sets through various means, which will allow them to increase their effectiveness within the organization.
Fire Officer: Role in the Organization	60	Firefighters seeking to serve their departments and communities more effectively may be interested in becoming company officers. This course aims to educate current and aspiring company officers in the fire service to maximize their leadership capabilities. Ultimately, leaders strive to serve, create a cohesive crew, and ensure safety for the departments and communities they serve. This course, based on Robert S. Fleming's book Company Officer for Fire and Emergency Services, prepares the learner for the knowledge , skills, and competencies outlined for Fire Officer I and Fire Officer II in NFPA 1021, Standard for Fire Officer Professional Qualifications.
Fire Officer: Supervising and Developing Personnel	60	This course will examine the role of the company officer in more detail with respect to managing and leading the crew for which they are responsible. It will explore and detail the areas of training, mentoring, supervision, performance management, and discipline.

Fire Ventilation and Flow Path Control	60	Michael Reick, a regional fire chief in Germany, looks the differences in how Europe studies flow paths and ventilation as well as LODDs compared to their US counterparts.
Firefighter Training Programs: A New Approach	90	Finger Jr. gives the latest updates on how best to construct your training programs to fit the your state, municipal, and federal requirements.
Fireground Strategies: Command, Control, and Accountability	60	Avillo goes through the timeline of what first-arriving crews should expect when arriving at the fireground and how to approach and train for the many types of responses faced by every engine company.

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Fireground Strategies: When Buildings Change the Rules of the Game	90	Anthony Avillo goes through the timeline of what first-arriving crews should expect when arriving at the fireground and how to approach and train for the many types of responses faced by every engine company.
Flashover: Life and Death Decisions on the Fireground	105	Winzer uses his own experiences from suffering burns in a flashover to inform FDIC students to the potential dangers all firefighters face when responding to structure fires.
Foam: There Is a Better Way to Do the Job	75	Shawn Oke looks at the basic terminology, types, variables, and experiment results of this invaluable water supplement
Follow the Water	75	Gustin gives this on-camera demonstration on the basics of standpipes, their myriad functions and uses, the various types found in specific buildings, and how they are to be used in case of fire.
Full Contact Leadership	90	In this course, Deputy Chief Anthony Avillo introduces you to the traits 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 uncomfortable personnel conflicts and subordinate/superior relationships and their application to the fireground are a major focus. The steps to resolving personnel conflict are compared and applied to the familiar fireground evolutions with which most fire operators are comfortable--as a way to introduce a level of comfort into the uncomfortable areas of command and leadership.

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Gaining Relative Superiority: The 2 1/2-Inch Attack Line	60	Brian Brush discusses some of the advantages of the 2 1/2-inch hoseline in fire attack.
Gaining the Tactical Advantage	60	Isaac Frazier discusses the importance of preparation, training, and mental focus firefighters need to handle the physical and mental pressures before the tones drop.
Hazmat Awareness (Hazcom)	60	First responders can mitigate risks and personal bodily harm by being aware of where to find life-saving information in an emergency and being prepared for likely outcomes. This course is designed to equip firefighters and emergency response personnel with essential knowledge and skills to navigate the release of chemicals and hazardous substances. This course will cover relevant material for NFPA 704, NFPA 472, and the OSHA Hazard Communication Standard. Key topics include understanding chemical safety hazards, recognizing potential threats posed by hazardous substances in different environments, and ensuring effective
Hazmat: Awareness Response to Hazardous Materials	120	Hazardous material (hazmat) operations begin with using product and hazard information to correctly identify the materials involved and utilizing resources to guide the initial response and defensive operations. In this module, you'll learn how to recognize commonly used hazmat placards and markers, use resources like the Emergency Response Guidebook, and perform awareness level operations related to initial response and product control. This module provides knowledge and information related to OSHA 1910.120 and the following NFPA Standard 1072 Job Performance Requirements: 4.2.1, 4.3.1, 4.4.1, and 6.5.

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Hazmat: Chemicals, Their Properties, and Potential Hazards	120	It is important for responders to be familiar with basic chemistry concepts to understand how elements react with one another to form chemical compounds and how chemicals react to each other so they can predict the behavior of hazardous materials. It is not necessary to memorize the chemical symbols of all the elements on the periodic table, but one must be familiar with those that most often appear in hazardous materials. In this module, you'll learn about chemicals, their properties, and potential hazards. This module provides knowledge and information related to OSHA 1910.120 and the following NFPA Standard 1072 Job Performance Requirements: 5.1.2.
Hazmat: Detection, Monitoring, and Sampling	60	First responders can use a variety of monitors and detectors to determine hazards present at potential hazardous materials incidents. Detection and monitoring equipment range from simple papers that detect presence to sophisticated multi-gas gas detectors that quantify the amount present in the atmosphere. In this course, you'll learn about how hazardous materials are detected, monitored, and sampled. This course provides knowledge and information related to OSHA 1910.120 and the following NFPA Standard 1072 Job Performance Requirements: 6.7.
Hazmat: Fixed Facilities and Fire Protection	60	Fixed facilities have many types of fixed fire-protection, suppression, and detection systems. In this module, you'll learn about these fixed systems. You'll also learn about other forms of fire protection, such as the International Fire Code, and the process of pre-emergency planning. This module provides knowledge and information related to OSHA 1910.120 and the following NFPA Standard 1072 Job Performance Requirements: 5.1.1, 5.1.4, 5.1.5, 5.4.1, and 5.6.1.
Hazmat: Foundation to Hazardous Materials	60	Simply put, if something endangers the public, the fire department typically plays some role in the response. Along those lines, in most communities it is the responsibility of the fire department to handle the release of hazardous materials (hazmat) and weapons of mass destruction (WMD). This module provides knowledge and information related to OSHA 1910.120 and the following NFPA Standard 1072 Job Performance Requirements: 4.1.1, 4.1.3, 4.2.1, 5.1.1, 5.1.4, and 5.1.5.
Hazmat: Gross, Emergency, Mass, and Technical Decontamination	60	Decontamination protects responders from agents that may contaminate and permeate the protective clothing, self-contained breathing apparatus (SCBA), tools, apparatus, and other equipment used at the incident. In this module, you'll learn about how things become contaminated, and how to perform different kinds of decontamination procedures during accidental release incidents and at crime scenes. This module provides knowledge and information related to OSHA 1910.120 and the following NFPA Standard 1072 Job Performance Requirements: 5.5.1, 6.3, 6.4, 6.5.1, and 6.6.1.

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Hazmat: Hazardous Material Operations	120	Hazardous materials (hazmat) operations depend on the structure of the Incident Command System (ICS) and the observations of its responders to predict potential harm; minimize hazards; control the scene; and protect people, property, and the environment. In this module, you will learn how ICS works, how to estimate and reduce potential harm, and the types of hazmat response operations you may be asked to perform on-scene. This module provides knowledge and information related to OSHA 1910.120 and the following NFPA Standard 1072 Job Performance Requirements: 5.1.1, 5.1.5, 5.2.1, 5.3.1, 5.4.1, and 5.6.1.
Hazmat: Incidents involving Terrorism, Weapons of Mass Destruction, and Illicit Laboratories	60	Acts of terrorism are designed to result in the maximum amount of damage from an explosive device, or through the release of a chemical or biological agent, which are often created in illicit laboratories. These illegal labs may explode or contaminate its workers and the surrounding environment, which can cause catastrophic damage similar to a terrorist attack. Terrorist activity may include actions like vehicular homicide and shootings, but for the purposes of this course, we will focus on hazmat response to terrorist activity. In this module, you'll learn how to recognize signs that identify potential terrorist activity and illicit labs. You'll also learn which actions to take during incidents involving terrorism, weapons of mass destruction (WMD), and illicit laboratories. This module provides knowledge and information related to OSHA 1910.120 and the following NFPA Standard 1072 Job Performance Requirements: 5.1.1, 5.1.5, 5.2.1, 5.3.1, 5.4.1, and 5.6.1.
Hazmat: Personal Protective Equipment	60	Personal protective equipment (PPE) is an important component in any hazmat responder's inventory. Using it properly is the best way to prevent injury or death. In this module, you'll learn about the two major categories of PPE, how to select the proper PPE for an incident, and how to use and maintain the equipment properly. This module provides knowledge and information related to OSHA 1910.120 and the following NFPA Standard 1072 Job Performance Requirements: 6.2.1.
Hazmat: Victim Rescue and Recovery	60	Rescue operations can range from a single exposed or injured victim to a mass casualty event. The incidents can range from accidental releases from vehicles or industry to terrorist acts. Operations-level personnel trained to the mission-specific operation of victim rescue and recovery must operate under the guidance of a hazardous materials technician, an allied professional an emergency response plan, or standard operating guideline. This module covers the methods of victim rescue, triage, and recovery. This module provides knowledge and information related to OSHA 1910.120 and the following NFPA Standard 1072 Job Performance Requirements: 6.8.1.

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Hearing Conservation for First Responders	60	Research has found that about 40% of firefighters experience some level of hearing loss due to exposure on the field and in the firehouse. When we think about hearing loss, we assume it is only caused by long durations or loud noises, which is incorrect. Further research has been done on the subject and found that it is not only noise exposure but also exposure to certain harmful chemicals that we are exposed to in the field. While most forego the use of hearing protective equipment to avoid not hearing communications of sounds of the scene, they are doing more harm than good because the more exposure they subject themselves to in those instances, the worse off their hearing will be in the near future.
HIPAA for First Responders	60	HIPAA provides protections to ensure that patient identities and their protected health information remain confidential. It's important that all EMS providers take steps and caution to prevent any violations of HIPAA. This course will act as a reminder to ensure providers take the necessary precautions to avoid any information breaches.
HIPAA for Managers of First Responders	90	HIPAA provides protections to ensure that patient identities and their protected health information remain confidential. It's important that all EMS providers take steps and caution to prevent any violations of HIPAA. This course will act as a reminder to ensure providers take the necessary precautions to avoid any information breaches.
Hoseline Operations For Fires In Multiple Family Dwellings	90	Gustin's lecture looks at the importance of the decisions incident commanders must make in choosing and placing hoselines at multiple dwelling fires.

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Incident Command Mindset and Initial Response	120	The command function is arguably one of the most challenging on the fireground, or any emergency scene for that matter, in both larger and smaller departments. In the first minutes of an incident, the Incident Commander (IC) takes in massive amounts of data, distills it down into decipherable pieces of information, and then makes strategic decisions that guide the incident forward based on that information. To do this, the IC must not only be operationally sound and an excellent communicator, but they must also have a robust understanding of those initial critical command functions, why they are being performed, and how to perform them proficiently. This course will guide anyone who is, or potentially will be, an incident commander.
Introduction to Aircraft Rescue and Firefighting (ARFF)	120	Airport rescue and firefighting services can differ significantly in terms of staffing, equipment, vehicles, operating procedures, airport size, emergency activities, and the types of aircraft they serve. Throughout this course, we will review the knowledge first responders should have when responding to aircraft or airport fires, including but not limited to the layout of the airport, the type and size of aircraft at the airport, different fire extinguishing agents, evacuation protocols, and how to read and navigate additional resources like an Airport Emergency Plan (AEP). The information in this course aligns with 14 CFR Section 139, AC 150/5210-17, NFPA 440, NFPA 460, and NFPA 1900. Procedures at your facility may not align with all the
Ladders: Operational Strategies with Portables, Aerials, and Towers	75	Aerial expert Ciampo looks at all of the possibilities and options incident commanders have when positioning ladders at large structure fires.
Leadership is...	60	In this course, Peter Van Dorpe discussed multiple components of the hard work that is leadership. Leaders are called to lead through difficult and, at times, unpleasant situations. However, through this experience, leaders can grow and develop to become the best leader they can be. After examining qualities of a good leader and some lessons from wise leaders, now you have a plethora of inspiration and motivation to put this knowledge to good use.

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Leadership Through Training	60	This course discusses the role all instructors have as leaders and influencers. It delves into ways we can maximize that influence before, during, and after we train. It provides practical advice that is immediately deployable. Training is influence, and influence is leadership. How will you lead through training today, tomorrow, and in the future?
Lockout/Tagout	60	Responding to an emergency call at a location that handles hazardous materials and machines can be a frightening situation if you do not have the proper training. Industries that work with such materials are required to have a lockout/tagout system in place to prevent these situations from happening, but sometimes accidents will happen anyway. As a first responder, you must go into these calls with your training, an understanding of how to handle these locks and tags, and knowing that you will have to be even more cautious when providing care as your actions may have adverse reactions when it comes to dealing with hazardous
Main Street Fires: Is Your Department Ready?	60	Pronesti talks about making the necessary preparations departments need to make before running calls for large fires in heavily populated areas.
Man vs Machine	60	Man vs. Machine incidents pose unique considerations that responders must consider. In this training collection course, experts Jimmy Adams, Mark Gregory, Tom Gies, Paul LaRochelle Jr., Pat Nichols, and Phil Higgins discuss and demonstrate what to do during Man vs Machine situations. This course will provide insights on ring removal, meat grinder accidents, industrial machine incidents, and more.
Mitigating Workplace Violence	60	Learning how to mitigate workplace violence is a crucial part of providing a safe and secure work environment. Mitigating workplace violence is not only important so that departments can provide personnel with a safe workplace, but it also allows staff to recognize early warning signs and how to report them. This course will help departments learn how to recognize, identify, prevent, and respond to instances of workplace violence.

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Municipal Response to ARFF Incidents	60	Aircraft accidents pose unique challenges to municipal firefighters who may not have been specifically trained in aircraft rescue and firefighting techniques. Departments near an airport may be called on for aircraft-related incidents and should seek to train for a safe and effective response. In this course, we will discuss regulations, aviation specifics for response, extinguishing aircraft fires, search and rescue operations, hazmat mitigation, and scene preservation.
NFPA 1850: Challenges, Realities, and Solutions	90	This course discusses NFPA 1851 (now merged into NFPA 1850), the Standard on Selection, Care, and Maintenance of Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting, emphasizing aspects that affect not only the end user firefighter but also the entire organization. Topics discussed include the entire structural firefighting ensemble; an explanation of materials, certification testing, and care by the end user and the organization; quartermaster systems internal and external; challenges to implementation; cultural challenges; strategies and best practices for implementation; and value to the firefighter and organization will be covered. NFPA Standards: 1850, 1970
Officer Development in the Volunteer Fire Service	90	Far too many officers are simply elected or appointed but they are provided with very little or no training at all and are left to “fend for themselves” as they try to earn respect and gain the confidence of their membership while trying to learn about the jobs they are expected to perform. In this course, Deputy Chief Merrill advises on the unique challenges faced by volunteer fire officers for both operations and administration. Officers and future fire officers need to be able to properly prepare for and perform their roles as officers. To help equip current and future officers, Deputy Chief Merrill gives tips, tactics, and advice.

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Overcoming Common Engine Company Mistakes and Fireground Problems	60	Jason Rivera takes this hands-on, back-to-basics approach on getting the initial attack line quickly in place and how to avoid and overcome problems when things go wrong.
Personal Protective Equipment (PPE)	90	When was the last time you or someone you know got hurt on the job? Studies show that firefighters sustain about 60,000 injuries annually, and EMS professionals sustain about 23,000 injuries annually from responding to emergency calls. That doesn't include regular injuries sustained at the station or over time. PPE can lessen the impact of these injuries and help you to keep answering the next call for help. This course will address the types of PPE available for fire and EMS professionals, legal requirements from OSHA regulations, and tips for maintaining your equipment and staying "combat ready." NFPA 1971, OSHA 29 CFR 1910, and OSHA 29 CFR 1926 are referenced throughout.
Preventing Sexual Harassment	60	Fire and EMS personnel come to work ready to face any call that comes their way. When facing a difficult call, resting at the station between calls, or interacting with other personnel, there may be times that an individual is made to feel uncomfortable in their working environment. Every employee deserves to work in an environment free from harassment. In this course, we'll examine what constitutes sexual harassment, ways to prevent it, and how to cultivate a safe working environment.
Preventing Slips, Trips, and Falls	60	The Fire Engineering Training and JEMS Training teams have a wide breadth and depth of experience for developing training content for first responders. Combined, they have over 50 years of experience incorporating different learning styles and techniques to deliver effective, engaging training. This team has experience developing and delivering training to all audiences, including fire, EMS, law enforcement, medical, corporate, and k12 education.
Protection Against Phishing Attacks	60	Reports of online scams and cyberattacks are on the rise, but most people don't heed them until it's too late. So, what steps can you take right away to avoid becoming another cautionary tale? One critical security measure is protecting yourself against phishing—when an attacker pretends to be a trusted contact or organization to gain access to personal information. This general education course provides foundational information on this subject, not specific to Fire and EMS operations.

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Pump Panel Pointers	60	Jerry Naylis offers his practical solutions to common problems apparatus pump operators can encounter in the field.
Quick Drills for the Driver Operator	60	Eric Hankins offers these quick tips to allow apparatus driver-operators to improve their skills and become more efficient at their job.
Resolving Conflict in the Workplace	60	Resolving conflict between employees can be difficult. This general education course explains the common causes of conflict. It also gives you six full-proof steps to mediate conflict and how to deal with angry or frustrated employees.
Respiratory Protection for First Responders	90	At 8% oxygenation in the atmosphere, fatality can occur in 8 minutes. The odds are, you will respond to calls with respiratory hazards. Clear thoughts and oxygenated muscles will help you on any emergency scene. Clear, oxygenated air supports your body's life-supporting functions and keeps you performing at your best. All emergency personnel must properly utilize their respiratory protection. This course will detail the foundational principles for establishing and using respiratory protection in the fire and EMS sectors of service in consultation with OSHA 29 CFR 1910.134, NFPA 1981 and NFPA 1852 SCBA Standards, NFPA 1970, NIOSH 30 CFR Part 11 and NIOSH 42 CFR Part 84.
Roadside Safety Issues	90	Emergency responses to road and highway incidents are some of the most dangerous work faced by firefighters and emergency medical personnel. According to the National Highway Traffic Safety Administration (NHTSA), on average, 23 roadside workers and first responders are killed in motor vehicle-related crashes on the roadside, with hundreds of others suffering injuries from the same. Blocking with a fire apparatus can help protect fire and EMS personnel, but that's only one aspect of an overall system of strategies and tactics for highway incident response. As we will discuss in this course, there are several tactics responders

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Rural Water Movement Operations	75	Adkins explains how rural fire departments can maximize its operations through the most efficient ways to move its water supply.
S-130: Briefings and Demands of the Position	60	There are many demands of being a wildland firefighter; you are exposed to arduous elements, push your bodies to physical limits to complete a task, spend extended time away from family and friends, and more. Because of these stresses, it is important to find the right balance to ensure you are giving yourself the best opportunity to get the job done while keeping yourself safe from unnecessary risk. Efforts should be made before responding to incidents, such as staying physically and mentally fit to keep your body in shape and ready for
S-130: Personal Equipment, Resources, and Organization	60	As wildland firefighters, you will face dangers, both hidden and in plain sight. The heat of the flames, the ash flying in the air, fallen trees, and uneven terrain are all part of the environment and hazards of this line of work, making them hard to avoid in most cases. However, resources and equipment are available to combat and protect firefighters responding to these incidents.
S-130: Risk Management and Case Study	90	Over the years, much research has been done and efforts have been made for a safer wildland firefighting environment by assisting in risk management. Through these efforts, two lists have been created to act as guides for responding units, one to utilize as a way of ensuring they are taking necessary steps and the other as a reference for the most common dangerous scenarios found on the wildland fireground. Within this course, we will review these lists, how they came to be, and how they are still used on the fireground to continue to help firefighters increase their risk management on the dangerous wildfire grounds.

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S-130: Suppression, Tools, and Equipment	60	Firefighting is not a one-person job; you have your crewmembers who will be working alongside you, supervisors guiding you on where to go and providing essential updates on the fire itself and factors affecting it, and you also have tools and equipment there to help make your efforts in suppressing the flames that much easier. As we'll discuss in this course, it is important to utilize these pieces to your advantage in creating safety zones, escape routes, and control lines, as these are means to keep you and your crew safe.
S-190: Alignment	60	Wildfires can change very quickly and frequently due to the nature of the environment they are burning. Factors like weather patterns moving through the area, the topography of the location where the fire is burning, and the fuels available in that area each play a role in the behavior and intensity of a fire. When these three align, the changes can be sudden and unpredictable. It is imperative for responding units to be aware of these factors and how they can impact a wildfire to be alert of the possible effects.
S-190: Atmospheric Stability, Wind, Clouds, and Critical Fire Weather	60	Many environmental factors can impact wildland fires; some will encourage the flames to grow higher and stronger, while others may suppress the fire, aiding in the efforts to extinguish it. Clouds can act as indicators of weather changes, signaling to responding firefighters that the fire's behavior may change gradually or very quickly. Winds can affect clouds moving in and out of a region and affect fire spreading, while atmospheric stability can affect both winds and clouds. When responding to wildfires and working in the elements of the environment, it is important to pay close attention to all signs of weather changes to come, as the battle to put out the flames could change in an instant.
S-190: Basic Concepts and Fuels	60	As a firefighter responding to a wildland fire, a landscape that can change in seconds, it is important to be prepared. A basic understanding of the terminology used in the field relating to the parts of a fire, suppression, and fire behavior will provide a better understanding and ability to use skills and knowledge more effectively. Being able to distinguish the different fuel types igniting these fires will benefit all responding departments by giving an idea of how the fire may burn, how best to extinguish it, and how to navigate it safely.
S-190: Temperature, Moisture Relationships, and Topography	60	Weather is the most unpredictable and challenging aspect of the fire environment. Firefighters closely monitor temperature and moisture as these weather components directly influence fuels and potential fire behavior. Weather can also be affected by topographic features and characteristics of an area. The responsibility for predicting wildland fire behavior lies with everyone on the fireline, emphasizing the importance of identifying, analyzing, and using

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SCBA Bootcamp: A Firefighter's Survival School	75	Trevor Steedman looks at the best ways for firefighters to get the most out of their self-contained breathing apparatus to avoid line-of-duty injury or death.
Size Up and Command for the Small Department	60	Joe Pronesti explains how small fire departments can make the most out of their limited resources to help them avoid the pitfalls that some larger fire departments are able to contain.
Size-Up for Safety and Effectiveness	60	This class will examine why the strategy chosen by first-arriving companies and the tactics they perform can be entirely appropriate in the initial stages of a firefighting operation but may become ineffective and unreasonably dangerous later in an incident. Learn why size-up isn't just performed on arrival but must continue throughout the duration of an incident; why size-up must be performed from two perspectives--inside and outside a fire building; why a red flag should go up when an inside size-up and outside size-up are not in agreement; and why experienced firefighters do not operate at every phase of a firefighting operation with the same strategy, tactics, or level of risk. This class will also examine factors to consider in an ongoing size-up that continuously evaluates the risk to civilians and firefighters vs. the intended
Standpipe Operations	105	Gustin his vast expertise in large building response to teach the best ways to use the structures standpipes when setting up attack hoselines.
Standpipe Operations: Operational Considerations	90	Gustin returns to his bread-and-butter subject of standpipes with this overview of hose lengths and lays, building types, staffing sizes, NFPA standards, and many other issues at the heart of this subject.

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Tackling Defensive and Distracted Driving	60	In the United States, over 100 fatalities per day result from car crashes. Of those, 9% are the result of distracted driving. Defensive driving will help first responders and passengers get to and from emergencies with minimal incidents. Being aware of common driving distractions will help you to anticipate ways to avoid accidents caused by distractions. This course will discuss defensive driving techniques for large work vehicles like fire engines and ambulances, defensive driving techniques for personal vehicles, the dangers of distracted driving and how to mitigate it, and avoiding dangerous driving habits like tailgating and speeding.
The Art of Reading Smoke	60	Dave Dodson and Phil Jose provide a tutorial on the the processes, science, and physical characteristics of fire smoke and how best to anticipate and base your tactics on observations of this tell-tale sign.
The Art of the Go/No-Go	60	Mike Gagliano talks safety as he teaches fire departments what to look for when deciding when and when not to make egress at a fire.
The Combat-Ready Engine Company	75	Tony Kelleher creates this interactive presentation to instruct every engine company on what awaits them when pulling up to that next structure fire.

The Courageous Fire Officer	60	This webinar discusses the Courageous Fire Officer.
The Exponential Engine	90	Brian Brush focuses on the responsibilities, requirements, tactics, training, and preparation expected of this all-important facet of fire department response.
The Extinguishment Culture	105	This fire drill video demonstrates how to select the appropriate fire extinguisher.
The First Five Minutes	60	Chuck Ryan and Keith Padgett give this comprehensive overview of what should be required of all first-arriving companies just pulling up to any fireground.

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Tips for Inspecting Fire Protection Systems	60	1 in 3 structure fires will be to nonresidential buildings, while the other 2 will affect homes and apartment buildings. Are people more careless at home than at work, or are fire protection systems and inspections particularly helpful in mitigating potential loss? A thorough inspection can help avoid a dispatch to a local business or community space. NFPA 10, NFPA 25, and NFPA 72 revolve around appropriate maintenance and inspection for portable fire extinguishers, water-based fire protection systems, and fire alarms and signaling codes. Inspection tips for these systems will enable you to empower your community and promote fire safety.
Toothpick Towers	60	Corbett uses his far-reaching expertise on building codes, fire behavior, and other aspects of construction to examine the dangers fire departments face when responding to modern structures made of lightweight building materials.
Top 10 Tactical Considerations from Firefighter Research	75	UL's Steve Kerber analyzes the statistics of a number of fire research studies and how each shows firefighters the latest and safest ways to approach the next major fire call.
Tower Ladder Tactics and Tips	75	Ciampo offers these basic considerations all incident commanders must make when placing aerials and tower ladders at the scene of a building fire.

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Toxic Chemical Handling and Exposure	150	As first responders, you may be called to respond to an environment with a toxic chemical; you may or may not be aware of its presence initially. This course will discuss many toxic chemicals, such as hexavalent chromium, crystalline silica, flammable liquids, combustible liquids, benzene, arsenic, formaldehyde, asbestos, and lead. In each segment, you will learn about the risks of exposure, how to avoid exposure, relevant handling procedures, necessary PPE, and what to do if you are exposed.
Training Future Company Officers	60	This course from Amy Hanifan takes a different approach in teaching those already in officer roles how to prepare future company officers. The focus is on professional qualifications, training priorities, and mentoring.
Trench Rescue: Excavation, Trenching, and Soil Mechanics	60	Responding to a trench rescue requires quick and accurate action. Understanding how to handle the situation best and not make it worse is imperative. After years without much information on the topics of trench collapse and shoring unstable dynamic soil conditions, an innovative method has been designed specifically for firefighters to rapidly and accurately estimate worst-case soil forces associated with these incidents. This course addresses OSHA CFR 29 Subpart P; OSHA CFR 29 Part 1926 Subpart P.
Truck Company Operations Without the Truck	60	Arthur Ashley talks about performing “truck work” at fire scene when no ladder truck is present while also being prepared to take on a multitude of other fireground responsibilities.

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Ventilation, Entry, Isolate, Search for Truck Companies	105	Dugan informs FDIC students on this most important life-saving tactic that all truck companies must be proficient in for the calls they arrive to.
Volunteer Department Operations	60	Discover how to establish a culture of leadership, evaluate similarities and differences, prioritize professionalism, and enhance recruitment and retention in volunteer fire departments. Acquire knowledge on why volunteers depart and how to prevent it, manage childcare requirements, foster community support, successfully troubleshoot issues, and develop valuable skills by leveraging mutual aid.
Workplace Communication Basics	60	What do most great employees have in common? Stellar communication skills. In this course, you'll learn why having excellent communication skills is so important in the workplace, and how you can improve yours.