

Courses Approved by Florida State Fire College (FCDICE)

Course Title	Length in Minutes	Description
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.
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, not specific to Fire and EMS operations.
Building Integrity in the Workplace	30	What does it mean to have integrity? What role does it play in career advancement and job satisfaction? These questions make up the heart of this course on workplace integrity. As we'll discuss, there are benefits and challenges of maintaining integrity when making difficult workplace decisions. Through real-world examples, you'll see the three forms of workplace integrity in action. You'll also uncover four steps to align your values and actions to become someone that others trust, admire, and respect.
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.
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 makeup of the structure, the type of materials used, and any life safety issues that can be addressed before an accident happens.
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.

Courses Approved by Florida State Fire College (FCDICE)

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.
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.

Courses Approved by Florida State Fire College (FCDICE)

<p>EVOC: The Standard for Automotive Fire Apparatus (1901)</p>	<p style="text-align: center;">60</p>	<p>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.</p>
<p>FF: Advanced Communications</p>	<p style="text-align: center;">60</p>	<p>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, Fire Fighter II: 5.2.1 and 5.2.2, "Fire Department Communications."</p>
<p>FF: Advanced Fire Attack - Class B Fires</p>	<p style="text-align: center;">60</p>	<p>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."</p>
<p>FF: Advanced Fire Attack - Commercial Occupancies</p>	<p style="text-align: center;">60</p>	<p>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."</p>
<p>FF: Advanced Fire Attack - Residential Occupancies</p>	<p style="text-align: center;">60</p>	<p>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: 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."</p>

Courses Approved by Florida State Fire College (FCDICE)

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 Qualifications, Fire Fighter I: 4.3.5, 4.3.8, 4.3.10, 4.3.11, 4.3.12, 4.3.19, "Fireground Operations," and 4.5.1, "Preparedness and Maintenance."
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, Standards for Fire Fighter Professional Qualifications, Emergency Medical Services 6.1, "General EMS requirements."
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."
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, and Maintenance."

Courses Approved by Florida State Fire College (FCDICE)

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."
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."

Courses Approved by Florida State Fire College (FCDICE)

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." "
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 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."

Courses Approved by Florida State Fire College (FCDICE)

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 compliant with components of NFPA 1500 Standard on Fire Department Occupational Safety and Health and NFPA 1981 Standard on Open-Circuit Self-Contained Breathing Apparatus for Emergency Services.
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: 5.1.1, "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."
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."

Courses Approved by Florida State Fire College (FCDICE)

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.

Courses Approved by Florida State Fire College (FCDICE)

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.
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 explanations of how to adapt the plans and techniques to fit the situation best.
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.
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.

Courses Approved by Florida State Fire College (FCDICE)

<p>Hazmat: Awareness Response to Hazardous Materials</p>	<p>120</p>	<p>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.</p>
<p>Hazmat: Chemicals, Their Properties, and Potential Hazards</p>	<p>120</p>	<p>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: 5.1.3.</p>
<p>Hazmat: Detection, Monitoring, and Sampling</p>	<p>60</p>	<p>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.</p>
<p>Hazmat: Fixed Facilities and Fire Protection</p>	<p>60</p>	<p>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.</p>
<p>Hazmat: Foundation to Hazardous Materials</p>	<p>60</p>	<p>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.</p>
<p>Hazmat: Gross, Emergency, Mass, and Technical Decontamination</p>	<p>60</p>	<p>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.</p>

Courses Approved by Florida State Fire College (FCDICE)

<p>Hazmat: Hazardous Material Operations</p>	<p>120</p>	<p>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.</p>
<p>Hazmat: Incidents involving Terrorism, Weapons of Mass Destruction, and Illicit Laboratories</p>	<p>60</p>	<p>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: 5.2.1 and 6.9.1.</p>
<p>Hazmat: Personal Protective Equipment</p>	<p>60</p>	<p>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.</p>
<p>Hazmat: Victim Rescue and Recovery</p>	<p>60</p>	<p>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.</p>
<p>Lockout/Tagout</p>	<p>60</p>	<p>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 materials and machines.</p>
<p>Mitigating Workplace Violence</p>	<p>60</p>	<p>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.</p>

Courses Approved by Florida State Fire College (FCDICE)

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.
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.
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.
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.
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 should implement to provide <u>opportunities for a safer roadside incident work area.</u>
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.

Courses Approved by Florida State Fire College (FCDICE)

<p>S-190: Temperature, Moisture Relationships, and Topography</p>	<p>60</p>	<p>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 relevant situational information about topographic features.</p>
<p>Trench Rescue: Excavation, Trenching, and Soil Mechanics</p>	<p>60</p>	<p>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.</p>
<p>Workplace Communication Basics</p>	<p>60</p>	<p>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.</p>