



## Customized Fire Training Course Catalog



The training courses included in this catalog do not represent every course that is offered by the Alexandria Technical & Community College & Ridgewater College. It covers our most popular courses. If you are interested in a course that is not listed in this catalog, please contact us and we will provide you with more information.

# *Fire Training*

*Alexandria Technical & Community College | Ridgewater College*



[www.alextech.edu/firetraining](http://www.alextech.edu/firetraining)

[www.ridgewater.edu/fire](http://www.ridgewater.edu/fire)

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**Big Stone**  
**Grant**  
**Lac Qui Parle**  
**Stevens**  
**Swift**  
**Traverse**  
**Wilkin**

**Douglas**  
**Otter Tail**  
**Pope**  
**Todd**  
**Wadena**

**Chippewa**  
**Kandiyohi**  
**McLeod**  
**Meeker**  
**Renville**  
**Stearns**  
**Stevens**  
**Swift**

Are Members of Minnesota State Colleges & Universities System  
Alexandria Technical & Community College and Ridgewater Colleges are:

equal opportunity educator and employer | Employment

Revised 10/2012

## **General Information**

### **Drop-Outs**

Students may drop out of a class at any time however, students that do not meet the cancelation criteria for a class will be held responsible for some (or all) of the registration fee. Students belonging to any organization that is not in good standing with our business office will not be allowed to register for a class.

FF1001 students must complete courses & take FF1 & FF11 Cert test for department to be el

### **Certificates**

Certificates will be awarded for successful completion of all classes sponsored by the Alexandria Technical & Community College or Ridgewater College.

### **Attendance**

One hundred percent (100%) attendance is mandatory for all courses. Students are responsible for notifying the Fire Training Coordinator of an absence prior to the start of class. Instructors will maintain attendance records for all enrolled students. Students are required to attend all lessons before they are issued a certificate of completion.

Make ups will be given at the discretion of the Fire Training Coordinator. It is the responsibility of the student to complete all make up classes. Any student who has missed a lesson will have one (1) year from the date the lesson was missed to make up that lesson in order to receive a certificate of completion for that class.

Habitual tardiness without a valid excuse may result in dismissal from the class. Any student missing 20% or more of the lessons in any class will be dropped from that class and required to retake the entire course at a later date.

### **Physical Conditioning**

Firefighting is physically demanding by nature. The tasks required on the fire ground can be challenging and demanding to the human body. The College recommends all students participating in hands on training maintain a high level of physical fitness.

No student shall be admitted into a class with any physical or other condition that would prevent him or her from actively participating in class activities. No student shall be given credit for any lesson in which he or she did not actively participate. Students who do not actively participate in any portion of the class will not be issued a certificate of completion, and will not be eligible to return for other classes for which the uncompleted class is a prerequisite. All rules shall conform to the requirements of the American Disabilities Act.

## **Student Disclosure Policy**

### **Purpose**

The purpose of these procedures is to set forth the conditions governing the protection of privacy of students as it relates to the disclosure of training records maintained and supervised by the Alexandria Technical College.

### **Definitions**

“Student” includes any individual for whom the Alexandria Technical & Community College & Ridgewater College Customized Training Center maintains a training record.

“Student Training Record” means those training records related to a student and are maintained by the Alexandria Technical & Community College & Ridgewater College Customized Training Center. The term does not include lesson plans, outlines, tests, test keys, or other material used for training the student.

### **Disclosure of Student Training Record Information**

The Alexandria Technical & Community College & Ridgewater College Customized Training Center shall only disclose student training record information to individuals or organizations designated by the student, provided the request is made in writing.

The Alexandria Technical & Community College & Ridgewater College Customized Training Center may disclose student training record information without the written consent of the student if the disclosure is:

- To the Fire Department, provided that the request is made in writing by the Fire Chief and the student is a member of that Fire Department.
- To industrial organizations, provided that the request is made in writing by an authorized official and the student is an employee of that organization.
- To agencies or institutions, provided that the request is made in writing by an authorized official and the student is an employee of that agency or institution.
- To state and local official or authorities to whom the information is specifically required to be reported or disclosed pursuant to state statute, provided the request is in writing.

Any student objecting to the release of training record information to an organization without the student’s consent shall be required to so state, in writing, to the Fire Training Executive Board.

### **Right to Inspect and Review Training Records**

The Alexandria Technical & Community College & Ridgewater College Customized Training Center shall permit the student who is, or has been in, attendance at an Alexandria Technical College sponsored training, to inspect or review his or her training record.

The Alexandria Technical & Community College & Ridgewater College Customized Training Center shall permit other organizations to inspect and review student training records provided permission has been given by the student, or the organization meets the conditions listed above.

### **Fees**

The Alexandria Technical & Community College & Ridgewater College Customized Training Center may charge a fee for copies of the student training records provided the fee does not prevent the student from exercising the right to inspect and review those records.

# Rules & Regulations

## General

The use or possession of alcoholic beverages or controlled dangerous substances is strictly prohibited.

All students shall police and clean the training grounds as necessary or as directed by the Alexandria Technical & Community College & Ridgewater College staff.

All student pagers and cellular phones shall be placed in the "OFF" or "VIBRATE" position prior to the start of class.

Fire calls will not be considered an excuse for being late or missing a class. Unless specifically requested by his or her department, no student shall leave for an incident in his or her response district.

Verbal examinations can be given for all classes that require a written examination. Students must request a verbal examination prior to the scheduled date of the exam by contacting the Fire Training Coordinator.

## Conduct

Students shall be courteous, disciplined and consistent with the high ideals of the fire service. Proper decorum shall be observed at all times toward fellow students, Alexandria Technical & Community College & Ridgewater College staff, and Instructors.

Students are responsible for maintaining any books, equipment and the buildings made available for their use.

The following are prohibited: Abusive, profane, or obscene language or behavior; horseplay or any disturbance during the class; any form of gambling; sexual harassment; use, possession or introduction of any intoxicant; and reporting to class under the influence of any intoxicant.

Students shall follow the chain of command at all times.

Students shall not engage in any non-sanctioned activity that endangers the safety of themselves, fellow students or instructional staff while involved in any class.

Violations should be brought to the attention of the instructor in charge, who shall address concerns and report them to the fire program manager at Alexandria Technical & Community College or Ridgewater Community College.

## Safety

**All protective clothing worn must meet NFPA & OSHA (Final Rule 29 CFR 1910.156) requirements.**

**Students who have facial hair that interferes with an SCBA face piece seal shall not be permitted to participate in any class that requires the use of SCBA (OSHA Final Rule 29 CFR 1920.134; Standard Fire Department Occupational Safety and Health section 5-3.10; and NFPA 1500).**

**It shall be the student's responsibility to provide his or her own PPE for any class requiring its use.**

**SCBA shall be worn by all students under the following conditions;**

- Oxygen deficient or contaminated atmospheres
- Elevated temperature environments
- Below-grade training evolutions

**All students shall wear protective clothing during training evolutions to the discretion of the class Instructor or in conformance with recognized safety standards.**

**Students shall report all injuries to the Fire Training Coordinator or the Instructor immediately. Students are advised to alert an Instructor at any time if they experience shortness of breath, chest pain or excessive fatigue.**

**The Incident Command System shall be implemented during all hands on exercises.**

**All live structural attack evolutions shall be in compliance with NFPA 1403.**

**A training evolution may be postponed or denied if unsafe conditions are present.**

## Aircraft Accident Response

Course ID # 8217

**Class Length:** 3 Hours

**Standard:** NFPA 1003

**Description:**

The intent of this class is to become familiar with local Airport procedures

**Content:**

Students will learn how to respond to the airport, what the airport's emergency procedures are, what type of classification the airport is, and who is responsible for procedures and operations at the airport. They will also learn methods for dealing with emergencies that may take place at the airport.

**Requirements:**

- Pen or pencil, notepad

## Anhydrous Ammonia Awareness

Course ID # 8228

**Class Length:** 3 Hours

**Standard:** NFPA 472

**Description:**

This course is for individuals who may work with, or respond to, anhydrous ammonia releases.

**Content:**

1. Understand what anhydrous ammonia is and where it comes from and where it may be found
2. Knows the physical characteristics of anhydrous ammonia
3. Understand the consequences of various exposures to anhydrous ammonia
4. Know the steps to be taken if someone is overexposed to anhydrous ammonia
5. Understand how to use the Department of Transportation Emergency Response Guidebook

**Requirements:**

- Pen or pencil, notepad, PPE, SCBA

## Arson Awareness

Course ID # 8406

**Class Length:** 3 Hours

**Standard:** NFPA 921

**Description:**

This class is designed for firefighters, fire investigators, and law enforcement officers assigned to fire investigation. This course provides the participants with an introduction and basic overview of fire scene investigation. The focus of the course is to provide information on fire scene indicators and to determine the fire's origin, report writing, legal responsibilities, evidence preservation and collection, motives, and fire fatalities.

**Content:**

Students will learn what to be aware of during a fire incident that could be vital information for arson detection.

**Requirements:**

- Pen or pencil, notepad

## **Auto Extrication I**

**Course ID # 8211**

**Class Length:** 3 Hours

**Standard:** NFPA 1670

**Description:**

This class will cover the proper use of Power tools and hand tools at an Auto Accident Scene.

**Content:**

How to quickly and safely extract injured person's from an auto accident, using tools effectively

**Requirements:**

- Pen or pencil, notepad, SCBA, PPE

## **Auto Extrication II**

**Course ID # 8396**

**Class Length:** 6 Hours

**Standard:** NFPA 1670

**Description:**

Students will learn about new extrication tools, hydraulic equipment, and techniques.

**Content:**

Students will study the latest technology in auto extrication. Techniques from instructors with international exposure will be covered. Safety and correct tool handling are also covered. **Extensive hands on skills practice is included.**

**Requirements:**

- Pen or pencil, notepad, Eye Protection, PPE

## **Basic Auto Extrication**

**Course ID # 8300**

**Class Length:** 6 Hours

**Standard:** NFPA 1670

**Description:**

Students will learn about the newest extrication tools, hydraulic equipment, and operational techniques from instructors with international exposure.

**Content:**

Safety and tool correct tool handling will be covered. Extensive hands on skills practical and utilizing realistic scenarios.

**Requirements:**

- Pen or pencil, notepad, SCBA, PPE

## Calling a Mayday

Course ID # 8261

**Class Length:** 3 Hours

**Standard:** NFPA 1407

**Description:**

The firefighter will demonstrate the ability to call a "Mayday" under various emergency situations they may find themselves in, including being trapped or lost in a room, having something collapse on them, or being hung or snagged on wires and falling through a floor or roof. These conditions will be simulated using various props with the firefighter in full PPE, SCBA, and portable radio in a blacked out face mask.

**Content:**

This course is designed to train firefighters on the proper methods to use to call for help when they find themselves in a dangerous position.

**Requirements:**

- Pen or pencil, notepad, SCBA, PPE

## Clandestine Drug Lab Awareness

Course ID # 8369

**Class Length:** 3 Hours

**Standard:** NFPA 472

**Description:**

This class is designed to provide the student with a general knowledge and recognition of drug labs, defensive considerations including incendiary devices, chemicals and explosives, as well as command and control issues associated with criminal incidents.

**Content:**

Students will gain knowledge and recognition of drug labs. Students will learn about glassware and paraphernalia used by the "cookers."

**Requirements:**

- Pen or pencil, notepad

## Class A Burn Trailer

Course ID # 8266

**Class Length:** 3 Hours

**Standard:** NFPA 1403

**Description:**

The class A burn trailer is a self-contained, live burn simulation prop. The trailer is equipped with multiple safety features including temperature monitoring, multiple ventilation hatches and an automatic sprinkler system. This trailer requires the use of Class A materials (pallets and straw).

**Content:**

The class A burn trailer allows firefighters to train in one or more of the following areas: flashover/rollover recognition and prevention, interior fire attack, direct and indirect attack, fire behavior, horizontal ventilation.

**Requirements:**

- SCBA, PPE
- The host department is responsible for providing straw and pallets
- The host department is responsible for debris cleanup



## Confined Space Trailer

Course ID # 8267

**Class Length:** 3 Hours

**Standard:** NFPA 1001

**Description:**

The confined space trailer provides employees the challenge of practicing entries or rescues in a realistic, but controlled environment.

**Content:**

Simulator capabilities include: various sized openings, vertical and horizontal chambers, changeable atmosphere for realistic air test training, practice ventilation with a visible atmosphere, various electrical devices and valve assemblies for hands-on lockout/tagout training.

**Requirements:**

- SCBA, PPE
- Ropes

## Confined Space Awareness

Course ID # 8212

**Class Length:** 2 Hours

**Standard:** NFPA 1670

**Description:**

This course is designed to inform the student about confined spaces are, their hazards, and how these hazards are managed with training and safe operating procedures.

**Content:**

The student will be able to recognize a confined space, and enter the space in a safe manner.

**Requirements:**

- Pen or pencil, notepad

## Electricity & the Firefighter

Course ID # 8536

**Class Length:** 3 Hours

**Standard:** NFPA 1001

**Description:**

This course will cover the basics of electricity and how the electricity affects the human body. Discussion on the requirements involving electrical hazards, and downed wires and rescue procedures at motor vehicle incidents. Voltage discussion will include 102/240, 277/480, and 7200.

**Content:**

Students will discuss extinguishing methods, requirements involving electrical hazards, and downed wires and rescue procedures at motor vehicle incidents.

**Requirements:**

- Pen or pencil, notepad, PPE

## **Emergency Medical Technician (EMT) - Initial**

**Course ID # 8520**

**Class Length:** 112 Hours

**Standard:** NFPA 1004 Chap.4

**Description:**

This course is a vital link in the healthcare chain of survival. It includes the skills and classroom information necessary to provide emergency care at the basic life support level.

**Content:**

The focus will be on teaching calm, professional conduct while correctly treating people in medical and/or traumatic situations.

**Requirements:**

- Pen or pencil, notepad

## **Emergency Medical Technician (EMT) - Blended Learning**

**Course ID # 8519**

**Class Length:** 112 Hours

**Standard:** NFPA 1004 Chap.4

**Description:**

This course takes advantage of the strengths of the traditional classroom and the cutting edge, interactive technology of e-learning by blending on campus and online instruction.

**Content:**

Learn advanced level skills and knowledge relating to medical emergencies, shock, anatomy, and physiology.

**Requirements:**

- Pen or pencil, notepad

## **Emergency Vehicle Operators Course (EVOC)**

**Course ID # 8260**

**Class Length:** 6 Hours

**Standard:** NFPA 1002

**Description:**

This is an Emergency Vehicle Operators Course. Students will learn through classroom and behind-the-wheel instruction. A heavy focus will be placed on learning to operate safely using the vehicles that you drive regularly.

**Content:**

Demonstrate safe operation of an emergency response vehicle.

**Requirements:**

- Pen or pencil, notepad, SCBA, PPE
- Department Vehicles

## Ethanol Emergencies

Course ID # 8268

**Class Length:** 3 Hours

**Standard:** NFPA 472

**Description:**

With today's ever changing technology in vehicle fuel, this course will give students a better understanding of alternative fuel being used in today's vehicles. Students will learn the basic chemical properties of the ethanol and how it is processed, the dangers associated with fueling stations and fire emergencies involving ethanol. Students will participate in exercises that explain the different extinguishing agents required for ethanol emergencies.

**Content:**

The purpose of the class is to create awareness of the dangers that ethanol emergencies create for firefighters.

**Requirements:**

- Pen or pencil, notepad

## Ethanol, Other Alternatives and Firefighting Foams

Course ID # 8394

**Class Length:** 3 Hours

**Standard:** NFPA 472

**Description:**

This class will highlight main functions of a plant and the precautions your fire department should take when responding to a plant emergency.

**Content:**

Find out what firefighting foams will work and what will not work to deal with these different types of fuels. Students will learn how to respond to the different types of fires created by the different fuels.

**Requirements:**

- Pen or pencil, notepad

## Farm Vehicle Extrication

Course ID # 8327

**Class Length:** 3 Hours

**Standard:** NFPA 1670

**Description:**

This course is designed to give the students the techniques needed to safely size up and mitigate an emergency involving agricultural type vehicles.

**Content:**

Students will learn the proper procedures for vehicle stabilization, patient disentanglement and removal.

**Requirements:**

- Pen or pencil, notepad, SCBA, PPE
- ATCC is able to provide a tractor if needed. Call for details and pricing

## Fire Apparatus Operator

Course ID # 8269

**Class Length:** 12 Hours

**Standard:** NFPA 1002

**Description:**

This course is designed to educate driver/operators who are responsible for operating fire services apparatus equipped with fire pumps. The information in this course provides the driver/operator with information that will help them perform the jobs with greater efficiency and improved safety.

**Content:**

This course includes, but is not limited to, the following subjects: types of apparatus, water supply, mathematics, apparatus overview, apparatus maintenance, pump operation, approaching the scene, responding to an alarm, using foam, and pump performance testing. A focus will be placed on driver/operator safety and responsibility.

**Requirements:**

- Pen or pencil, notepad

## Fire Command/Officer Training

Course ID # 8537

**Class Length:** 3 Hours

**Standard:** NFPA 1002

**Description:**

This course will help with developing your team with guidance, team success & progressive discipline. Fire officers will properly initiate incident command & establish unified command post, assign command staff responsibilities and your firefighters will participate in roles of command staff positions, safety officer & primary entry.

**Content:**

Students will learn the methods to help participants to internalize responsibility for success and to understand accountability for future success.

**Requirements:**

- Pen or pencil, notepad

## Fire Pump Operation

Course ID # 8265

**Class Length:** 6 Hours

**Standard:** NFPA 1002

**Description:**

This class is designed for basic or advanced pump operations based upon current Fire Department pumpers. Emphasis will be put on water supply, water conservation, and pump control panels. Proper pump pressures for nozzles and appliances that are currently being utilized will be determined using Hydraulics and hose lay protocol. Practical portion of the class will shed light on what you are really getting for water flow while on scene.

**Content:**

This class will serve as part of one of a series on pump operations and serves as the foundation to more advanced and specific training.

**Requirements:**

- Pen or pencil, notepad

## Fire Pump Operations Refresher

Course ID # 8402

**Class Length:** 3 Hours

**Standard:** NFPA 1002

**Description:**

This course covers engine tactics from response to fire extinguishment. Students will learn to determine proper attack line selection, determine hose length estimate, Determine nozzle selection, and will study nozzle team tactics. This course is recommended for all fire fighters, young and old.

**Content:**

Students will be operating fire pumps and flowing water

**Requirements:**

- Pen or pencil, notepad, PPE

## Fire Scene Tactics & Command

Course ID # 8537

**Class Length:** 3 Hours

**Standard:** NFPA 1021 & 1001

**Description:**

This course will help with developing your team with guidance, team success & progressive discipline. Fire officers will properly initiate incident command & establish unified command post, assign command staff responsibilities and your firefighters will participate in roles of command staff positions, safety officer & primary entry.

**Content:**

Students will participate in command staff positions, safety officer, primary entry, & Backup Entry (RIT)

**Requirements:**

- Pen or pencil, notepad

## Fire Service & Pollution Control Agency

Course ID # 8539

**Class Length:** 3 Hours

**Standard:** NFPA 472

**Description:**

As fire departments, we deal with hazardous materials incidents on a routine basis. Instructors will review the roles and expectations of all responders to a hazardous materials incident. Tabletop exercises will provide opportunities to discuss how your department would respond to a given incident.

**Content:**

Case studies will be presented with depict response techniques and strategies first responders can and should use in response to these incidents.

**Requirements:**

- Pen or pencil, notepad

## Firefighter I

Course ID # 8201

**Class Length:** 144 Hours

**Standard:** NFPA 1001

**Description:**

This class is designed to provide the student with the minimum education required to function as a firefighter under direct supervision on the fire ground.

**Content:**

This course includes, but is not limited to, the following subjects: Bloodborne Pathogens, Confined Space Entry, Hazardous Materials (Operations Level), Firefighter Tools and Equipment, Building Construction, Self-Contained Breathing Apparatus (SCBA), Personal Protective Equipment (PPE) Firefighter Survival, Ropes and Knots, Firefighter Safety, Fire Behavior, Ladders, Forcible Entry, Portable Fire Extinguishers, Hoses and Nozzles, Fire Streams, Ventilation, Fire Service Communications, Incident Management System, Search and Rescue, Salvage and Overhaul, Vehicle Rescue and Extrication, and Fire Suppression. This course is based on the National Fire Protection Association (NFPA) 1001/1002 Standards.

**Requirements:**

- Pen or pencil, notepad, SCBA, PPE

## Firefighter II

Course ID # 8254

**Class Length:** 24 Hours

**Standard:** NFPA 1001

**Description:**

The Firefighter II will protect life and property by performing firefighting, emergency aid, hazardous materials, and fire prevention duties. The firefighter will maintain fire equipment, apparatus, and facilities.

**Content:**

This course will include instruction and outcomes in Incident Management, Tools and Equipment, Testing and Maintenance, Fire Streams, Incident Reports, Auto Extrication, Specialized Rescues, Fire Detection, Fire Protection and Suppression, and Fire Cause Determination

**Requirements:**

- Pen or pencil, notepad, SCBA, PPE

## Firefighter II Certification Test Review

Course ID # 8444

**Class Length:** 4 Hours

**Standard:** NFPA 1041

**Description:**

This course will provide students with the knowledge needed to be successful when taking MSFCB Fire Instructor I Certification test.

**Content:**

The MFSCB Hazardous Materials Certification Exam consists of a written exam and a series of practical stations. This class will provide students with a chance to review the Fire Instructor subjects, and prepare them for the practical stations that they will be tested on during the exam. The purpose of this class is to prepare students for the certification test through knowledge and understanding of the material they will be tested on.

**Requirements:**

- Pen or pencil, notepad, SCBA, PPE

## First Aid/CPR

Course ID # PNSG8319

**Class Length:** 8 Hours

**Standard:** NFPA 1004 Chap.4

**Description:**

This course will help you learn how to provide first aid in emergencies. Medical emergencies don't occur every day, but when they do, prior training can help you deal with these situations.

**Content:**

The student will learn the first aid basics, medical emergencies, injury emergencies and environmental emergencies.

**Requirements:**

- Pen or pencil, notepad

## First Responder - EMS

Course ID # 8541

**Class Length:** 48 Hours

**Standard:** NFPA 1004 Chap.4

**Description:**

The learner will receive basic instruction in first responder. This course enables students to develop the basic skills in the emergency care areas as a peace officer and first responder.

**Content:**

1. Students will be able to identify the roles and responsibilities of the first responder
2. Describe body isolation precautions
3. Assess the injured or victim at an incident

**Requirements:**

- Pen or pencil, notepad

## First Officer On-Scene

Course ID # 8540

**Class Length:** 6 Hours

**Standard:** NFPA 1021

**Description:**

The course will cover communications on the fire ground ; ICS; overview of the situation, risk analysis: what's around me and how safe is it; how close to the edge are we without falling off and getting someone hurt; strategy of the attack; tactical objectives: size-up; ventilation; overhaul; additional problems.

**Content:**

Students will have multiple tactical objectives such as size-up, ventilation; overhaul; additional problems on the fire ground; demobilization.

**Requirements:**

- Pen or pencil, notepad

## Foam: Class A & Class B

Course ID # 8235

**Class Length:** 3 Hours

**Standard:** NFPA 1002, 472

**Description:**

This course will concentrate on use of foams in fighting structural and wildland fires, agricultural products, (hay, silage, etc.), and its use for protecting exposure.

**Content:**

This class will familiarize you with the Class "A" and Class "B" equipment and techniques needed when dealing with flammable liquids.

**Requirements:**

- Pen or pencil, notepad, SCBA, PPE

## Forcible Entry Trailer

Course ID # 8272

**Class Length:** 3 Hours

**Standard:** NFPA 1001

**Description:**

The forcible entry trailer is self-contained and provides students with the ability to force open and breach through a variety of residential and commercial doors and windows without damaging the equipment. The ability to reuse the facility will maximize the instructor ability to provide students with repeatable scenarios found in actual on scene conditions with minimal time between evolutions.

**Requirements:**

- SCBA, PPE



## Gas Leaks: What's a FD to do?

Course ID # 8456

**Class Length:** 3 Hours

**Standard:** NFPA 472

**Description:**

This class will focus on what response actions a fire department should take when dispatched to a gas leak incident. Issues such as scene approach, hose deployment, and response precautions will be covered. Who to contact & how long a fire department must remain on the scene will also be discussed.

**Content:**

Create awareness of the dangers of gas leaks.

**Requirements:**

- Pen or pencil, notepad

## Haz Mat: Operations Level

Course ID # 8274

**Class Length:** 24 Hours

**Standard:** NFPA 472

**Description:**

A fire fighter's ability to recognize an incident involving hazardous materials is critical. They must possess the knowledge required to identify the presence of hazardous materials, and have an understanding of what their role is within the response plan. Haz Mat: operations level will provide fire fighters and first responders with these skills and enable them to keep themselves and others safe while mitigating these potentially deadly incidents.

**Content:**

This course will cover the following items in depth: properties and effects of hazardous materials, how to calculate potential danger and initiate a response plan, selection/use/advantages/disadvantages of personal protective equipment, mass/technical decontamination, product control, victim rescue and recovery and air monitoring.

**Requirements:**

- Pen or pencil, notepad

## Hazardous Materials: Decontamination

Course ID # 8209

**Class Length:** 3 Hours

**Standard:** NFPA 1021

**Description:**

This class is designed to familiarize fire personnel with the procedures that they will need to understand to conduct decontamination operations at a Hazmat scene along with assisting the HazMat team.

**Content:**

The participant will be able to work with the decontaminations of a HazMat incident. Hands on exercises are an important portion of this class.

**Requirements:**

- Pen or pencil, notepad, SCBA, PPE

## **Hazardous Materials: Operations Technician Refresher**

**Course ID # 8258**

**Class Length:** 3 Hours

**Standard:** NFPA 472

**Description:**

This is a refresher course for Hazardous Materials Technician Level. The training will be of sufficient content and duration to maintain competencies in these areas.

**Content:**

This course is for individuals who respond to releases or potential releases for the purpose of stopping the release. They assume a more aggressive role than a first responder at the operations level in that they will approach the point of release in order to plug, patch or otherwise stop the release of a hazardous substance. This course will be on-site dealing with site-specific hazards.

**Requirements:**

- Pen or pencil, notepad, SCBA

## **HazMat Awareness/Bloodborne Pathogens/Right To Know Ref.**

**Course ID # 8532**

**Class Length:** 3 Hours

**Standard:** NFPA 1910.1030, OSHA 1910-1200  
OSHA 1910.1030

**Description:**

The first responders at the awareness level are individuals who are likely to witness or discover a hazardous substance release and who have been trained to initiate an emergency response sequence. The class will go over specific blood borne pathogen policies and employee right to know policies and cover all the Federal and State regulations.

**Content:**

This course will give you a better understanding of the Hazardous Substances, Blood Borne Pathogen policies & the Employee Right To Know policies.

**Requirements:**

- Pen or pencil, notepad

## **Highway Incident Management Awareness**

**Course ID # 8367**

**Class Length:** 3 Hours

**Standard:** NFPA 1001 & 1002

**Description:**

Discussion will include: vehicle placement, traffic assistance, mutual aid, helicopter landing zones, creation of a safe work zone for responders and citizens alike, properties of traffic incident management, simple decisions for huge impacts.

**Content:**

Student will learn how to respond to highway incidents in a manner that preserves the safety of responders.

**Requirements:**

- Pen or pencil, notepad

## Hypothermia and Cold Weather Emergencies

Course ID # 8275

**Class Length:** 8 Hours

**Standard:** NFPA 1670

**Description:**

Participants will learn the apply basic ice and open water rescue tactics, go and no-go tactics, usage of cold water rescue suits, ropes & knots, and hypothermia first aid.

**Content:**

Learn the different stages of hypothermia and the medical treatments for each.

**Requirements:**

- Department rescue suite, Pen or pencil, notepad

## House Burn-1403

Course ID # 8216

**Class Length:** 3 Hours

**Standard:** NFPA 1001, 1403, 1033

**Description:**

This training of structural firefighters under live fire conditions & focuses on training for aggressive, coordinated interior fire suppression operations with a minimum exposure to risk for the participants.

**Content:**

Burn instructors will take students through multiple live burn evolutions inside of the structure, following NFPA 1403.

**Requirements:**

- Department Engine & Tenders, SCBA, PPE

## Incident Command 700 & 100

Course ID # 8352

**Class Length:** 4 Hours

**Standard:** NFPA 1021

**Description:**

This course introduces and overviews the National Incident Management System (NIMS). NIMS provides a consistent nationwide template to enable all government, private-sector, and nongovernmental organizations to work together during domestic incidents.

**Content:**

Given instruction in the course objectives, the learner will be able to describe why it is used on all calls and why.

**Requirements:**

- Pen or pencil, notepad

## Incident Response & Size-Up

Course ID # 8448

**Class Length:** 3 Hours

**Standard:** NFPA 1021

**Description:**

This course will discuss emergency incident response and size-up, from a firefighter's point of view.

**Content:**

1. Students will learn what needs to be considered when responding to an emergency incident.
2. Students will learn how to properly size-up an emergency scene.

**Requirements:**

- Pen or pencil, notepad

## Ladders Refresher

Course ID # 8403

**Class Length:** 3 Hours

**Standard:** NFPA 1001

**Description:**

Students will focus on the different carries and the raising of the ladders. How to properly climb and use ladders in fire situations will also be covered.

**Content:**

After completing this session, students will be able to identify, carry, raise, climb, inspect and maintain fire service ladders.

**Requirements:**

- Pen or pencil, notepad, SCBA, PPE

## Lockout/Tagout

Course ID # 8204

**Class Length:** 3 Hours

**Standard:** NFPA 1021

**Description:**

The class will go over site-specific lockout / tagout policies as well as Federal and State regulations.

**Content:**

This course will be for authorized, affected, and other employees. The course will be done on-site with site-specific information.

**Requirements:**

- Pen or pencil, notepad

## LP Gas Awareness – Properties & Effects

Course ID # 8276

**Class Length:** 2 Hours

**Standard:** NFPA 472

**Description:**

This course will provide the firefighters with the hazardous characteristics of Liquefied Petroleum Gas.

**Content:**

Students will receive classroom training that will prepare them to receive hands-on training at a later date.

**Requirements:**

- Pen or pencil, notepad

## LP Gas Burn

Course ID # 8349

**Class Length:** 3 Hours

**Standard:** NFPA 1001, 1401

**Description:**

The LP gas training units are completely self-contained and can be set-up on your site in about 30 minutes. Available props include: 500 gallon tank, and a natural gas meter.

**Content:**

This course will assist in ensuring the learner is qualified to act in the case of a LP burn.

**Requirements:**

- SCBA, PPE

## Managing the Carbon Monoxide Call

Course ID # 8459

**Class Length:** 2 Hours

**Standard:** NFPA 472

**Description:**

Every year thousands of Americans are killed due to carbon monoxide poisoning. As a firefighter, do you know what to do? This class will discuss possible actions and any misconception of carbon monoxide poisoning, proper procedures and limitations of your response.

**Content:**

This class is designed to create awareness of the dangers of carbon monoxide poisoning, and an understanding of how to respond to an incident involving carbon monoxide.

**Requirements:**

- Pen or pencil, notepad

## Modern Building Construction

Course ID # 8419

**Class Length:** 3 Hours

**Standard:** NFPA 1031

**Description:**

Students will study structural characteristics and learn to recognize the signs of potential building collapse.

**Content:**

1. Students will be able to match NFPA building construction types
2. Students will be able to match NFPA 200 Roman numeral classifications
3. Students will be able to distinguish between various wall types

**Requirements:**

- Pen or pencil, notepad

## Multi Gas Monitors: How To Use Them EFFECTIVELY!

Course ID # 8461

**Class Length:** 2 Hours

**Standard:** NFPA 472

**Description:**

This course is designed to give the student the knowledge to perform monitoring activities at a structural fire, a strange odor call, or a minor Hazardous Materials Incident. We will discuss the limitations/strengths of the instrument, how to interpret the readings, how to calibrate/maintain the instrument, and learn to use the instrument to increase safety for the responder. Please bring your direct read instrument to class to learn how to use it to its potential.

**Content:**

Students will learn how to use multi gas monitors effectively

**Requirements:**

- Pen or pencil, notepad

## NFA Decision Making for Initial Company Officers

Course ID # 8490

**Class Length:** 12 Hours

**Standard:** NFPA 1021

**Description:**

Decision Making for Initial Company Operations is designed to develop the decision making skills needed by Company Officers (COs) to accomplish assigned tactics at structure fires. All activities and scenarios used in this course are based on structure fires. As a Company Officer (CO) with the real possibility of being the first to arrive to an incident, the CO's initial decisions will have an impact throughout the entire incident. It is vital that they be able to make good management decisions that have a favorable impact on the eventual outcome. In addition to a possible role as the initial Incident Commander (IC), the CO may well be assigned a subordinate position within the ICS organization. COs need to have a clear understanding of the system, the position they are assigned, and their role in the organization if they are to function effectively and help make the system work.

**Content:**

1. To understand the Incident Command System
2. To operate safely and effectively

**Requirements:**

- Pen or pencil, notepad

## **NFA Incident Safety Officer**

**Course ID # 8486**

**Class Length:** 12 Hours

**Standard:** NFPA 1021

**Description:**

This 2-day course examines the Safety Officer's role at emergency responses. A specific focus on operations within an Incident Command System (ICS) as a Safety Officer is a main theme. Response to all-hazards types of situations will be emphasized.

**Content:**

1. To educate students on how to function as a Safety Officer as utilized within the incident command structure
2. To provide students with the knowledge and materials to help educate others on how to function as a Safety Officer as utilized within the incident command structure.

**Requirements:**

- Pen or Pencil, notepad

## **NFA Juvenile Firesetter Intervention Specialist 2**

**Course ID # 8391**

**Class Length:** 16 Hours

**Standard:** NFPA 1035

**Description:**

Students will be introduced to the NFPA 1035 Juvenile Firesetter Intervention Specialist I Professional Standard. The individual will learn to develop and coordinate a child fire setting intervention program and the activities of JFIS.

**Content:**

The course develops skills including interviewing and assessment, program development, implementation, and evaluation.

**Requirements:**

- Pen or Pencil, notepad

## **NFA Leadership I: Strategies for Company Success**

**Course ID # 8398**

**Class Length:** 12 Hours

**Standard:** NFPA 1021

**Description:**

This course provides the company officer with the basic leadership skills and tools needed to perform effectively in the fire service environment. This course includes techniques and approaches to problem solving.

**Content:**

Students will learn about problem solving, ways to identify and assess the needs of the company officer's subordinates, and methods for running meetings.

**Requirements:**

- Pen or pencil, notepad

## **NFA Leadership II: Strategies for Personal Success**

**Course ID # 8277**

**Class Length:** 12 Hours

**Standard:** NFPA 1021

**Description:**

This course provides the company officer with the basic leadership skills and tools needed to perform effectively in the fire service environment. The course addresses ethics, use and abuse of power at the company officer level, creativity in the fire service environment, and management of the multiple roles of the company officer.

**Content:**

The course addresses ethics, use and abuse of power at the company officer level.

**Requirements:**

- Pen or pencil, notepad

## **NFA Leadership III: Strategies for Supervisory Success**

**Course ID # 8399**

**Class Length:** 12 Hours

**Standard:** NFPA 1021

**Description:**

This course provides the company officer with the basic leadership skills and tools needed to perform effectively in the fire service environment. The course covers when and how to delegate to subordinates, assess personal leadership styles through situational leadership, discipline subordinates, and apply coaching/motivating techniques.

**Content:**

1. Study basic leadership skills
2. Delegate to subordinates
3. Assess personal leadership styles through situational leadership

**Requirements:**

- Pen or pencil, notepad

## **NFA Strategies and Tactics for Initial Company Officers**

**Course ID # 8400**

**Class Length:** 12 Hours

**Standard:** NFPA 1021

**Description:**

STICO is designed to meet the needs of Company Officers responsible for managing the operations of one or more companies during structural firefighting operations.

**Content:**

STICO is designed to develop the management skills needed by company officers to accomplish assigned tactics at structure fires.

**Requirements:**

- Pen or pencil, notepad



## NFA Training Operations in Small Departments

Course ID # 8423

**Class Length:** 12 Hours

**Standard:** NFPA 1021

**Description:**

This course is designed to provide students with some basic tools and skills to develop and coordinate training in small fire/EMS organizations.

**Content:**

1. Students will study leadership issues from the fire service
2. Students will study OSHA and NFPA impacts and their standards
3. Students will study marketing of training

**Requirements:**

- Pen or pencil, notepad

## NIMS 200

Course ID # 8382

**Class Length:** 3 Hours

**Standard:** NFPA 1021

**Description:**

This course is designed to enable personnel to operate efficiently during an incident or event within the ICS.

**Content:**

NIM 200 provides training for personnel who are likely to assume a supervisory position within the ICS.

**Requirements:**

- Pen or pencil, notepad
- Pen or pencil, notepad, SCBA, PPE

## Nozzles & Streams

Course ID # 8449

**Class Length:** 6 Hours

**Standard:** NFPA 1001 NFPA 1962

**Description:**

This class is designed to give all department members a thorough understanding of their water delivery appliances. Focus will be put on Hydraulics, Reaction Force, Reaction Torque, Nozzle pressures and effective Engine pressures based upon fire loads and application rates. Practical portion of the class will help determine the right SOP for the fire ground utilizing department's current equipment and evaluating your true water delivery through the nozzles and appliances.

**Content:**

Students will understand how to make the proper nozzle selection and how to apply the appropriate streams.

**Requirements:**

- PPE

## On-Scene Fire Investigation

Course ID # 8376

**Class Length:** 12 Hours

**Standard:** NFPA 1033

**Description:**

This class will enable the student to identify the cause of fire, based upon the identification of the area(s) or origin, physical evidence, burn patterns and knowledge of basic fire behavior.

**Content:**

Students will learn the firefighter's role in arson investigation including suppression, overhaul, collecting and preserving evidence, etc.

**Requirements:**

- Pen or pencil, notepad, PPE

## Portable Fire Extinguishers

Course ID # 8441

**Class Length:** 1 Hour

**Standard:** NFPA 1001, OSHA 1910.157

**Description:**

This course will cover the OSHA Fire Extinguisher Standard. Students will be required to extinguish a live fire using our training equipment.

**Content:**

Upon completion, students will know the different classes of fires and the different types of fire extinguishers to use for each.

**Requirements:**

- Pen or pencil, notepad, SCBA, PPE

## Positive Pressure Attack

Course ID # 8493

**Class Length:** 3 Hours

**Standard:** NFPA 1001

**Description:**

Learn the advantages of Positive Pressure Attack and Positive Pressure Ventilation. Discussion will include using PPV and PPA successfully, when to use them, and when NOT to use them. This course is beneficial for both officers and interior crews. Full turnout gear and SCBA are required to participate in the practical. This will help firefighters improve control of the fire environment, increase firefighter visibility inside the burn, reduce heat and smoke, & make firefighter safety number one.

**Content:**

To learn how to use positive pressure ventilation safely and effectively

**Requirements:**

- Pen or pencil, notepad

## Positive Pressure Ventilation

Course ID # 8465

**Class Length:** 3 Hours

**Standard:** NFPA 1001

**Description:**

Does your department have a positive pressure ventilation fan that only gets used for training and seldom gets pulled out on a real call? When it does get used, is it being used effectively or is it just making noise? It is getting more and more dangerous to send people to the roof to ventilate, especially in today's world of modern building construction. Positive pressure ventilation is a powerful tool in the fire service. However, if it is not used properly, it can cause you a lot of trouble. Learn how to ventilate using positive pressure safely and effectively.

**Content:**

To learn how to use positive pressure ventilation safely and effectively

**Requirements:**

- Pen or pencil, notepad, PPE

## Protection & Detection System

Course ID # 8370

**Class Length:** 3 Hours

**Standard:** NFPA1001

**Description:**

Students will learn to identify and properly operate various public alerting systems, list the basic information about public alerting systems, select from a list of functions performed by private alarm signaling devices.

**Content:**

Students will learn about various public alerting systems. Fire alarm signaling systems will also be discussed.

**Requirements:**

- Pen or pencil, notepad, SCBA, PPE

## Pump Operations - Advanced

Course ID # 8384

**Class Length:** 6 Hours

**Standard:** NFPA 1002

**Description:**

Students will learn the value of large diameter hose (LDH) and will cover the proper use of equipment to supply large volumes of water. Students will review the operation of multiple hose lines, tandem pumping, relay pumping, basic hydraulics, water flow, and learn advanced skills. This class will involve classroom and hands on training.

**Content:**

Students will study areas of water supply, multiple line operations, master streams, relay pumping, etc.

**Requirements:**

- Pen or pencil, notepad, PPE

## Reading Smoke

Course ID # 8410

**Class Length:** 3 Hours

**Standard:** NFPA 1021

**Description:**

This class will help you discover the location of a fire, building collapse potential, and the likelihood of a hostile fire even like flashover.

**Content:**

Students will learn about the dangers of smoke, the smoke is actually a fuel, how fuel loads and the fuels themselves have changed, and that fuels have definite trigger points.

**Requirements:**

- Pen or pencil, notepad

## Rescue from Storage Bins & Silos

Course ID # 8377

**Class Length:** 6 Hours

**Standard:** NFPA 1670

**Description:**

This course will cover rescue operations from storage facilities and agricultural silos and will conclude with a confined space entry and rescue scenario.

**Content:**

Student will learn about confined space entry and rescue situations. Strategies for emergency operations will be demonstrated.

**Requirements:**

- Pen or pencil, notepad, SCBA, PPE

## Respiratory Fit Testing

Course ID # 8257

**Class Length:** 3 Hours

**Standard:** NFPA 1404, 1500, 1910.134

**Description:**

Students will learn about hazardous atmospheres and will be fit tested for those hazards. Along with fit testing, we are also able to provide the necessary medical questionnaire forms.

**Content:**

Students will learn about air purifying respirators, atmosphere supply respirators, airline respirators, SCBA, and proper respiratory selection. We offer fit testing for SCBA, N95, and 1870 masks. SCBA fit testing can be done for the following manufacturers:

- Draeger
- Scott
- MSA
- ISI
- 3M

**Requirements:**

- Pen or pencil, notepad, SCBA

## **RIT Team Development**

**Course ID # 8407**

**Class Length:** 3 Hours

**Standard:** NFPA 1407

**Description:**

This course is designed to explain the procedures in developing and implementing a RIT Team.

**Content:**

Students will study how to develop a RIT team, focusing on concepts for smaller departments.

**Requirements:**

- Pen or pencil, notepad

## **Rope Rescue**

**Course ID # 8263**

**Class Length:** 3 Hours

**Standard:** NFPA 1001, 1670

**Description:**

This course will cover the basics of rope care, maintenance and usage as well as basic skills on tying and utilizing knots to conduct a variety of rope rescue techniques as specified in the NFPA 100 standard.

**Content:**

1. Gain a level of conformability when working with rope.
2. Operate safely while conducting rope rescue operations.

**Requirements:**

- Pen or pencil, notepad

## **Rural Firefighting Operations**

**Course ID # 8433**

**Class Length:** 3 Hours

**Standard:** NFPA 1021

**Description:**

This course focuses on how rural fire departments can deal with their specific problems to provide the fire and emergency services their specific service areas require, while maximizing the effectiveness and safety of limited resources and personnel.

**Content:**

Students will learn valuable information that they can implement during an emergency response in a rural setting

**Requirements:**

- Pen or pencil, notepad

## Rural Pumper Operations

Course ID # 8431

**Class Length:** 3 Hours

**Standard:** NFPA 1002

**Description:**

This course focuses on providing the rural pump operator the skills needed to deliver firefighting water supplies in the rural area. Rural pump operators must be proficient in drafting operations, relay pumping operations, supplying tanker/tender fill sites, the use of portable pumps, and other specialized pumping operations used on the rural fire ground or emergency scene. Attendees should already have experience operating fire department pumps.

**Content:**

Deliver firefighting water supplies in the rural area.

**Requirements:**

- Pen or pencil, notepad

## SCBA Refresher

Course ID # 8450

**Class Length:** 3 Hours

**Standard:** NFPA 1001

NFPA 1404, NFPA 1981, NFPA 1982

**Description:**

This course will cover donning, doffing, usage; care, maintenance, and inspection of self-contained breathing apparatus (SCBA).

**Content:**

Upon completion, students will be fluent in all aspects of their self-contained breathing apparatus (SCBA).

**Requirements:**

- SCBA, PPE

## SCBA Trailer

Course ID # 8279

**Class Length:** 3 Hours

**Standard:** NFPA 1001

**Description:**

Self-contained breathing apparatus (SCBA) forms part of the respiratory equipment used in fire fighting and industry. Regular training under extreme conditions involving exposure to physical and mental stress enables SCBA users to gain practical experiences and increase their safety. This training program is designed to meet these needs and to permit SCBA users to train under conditions of physical and mental stress. Consequently, the training program is not easy and the trainee must be in good health to participate. The mobile SCBA trailer is completely self-contained inside a 45-foot trailer. The unit is designed for training emergency response, industrial, and utility personnel who may be called upon to use respiratory equipment.

**Requirements:**

- SCBA, PPE

## Search & Rescue 101

Course ID # 8380

**Class Length:** 3 Hours

**Standard:** NFPA 1001

**Description:**

After completing this training, the student will be prepared to safely conduct a search and rescue operation in a structure. The primary focus of this class is hands on training.

**Content:**

Students will cover victim removal, safety guidelines for search operations within buildings and facts about firefighters who become trapped or disoriented.

**Requirements:**

- Pen or pencil, notepad, SCBA, PPE

## USAR (Urban Search & Rescue) Trailer Awareness

Course ID # 8280

**Class Length:** 3 Hours

**Standard:** NFPA 1672

**Description:**

The Urban Search & Rescue (USAR) Training Trailer is designed to accommodate training which provides for safety first, allowing your department to conduct realistic training scenarios and simulations. Students will use hand and power rescue tools to breach through multiple entrances and different types of openings. The USAR trailer can be set-up to provide multiple levels of difficulty, for the beginner to advanced technical rescue.

**Content:**

Simulator capabilities include: shoring, confined space, use of hand tools, rope rescue, breaching (concrete, block, wood, and steel), search/rescue in smoke filled interior, variable interior configurations, ventilation, specialized tool handling, and SCBA use.

**Requirements:**

- SCBA, PPE

## Vehicles and Alternative Fuels

Course ID # 8361

**Class Length:** 3 Hours

**Standard:** NFPA 1670

**Description:**

New technology in motor vehicle fuels continue to make the safety of emergency response personnel more difficult to deal with every day. This course will highlight the newest vehicle power fuels in use today.

**Content:**

Students will learn about the newest in fuels for vehicles today—whether electric, vehicle. E85 blend will be discussed.

**Requirements:**

- Pen or pencil, notepad

## Ventilation Training

Course ID # 8283

**Class Length:** 3 Hours

**Standard:** NFPA 1001

**Description:**

The Ventilation Trailer will allow you the ability to evaluate firefighter performance under safe, realistic conditions in an organized manner. This environmentally-safe ventilation trailer offers practice on flat roofs, 7-12" pitch roofs and 12-12" pitch roofs, rafter locations of 16" or 24" on center, flat or vaulted ceiling styles. With the ability to control the fire conditions, there is great flexibility to adjust the training level to the individual needs of the trainees. The Ventilation Trailer is completely self-contained.

**Requirements:**

- Pen or pencil, notepad, SCBA, PPE
- The host department is responsible for debris cleanup

## Wildland Fire Control

Course ID # 8356

**Class Length:** 3 Hours

**Standard:** NFPA 1051

**Description:**

This class will discuss wildland fire control and how to use a variety of information to make control decisions.

**Content:**

Upon completion, students will be able to determine factors that influence fire behavior, and will know how to use that information to make control decisions and determine appropriate fire ground tactics.

**Requirements:**

- Pen or pencil, notepad

## Will it Stay Standing?

Course ID # 8487

**Class Length:** 3 Hours

**Standard:** NFPA 1031

**Description:**

Buildings on fire fail much faster than they used to. This class will identify some of the reasons that this is happening and will provide students with the knowledge required to accurately determine the stability of these buildings, and to identify the warning signs that may be present before they fail. It is important to make the call to evacuate early enough to allow your crew to escape!

**Content:**

To provide the knowledge necessary to allow emergency responses personnel with the ability to accurately identify the warning signs that may be present that could indicate possible building failure.

**Requirements:**

- Pen or pencil, notepad