



MFSI Fire Training Course Catalog



Develop Your Path to Success and Recognition



- ♦ **Fire Fighter I**
- ♦ **Fire Fighter II**
- ♦ **Fire Instructor I**
- ♦ **Fire Instructor II**
- ♦ **Fire Officer I**
- ♦ **Fire Officer II**
- ♦ **Upgrade Program**

Specialty Fire Training Programs



- ♦ **Basic Pump Operator**
- ♦ **Basic Fire School**
- ♦ **Basic Fire Officer**
- ♦ **Hazardous Materials Operations**
- ♦ **Emergency Vehicle Operators - EVOC**

National Fire Academy Courses



- ♦ **Incident Safety Officer**
- ♦ **Community Risk Reduction**
- ♦ **Preparation for Initial Company Operations**
- ♦ **Strategy and Tactics for Initial Company Operations**
- ♦ **Youth Firesetting Prevention Intervention**
- ♦ **Decision Making for Initial Company**
- ♦ **Leadership on Supervision Series**

Requesting a training course is easy and it's free! For more information

Visit www.MaineFSI.org or call 207.844.2070.



Maine Fire Service Institute
19 Seawall Street
Brunswick ME 04011
Ph 207-844-2070 Fax 207-725-9079
Www.MaineFSI.org




SMCC/MFSI
19 Sewall St.
Brunswick, ME. 04011

December 22, 2017

To the Fire Service Professionals of Maine,

Maine Fire Service Institute is a division within Southern Maine Community College. Since 1948 MFT&E/MFSI has served as the primary organization dedicated to training firefighters throughout Maine. Currently, with a full time staff of 10 and a cadre of 100 instructors all over The State of Maine, produce a variety of programs in regions around the State of Maine to meet the demands by the local fire chiefs.

Complementing the program delivery, MFSI also serves as the certification entity for all firefighter programs. MFSI accomplishes all this by fostering partnerships and collaborating with local departments, regional programs, the fire Science Programs of SMCC & EMCC and other state agencies, such as the Maine State Fire Marshal's Office and the Maine Bureau of Labor.

Please take time to look through the catalog, or check out the web site www.MaineFSI.org and like us on Facebook . Programs change and are updated continuously. If we are not offering a program you would like to have delivered, let us know, it may be something we can look at doing in the future. These programs, along with National Fire Academy Programs that we offer as an extension of the NFA, are here for you. If there is an NFA program you would like to see delivered, again, please let us know we will do what we can to get it delivered here in Maine.

If you have a question, please call us there is a full directory list on page one for this catalog. We are here to help and assist our states treasured resource of fire officers and fire fighters alike that dedicate their time and energy protecting the Pine Tree state habitants and infrastructure from the hazards of fire. With much respect and admiration.

Jim Graves
Director, MFSI

What course would you like MFSI to produce at your fire station?

1. Review the course catalog to choose the name of the training course
2. Training course and equipment requests must be made by the fire chief or the fire department training officer.
3. All training and equipment requests must be made by utilizing the "Request for Services" link found on the website www.MaineFSI.org
4. Complete all the fields on the Request Form. Do not use any dashes or periods in the block requiring contact phone numbers.
5. Use the drop down arrow in the "OPTIONS" block to select a category.
6. Use the "Request Comments" block to provide other pertinent information such as the anticipated date that starting the training or need equipment. If equipment is to be delivered to a fire department - is a representative available to assist with the placement?
7. If you experience problems with the Request Form you can contact either Training Program Managers to request assistance.

Contact Us

Auto attendant office at MFSI Brunswick Landing: 207.844.2070

James A. Graves, Director 207.844.2078

jgraves@smccme.edu

James Roy Deputy Director 207.844.2076

jroy2@smccme.edu

Peter Rines Certification & Curriculum 207.844.2074

prines@smccme.edu

Frank Hammond TPM 207.852.8286

Fhammond@smccME.edu

Walter Morris TPM 207.205.2762

Wmorris@smccME.edu

Visit our Website Online at: www.MaineFSI.org

Location

All courses in this catalog are available through MFSI free to the fire department and its firefighters. Registration fees are only required for expenses such as text books, lodging or meals when required.

MFSI reserves the right to limit the number of firefighters authorized to attend any training program it organizes based on safety ratios.

The offices of Maine Fire Service Institute are located on Southern Maine Community College - Midcoast Campus at Brunswick Landing.

MFSI / SMCC

19 Sewall Street

Brunswick Landing

Brunswick, ME 04011



Course Code

Course Description

MFTE-800

Fire Academy Program Fire Fighter I & II (233 hours) 24 minimum 30 max
The academy course is designed to provide a start to finish training program that teaches each of the 38 chapters of the Jones & Bartlett curriculum "Fundamentals of Fire Fighter Skills, 3rd Ed." The training program is be conducted using in – house certified fire training instructors or in a combined delivery utilizing MFSI State fire instructors in conjunction with the in – house instructors. The training program meets and exceeds the Fire Fighter I and II professional qualifications levels as outlined in the 2013 edition of NFPA 1001, *Standard for Fire Fighter Professional Qualifications*. It also covers all of the Job Performance Requirements (JPRs) listed in the 2008 edition of NFPA 472, *Standard for Competence of Responders to Hazardous Materials/Weapons of Mass Destruction Incidents*, at the awareness and operations levels, including Section 6.2, Mission-Specific Competencies: Personal Protective Equipment and Section 6.6, Mission-Specific Competencies. All in-house academy programs are *required* to complete an application for in-house training prior to beginning the training in order to be placed in the queue.

MFTE-803

Block I General Knowledge (16 hours) 12 minimum 24 max
Chapter 1 History, Chapter 3 Fire Service Communications, Chapter 4 Incident Command System & Chapter 5 Fire Behavior

The foundation for the knowledge, skills and abilities required by a recruit fire fighter candidate are provided by the first block of the Fundamentals of Fire Fighter Skills. The recruit will learn the historical significance and evolution of fire fighting focusing on technology, progression along with the hazards that fire fighters may face at an emergency.

Communications is the medium that all fire fighters are expected to utilize *in every emergency* situation. To prepare the recruit there will be exercises to receive information, record the information, and ask for more information to insure a correct emergency response and then communicate the information to activate an alarm.

The Incident Command System is expected to be followed by every member of the of the fire service and should be utilized as a means to manage all aspects of fire department operations including; training, inspections, maintenance and response to emergencies. The Incident Command System will assist with control of personnel, resources, strategy and tactics implemented. Recruits must learn to use the ICS and gain an understanding of their position within the organizational structure in order to operate within the confines of the system to conduct safe operations.

The chemistry of fire dictates the way and means the fire will progress in a structure and the recruits must gain an understanding of the how the fire will behave when they encounter an uncontrolled fire inside a building.

**Course Code #****Course Description**

MFTE-804

Block 2 Response (16 hours) 12 minimum 24 max
Chapter 2 FF Qualification & Safety, 10 Response Size-Up, 17 FF Survival, 19 FF Rehabilitation

Recruits will learn that fire fighter safety is recognized as the number one priority of each and every member of the fire department. Each year over 100 fire fighters are killed in the line of duty. Review of statistics and incidents will be conducted in efforts to reduce the annual death and injury results to fire fighters. The use of Self Contained Breathing Apparatus (SCBA) by all fire fighters is required whenever and wherever they encounter an Immediately Dangerous to Life and Health (IDLH) atmosphere. Recruits will practice donning the SCBA to ensure that it can be operational in one minute or less.

Recruits will practice safe methods to respond to an emergency. Students will learn how to manage receipt of information in person, over the phone, over the radio and process this information to prepare to deal with the emergency. When an emergency alarm is transmitted and received the recruits must be able to safely prepare for response, what they will do on arrival at the emergency, conduct a size-up of the situation and construct an Incident Action Plan.

At every emergency it is vital for each recruit to understand the necessity of their actions as a member of their company is dictated by the Incident Action Plan and the risk - benefit of the actions to be taken. Team integrity is essential for all operations to be conducted safely; recruits must work in teams remaining in visual & verbal contact with each other when in hazardous environments. Management of the SCBA air supply is required and will be practiced

MFTE-805

Block 3 Fundamentals of Fire Fighting (16 hours) 12 minimum 24 max
Chapter 7 Portable Fire Extinguishers, Chapter 8 Fire Fighting Tools & Equipment, Chapter 9 Ropes & Knots

Recruits will learn the classes of fires and the classification of fire extinguishers to use when fighting fires. The chemistry of fire is reviewed again in this block of training to gain an understanding of the methods of extinguishment. Recruits will conduct live fire training choosing the correct extinguishing agent to combat the fires encountered.

Fire fighting tools and equipment are available in many forms. Not every fire department carries the same tools but most are universal and most of the specialized tools and equipment will be found on the aerial ladder trucks or the heavy rescue apparatus. All types of tools will be reviewed, discussed and used by the recruits in this block of training.

Each recruit will be taught how to tie a series of knots that will be used based on the situation encountered. The types of rope, materials, construction, associated hardware and maintenance will be learned as part of this block of training.

**Course Code #****Course Description**

MFTE-806

Block 4 Initial Attack Skills (16 hours) 12 minimum 24 max
Chapter 11 Forcible Entry & Chapter 12 Ladders

Forcible entry training begins with a review of building construction to understand the best way and means to gain entry to a structure through doors, windows, locks and walls. Use of tools and safety is reinforced.

Ladders provide entry and exit points for fire fighters. The deployment of ladders is essential to both the occupants of the structure and the fire fighters who will be operating in the hostile conditions. Recruits will learn how ladders are constructed, how to inspect, maintain, clean and service them. Ladder safety is paramount whenever they are removed from the apparatus. Selecting the correct ladder, removing from the apparatus, carrying, placing, raising, securing, climbing, dismounting and working from a ladder will require multiple drills on a regular basis to become proficient in laddering skills.

MFTE-807

Block 5 Tactical Support Skills (16 hours) 12 minimum 24 max
Chapter 13 Search & Rescue, Chapter 14 Ventilation

Recruits will be challenged to conduct primary and secondary searches of structures wearing full fire fighting turnout bunker gear with SCBA. They will apply risk management techniques in accordance with the Incident Action Plan applied to the search. There are many rescue techniques that the recruit can utilize to rescue a victim including sheltering in place, assisting the victim to an exit, carrying or dragging the victim, assisting a victim down a ground or aerial ladder and removing a victim by ladder.

The benefits of ventilation are learned and placed in perspective once again with the knowledge learned about building construction to enable the ventilation team to carry out the tactics necessary to rid the structure of smoke, heat and toxic gases. Tactical priorities will be introduced again and applied to decisions made concerning when to vent, how to vent and where to vent.

MFTE-808

Block 6 Water Supply & Hose (16 hours) 12 minimum 24 max
Chapter 15 Water Supply, Chapter 16 Fire Hose, Nozzles, Streams and Foam

Recruits will study and learn about the water supply systems available in their communities whether from static sources or kinetic municipal supply systems, access to static water, distribution of municipal water, fire hydrants operation and maintenance. Recruits will connect fire pumps from both static and kinetic sources to provide water to the pumping apparatus. They will operate a fire hydrant by turning it on and shutting down the flow of water from the hydrant.

Recruits will study basic hydraulics to gain an understanding of how water reacts under pressure, increased flow, friction loss, elevation pressure and the destructive nature of water hammers. Fire hose functions, sizes, construction, couplings used to supply water to the fire pump apparatus or to attack the fire will be demonstrated by each recruit. They will learn the causes and prevention of damage to fire hose along with the cleaning and maintenance and annual inspection. Various hose storage methods will be demonstrated by each recruit including the straight roll, single donut, twin donut and the self locking twin donut

Course Code

Course Description

roll. Recruits will participate in supply line evolutions, loading fire hose on the pumper apparatus, attack line evolutions. Operation of the fire nozzle to apply water to the seat of a fire is essential to the extinguishment process and will be practiced. Recruits will place a fire attack hose in operation incorporating fire fighting foam into the system.

MFTE-809

Block 7 Suppression (16 hours) 12 minimum 24 max
Chapter 18 Salvage, Chapter 21 Fire Suppression

Salvage and overhaul operations provide the protection to the property that was damaged by the fire. Salvage and overhaul are usually conducted at the same time or in close coordination with each other. If sufficient personnel is available they can be performed at the same time as fire suppression is being conducted. Recruits will learn to apply safety principles and practices when conducting salvage and overhaul. Lighting the scene can increase the safety of the operation dramatically and the recruits shall learn how to operate generators, connect electrical cords and extend portable lighting into the structure or illuminate the exterior. Sprinkler systems may have activated during the fire and recruits will learn how to deactivate the system and remove water to prevent further damage. The use of salvage covers to protect property and to divert water is a fundamental responsibility that each recruit must demonstrate.

Fire suppression is culmination of the subjects learned in blocks 1 through 6 including the salvage work learned in block 7. The recruits will learn to fight fires in vehicles, flammable liquid & gas fires, electrical fires and structure fires. The strategy and tactics learned in earlier blocks must be employed on the fire scene to achieve the goal of extinguishing the fire.

MFTE-810

Block 8 Fight Fire Smart (16hours) 12 minimum 24 max
Chapter 6 Building Construction, Chapter 22 Pre-Incident Planning, Chapter 35 Fire Prevention & Public Education, Chapter 36 Detection, Protection & Suppression Systems, Chapter 37 fire Cause Determination

Building construction provides every fire fighter with relevant information concerning building materials, the types of building construction, the functions of building components and how the types of building construction will react to fire. Fire fighters will learn how to conduct a pre-incident survey noting the sources of the water supply, fire suppression and detection systems. Of primary importance is the ability to identify and detect hazards to include on the survey. Every fire fighter is expected to represent their community to prevent fires to reduce the loss of life and property. The fire fighter shall conduct a fire safety survey on a private dwelling using survey forms and make recommendations to the occupant for corrections. Each fire fighter shall provide safety information to fire station visitors or small groups using prepared materials. Fire fighters will learn to preserve the signs of the origin of the fire and the area surrounding as they are equally as important when arson is suspected. Identifying fire burn patterns and the techniques for preserving the evidence including protecting the fire scene is required to all members of the fire department.



Course Code

Course Description

MFTE-811

Block 9 EMS – Vehicle Rescue (16 hours) 12 minimum 24 max
Chapter 25 Vehicle Rescue & Extrication, Chapter 26 Assisting Special Rescue Teams

Vehicle accidents account for an increasing number of fire department responses. Each accident encountered offers different challenges such as the model of automobile and the safety systems included. The fire fighter must identify the hazards when arriving at the accident scene before taking action. Cribbing and stabilization will be deployed to mitigate hazards and extrication tools - cutting tools will be used to gain access to victims entrapped. Fire fighters are called upon to handle many special hazard situations referred to as technical rescue incidents. These incidents require a specially trained team of skilled fire fighters normally assigned to a heavy rescue apparatus or a truck company. Every fire fighter then becomes an integral part of the team as an assistant. The assistants must be ready to retrieve various types of rescue tools and establish public barriers.

MFTE-812

Block 10 Introduction to Haz Mat (16 hours) 12 minimum 24 max
Chapter 20 Wildland & Ground Fires, Chapter 27 Haz Mat Overview, Chapter 28 Haz Mat Properties & Effects, Chapter 29 Haz Mat recognition & Identification

Fire fighters will prepare to combat wildland fires using suppression techniques such as using hand tools, back pack extinguishers and hose lines to extinguish the blaze. They will also learn to deploy a fire shelter when in danger of being overrun by a rapidly moving fire. We are surrounded by hazardous materials in our daily lives; they pass through our communities via ground transportation, air, rail, and pipeline. As fire fighters we must learn to define what is a hazardous material and plan for the release of the hazardous products. The characteristics of the hazardous materials will be reviewed and use of the Department of Transportation (DOT) Emergency Response Guidebook is essential for protection of each fire fighter and the public.

MFTE-813

Block 11 Response to Haz Mat (16 hours) 12 minimum 24 max
Chapter 30 Implementing a Response, Chapter 31 Scene Safety, Chapter 32 Response Priorities & Actions

Fire fighters will be provided scenarios involving hazardous materials / WMD incidents to construct incident action plans to notify the proper authorities, estimate the size & scope of the incident, initiate the Incident Command System and establish the command post. The fire fighters will describe the mission of the haz mat search & rescue at an incident, plan for exposure control and prepare to take defensive control activities to handle the incident. Use of a multigas meter to conduct atmospheric monitoring, deployment of absorption / adsorption materials will be utilized to contain the release, construction of both over flow and underflow dams, diversion, retention, dispersion and suppression skills will be practiced.

Course Code

Course Description

MFTE – 814

Block 12 Haz Mat Decon (16 hours) 12 minimum 24 max
Chapter 33 Haz Mat Decontamination Techniques & Chapter 34 Terrorism Awareness

Fire fighters will identify the types of decontamination, how to conduct an emergency decontamination and the potential for cross decontamination. They will practice performing emergency decontamination and setting up a system to conduct mass decontamination. To prepare for the threat of another terrorist attack fire fighters will describe types of threats posed by terrorists groups and individuals. Fire fighters will review the dangers of explosive devices, chemical agents, biological agents and radiological incidents.

MFTE – 825

Mobile Alarm Sprinkler Trainer (MAST) min 8 / max 12
The Mobile Alarm Sprinkler Trainer (MAST) is a prop designed to provide a laboratory for fire fighters studying fire protection systems. The MAST unit has an alarm system that is capable of monitoring the following components of a buildings fire protection system: sprinkler tamper switches, water flow activation, fire alarm manual pull station, smoke and heat detectors, master fire alarm box and Knox box. The MAST unit also contains fully functioning Wet Sprinkler System, Dry Sprinkler System, Residential Sprinkler System, Standpipe System and the WET Room containing three different style sprinkler heads. The MAST unit can provide fire fighters with the hands on skills required by the 2013 edition of NFPA 1001, *Standard for Fire Fighter Professional Qualifications*.

MFTE- 850

Basic Fire School (BFS – 86 hours) 12 minimum 24 maximum

The Basic Fire School program was constructed by members of MFTE to satisfy the requirements of the Maine Bureau of Labor for individuals who seek recognition to fight fires in structures. The program has been reviewed and approved by BLS to meet the minimum requirements for interior fire fighting operations. Training objectives from the Jones & Bartlett "Fundamentals of Fire fighter Skills I & II" curriculum package are utilized to address the BLS requirements. The program covers the competencies needed to prepare a recruit fire fighter for the challenges they may face at an emergency. There is no written examination or skills end test required after completion of this program. Candidates who complete the BFS program are eligible to receive a certificate of completion. This training program does not meet the NFPA 1001 Standard for Fire Fighter Professional Qualifications.

Course Code #**Course Description**

MFTE- 851

Basic Pump Operation Course (B.P.O.C.) (16 hours)
(PPE required)
6 minimum / 8 maximum

The basic fire pump operation program is designed to provide fire fighters with a standardized means of providing water at an emergency scene. The number one priority of the program is to operate safely and provide a constant uninterrupted flow of water. Because of the diversity of fire pump apparatus found in fire departments candidates must learn to operate equipment recognizing these differences. The course covers the principles of hydraulics and the basic operation of fire department pumpers. This training limits pumping capacity to 500 gallons per minutes for safety reasons. Drills include: correct placement of apparatus, pumping from tank, pumping from hydrants, pumping from draft, and using pressure control devices. The course includes classroom and practical exercises.

MFTE – 867

Basic Pump Operators Course Train-the-Trainer (BPOC) (8 hours)
(PPE Required)
Prerequisite: Fire Instructor I, Basic Pump Operations Course recognition
completion card 6 minimum / 8 maximum

The basic fire pump operation program is designed to provide fire fighters with a standardized means of providing water at an emergency scene. The number one priority of the program is to operate safely and provide a constant uninterrupted flow of water. Because of the diversity of fire pump apparatus found in fire departments candidates must learn to operate equipment recognizing these differences. The course covers the principles of hydraulics and the basic operation of fire department pumpers. This training limits pumping capacity to 500 gallons per minutes for safety reasons. Drills include: correct placement of apparatus, pumping from tank, pumping from hydrants, pumping from draft, and using pressure control devices. The course includes classroom and practical exercises.

Course Code #**Course Description**

MFTE- 852

Hazardous Materials Awareness and Operations (32 hours) (PPE required)
12 minimum / 24 maximum

Prerequisite: SCBA qualified

The course Hazardous Materials Awareness and Operations meets and exceeds the requirements for Fire Fighter I and II certification and satisfies the core competencies for operations level responders including the eight mission-specific responsibilities for first responders within the current Edition of NFPA 472, *Standard for Competence of Responders to Hazardous Materials/Weapons of Mass Destruction Incidents*. Additionally, the material presented also exceeds the hazardous materials response requirements of the Occupational Safety and Health Administration (OSHA) and the Environmental Protection Agency (EPA).

A fire fighter's ability to recognize an incident involving hazardous materials or weapons of mass destruction (WMD) is critical. They must possess the knowledge required to identify the presence of hazardous materials and WMD, and have an understanding of what their role is within the response plan. Hazardous Materials Awareness and Operations will provide fire fighters and first responders with these skills and enable them to recognize the properties and effects of hazardous materials and WMDs

- How to calculate potential danger and initiate a response plan
- Selection, use, advantages, and disadvantages of personal protective equipment
- Mass and technical decontamination
- Evidence preservation and sampling
- Product control
- Victim rescue and recovery
- Air monitoring and sampling
- Illicit laboratory incidents

A major portion of the time will be spent conducting hands on training including:

- Donning & doffing hazardous materials suits
- Using air monitoring equipment
- Using the Department of Transportation (DOT) Emergency Response Guidebook (ERG)
- Conducting hazardous material scenarios



Course Code

Course Description

MFTE- 854

Hazardous Materials Operations Refresher (8 hours) (PPE required)

12 minimum / 24 maximum

Prerequisite: Successful completion of Hazardous Materials Operations Course in past 12 months

Fire fighters are required to conduct a refresher program annually to maintain recognition as hazardous materials operations level responders. Students will review basic principles for responding to the release of hazardous materials such as:

- Donning & doffing hazardous materials suits
- Using air monitoring equipment
- Using the Department of Transportation (DOT) Emergency Response Guidebook (ERG)
- Conducting hazardous material scenarios

MFTE-859

Fire Instructor I & II (60 hours)

10 minimum / 20 maximum

MFTE adopted the Jones & Bartlett curriculum *Fire Service Instructor: Principles and Practice* in 2007. The curriculum provides the prospective fire instructor with the up-to-date information required to meet the modern job performance requirements for the Fire Service Instructor I and II as outlined by the National Fire Protection Association's current edition of (NFPA) 1041, *Standard for Fire Service Instructor Professional Qualifications*.

The course encourages critical thinking and is the core of an integrated teaching and learning system for Fire Instructor I and II level courses. The textbook is written in a clear, concise, and user-friendly writing style to simplify the material for students. *The course* is not only designed to help you meet the requirements to become a fire service instructor, but also empowers you to become a great educator within the fire and emergency services. Candidates are required to conduct a twenty minute teaching presentation that can be done as part of the in – class experience or they can video tape the presentation and submit it to the MFTE Certification Program Manager for review.

MFTE-862

Fire Officer I & II Academy (108 hours)

15 minimum / 24maximum

Prerequisite: NFPA 1001 Fire Fighter II certification, NFPA 1041 Fire Instructor level I. Nineteen (19) *written projects must be submitted during the first day of registration at the academy location to the Fire Officer Project Manager. Candidates who have not completed the written projects will not be permitted entry to the Fire Officer Academy and a refund minus the cost of books will be returned.*

MFTE adopted the Jones & Bartlett curriculum *Fire Officer: Principle and Practice* in 2005. The curriculum provides the prospective fire officer with a modern integrated teaching and learning system for the Fire Officer I and II levels. Fire officers need to know how to make the transition from fire fighter to

Course Code #**Course Description**

(cont.) leader. The training course is designed to help fire fighters make a smooth transition to the fire officer.

The text is the core of the teaching and learning system with features that will reinforce and expand on the essential information and make information retrieval a snap. The program covers the entire scope of NFPA 1021, *Standard for Fire Officer Professional Qualifications, Current Edition*, and combines current content with dynamic features using interactive technology to better prepare future fire officers for any situation that may arise.

The course combines current content with dynamic features and interactive technology to better support instructors and help prepare tomorrow's fire officers.

The text covers the entire spectrum of the NFPA 1021, *Standard for Fire Officer Professional Qualifications*, current Edition, from written and oral communications to size-up to budgeting.

Practical coverage of:

- Introduction to the Fire Officer
- Preparing for promotion
- The Firefighter and the Fire Officer
- Fire Officer Communication
- Safety and Risk Management
- Understanding People: Management Concepts
- Leading the Fire Company
- Training and Coaching
- Evaluation and Discipline
- Organized Labor and the Fire Officer
- Working in the Community
- Handling Problems, Conflicts and Mistakes
- Pre-incident Planning and Code Enforcement
- Budgeting
- Managing Incidents
- Rules Of Engagement
- Fire Attack
- Fire Cause and Determination
- Crew Resource Management and Leading Change
- SIMS Training

Course Code

Course Description

MFTE-265

Fire Officer III & IV (80 hours) The course is designed around classroom lectures and group interactive exercises to improve your abilities to manage a fire service organization. The course emphasizes community/government relations, model planning, budgeting, human resources, trends and support organizations, and emergency service delivery. The course includes a written project that requires you to develop a strategic plan.

This course meets the needs of fire executive management. The Fire Officer III/IV combination course satisfies the requirements of National Fire Protection Association (NFPA) 1021, and the National Board on Fire Service Professional Qualifications (ProBoard)

MFTE-XXX

Basic Fire Officer (BFO) 40 hours. is a new course in what we plan to be a series of courses intended to help develop future fire service leaders. The goal of this program is to give new and prospective officers the knowledge and skills necessary to effectively manage and lead their companies and departments in the challenges of the rapidly changing fire service. Topics include: assuming the role of an officer, introduction to management and leadership, fire service organization, legal issues facing the fire service, communications, health and safety, incident management, emergency response, incident management and strategy and tactics for initial company operations.

The Basic Fire Officer program consists of presentation of 9 of the 19 chapters in the Jones & Bartlett Fire Officer I & II curriculum which does meet the NFPA 1021 Standard. These 9 chapters were selected as they provide basic skills necessary to succeed in the role of fire officer, especially those in volunteer or paid-on-call FDs. Completion of BFO alone does not provide Pro-Board Fire Officer I & II certification but it does provide some formal fire officer training as required by BLS and ISO.

One of our goals when developing the Basic Fire Officer program was to ensure that the needs of the students were met while providing a path to allow graduates to bridge to Fire Officer I & II Pro-Board certification in the future if they desire. This was done by utilizing existing Fire Officer I & II progress charts, utilizing the same text book and utilizing other steps in the development of the Basic Fire Officer program.

Our plan is to develop and implement an Advanced Fire Officer program. This program would cover all of the Fire Officer I & II skills and knowledge objectives not included in the Basic Fire Officer program. Upon completion of both the Basic and Advanced Fire Officer programs, graduates would be provided with the opportunity to take the written examination and obtain Fire Officer I & II Pro-Board certification. It is our hope that this next step will be accomplished during the spring and summer of 2017.

Course Code #**Course Description**

MFTE - 865

Emergency Vehicle Operators Course (EVOC) 2015 Fire Apparatus edition
(16 hours) (PPE Required) 8 minimum / 12 maximum

The objective of the Emergency Vehicle Driver Training (EVDT) program is to provide both classroom work and hands-on training aimed at reducing the frequency of accidents and minimizing their impact on the department and community. The participant manual assists participants in reviewing important issues discussed by the instructor. Candidates must drive fire apparatus through a designed driving course that simulates actions found on municipal streets and private right of ways. Sixteen student contact hours is evenly spread between the classroom and driving course.

MFTE – 868

Emergency Vehicle Operators Course **Train-the-Trainer** (EVOC) 2015 Fire Apparatus edition
(16 hours) (PPE Required) 8 minimum / 12 maximum

Prerequisite: Fire Instructor I, EVOC recognition completion card

The objective of the Emergency Vehicle Driver Training (EVDT) program is to provide both classroom work and hands-on training aimed at reducing the frequency of accidents and minimizing their impact on the department and community. The participant manual assists participants in reviewing important issues discussed by the instructor. Candidates must drive fire apparatus through a designed driving course that simulates actions found on municipal streets and private right of ways. Sixteen student contact hours is evenly spread between the classroom and driving course.

*Note – some students have experienced dizziness and nausea while participating in the DEVS training. If you are prone to motion sickness the DEVS training may cause these ailments.

Course Code

Course Description

NFA Courses Available from MFSI

MFTE-876

NFA: Preparation for Initial Company Operations (PICO F458) (16 hours)
12 min /24 max

This course is designed to develop a better understanding of the roles and responsibilities of a Company Officer in preparing their company for incident operations. In addition, to clarify the transition from firefighter to company officer and the new roles relating to leadership and safety, this course is designed for company officers, acting company officers, or senior firefighters responsible for the management of a single fire company at an emergency incident. Those officers who are responsible for company readiness, personnel safety, and leadership as it relates to company operation including company officers, acting officers, or senior firefighters who command a fire company during emergency operations. Those officers who are responsible for maintaining skills and company readiness are the primary audience.

MFTE - 877

NFA: Strategy and Tactics for Initial Company Operations (STICOF455)
(16 hours) 12 min /24 max

STICO is designed to meet the needs of Company Officers responsible for managing the operations of one or more companies during structural firefighting operations. STICO is designed to develop the management skills needed by company officers to accomplish assigned tactics at structure fires. Senior firefighters who may at times assume the responsibilities of the company officer.

MFTE- 878

NFA: Youth Firesetting and Prevention Intervention Level 1 (YFPHI-I O0633)
(16 hours) 12 min /24 max

(Formerly known as Juvenile Firesetter Intervention Specialist I) This two day course is based on the requirements of National Fire Protection Association (NFPA) 1035, Standard on Fire and Life Safety Educator, Public Information Officer, Youth Firesetter Intervention Specialist and Youth Firesetter Program Manager Professional Qualifications, pertaining to the Youth Firesetting Prevention and Intervention – Level 1..This course empowers students with a broad understanding of the knowledge, skills and abilities that the Youth Firesetting Prevention and Intervention –Level 1 should have as requirements of NFPA Standard 1035 pertaining to youth firesetting. This course is for the practitioner who provides services at the program delivery level.

Course Code

Course Description

MFTE- 879	<p>NFA: <u>Youth Firesetting and Prevention Intervention Level 2</u> (YFPHI-II O0634) (16 hours) 12 min /24 max</p> <p>(Formerly known as Juvenile Firesetter Intervention Specialist II) This two day class is based on the National Fire Protection Association (NFPA) 1035, Standard on Fire and Life Safety Educator, Public Information Officer, Youth Firesetter Intervention Specialist and Youth Firesetter Program Manager Professional Qualifications, pertaining to the Youth Firesetting Prevention and Intervention – Level 2. The course is designed for the person who is responsible or will be responsible for leading a youth firesetting prevention and information.</p>
MFTE – 881	<p>NFA: <u>Incident Safety Officer</u> (ISO F729) (16 hours) 12 min /24 max</p> <p>This course examines the incident safety officer's role within a command structure at emergency response situations. Participants will be able to identify and analyze incident scene safety concerns and communicate recommended solutions to the command authority.</p>
MFTE – 883	<p>NFA: <u>Decision Making for Initial Company Operations</u> (F457) (16 hours) 12 min /24 max</p> <p>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 at 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.</p>
MFTE – XXX	<p>NFA: <u>Best Practices in Community Risk Reduction</u> (F0635) (16 hours) 12 min /24 max</p> <p>This two-day course demonstrates to students nationally recognized principles that, when used appropriately, can lead to community risk-reduction programs that can measure success in local communities. This course will give students the opportunity to explore programs from communities across the United States that have been showcased at Vision 20/20 symposiums. These programs demonstrate what nationally recognized organizations identify as examples of "best practices" in community risk reduction.</p>

Course Code #**Course Description**

MFTE – XXX

NFA: Health and Safety Officer (F0730)
(16 hours) 12 min /24 max

This two-day course examines the Health and Safety Officer's role in identifying, evaluating and implementing policy and procedures that affect health and safety aspects for emergency responders. Risk analysis, wellness, and other occupational safety issues will be the main emphasis of this course.

Individuals who have department-level health and safety responsibilities. Individuals attending this course should have working knowledge of the Incident Command System as taught by the National Fire Academy, working knowledge of applicable National Fire Protection Association and Occupational Safety and Health Administration requirements and recommendations, and responsibility for setting policy for the department on such issues.