Michigan Department of Licensing and Regulatory Affairs

Bureau of Fire Services

Fire Fighter Training Division

Michigan Fire Fighters Training Council

COURSE CATALOG

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A Series Courses: Fire Fighter – Basic

Fire Fighter I / Hazardous Materials Operations (A23E)

The Fire Fighter I / HazMat Ops course is structured for competency-based group instruction using curriculum from one of the two listed publishers the International Fire Service Training Association (IFSTA), or Jones and Bartlett. The two curriculum address the training objectives covered in the National Fire Protection Association (NFPA) standard 1001, 2019 edition.

Course Hours: 240

Student Manuals: IFSTA/Brady *Essentials of Fire Fighting and Fire Department Operations, 7th Edition*; Jones & Bartlett *Fundamentals of Fire Fighter Skills, 4th Edition*.

Instructor Fee: $13,200.00

Student Prerequisites:
* Eighteen years of age or older on the test date
* Member of an organized Michigan Fire Department or pre-service student through a recognized Michigan Regional Training Center.

Exception: Cadets or Explorers (under 18 years of age) from a fire department which as registered their cadet or explorer program with the MFFTC.

Written Test: 150 questions (70% passing score)

Practical Test: 10 practical skills stations

Fire Fighter I / Hazardous Materials Operations Challenge Exam (A23X)

The Fire Fighter I / HazMat Ops Challenge Exam is based on the National Fire Protection Association (NFPA) standard 1001, 2019 edition.

Challenge: The Fire Fighters Training Council Act, PA 291 of 1966 as amended allows members of organized fire departments to challenge the certification exam without first attending FFTC administered training. Cadets, explorers, and pre-service students are not allowed to challenge the examination.

Course Hours: 10

Student Manuals: IFSTA/Brady *Essentials of Fire Fighting and Fire Department Operations, 7th Edition*; Jones & Bartlett *Fundamentals of Fire Fighter Skills, 4th Edition*.

Instructor Fee: $1,980.00

Student Prerequisites:
* Eighteen years of age or older on the test date
* Member of an organized Michigan Fire Department or pre-service student through a recognized Michigan Regional Training Center.

Exception: No exceptions.

Written Test: 150 questions (70% passing score)

Practical Test: 10 practical skills stations

Fire Fighter I / Hazardous Materials Operations Retest Exam (A23Y)

The Fire Fighter I / HazMat Ops Retest Exam is based on the National Fire Protection Association (NFPA) standard 1001, 2019 edition.

Challenge: The Fire Fighters Training Council Act, PA 291 of 1966 as amended allows members of organized fire departments and students from regional training centers to retest the written, practical or both portions certification exam for which they may not have received a passing grade.

Course Hours: 10

Student Manuals: IFSTA/Brady *Essentials of Fire Fighting and Fire Department Operations, 7th Edition*; Jones & Bartlett *Fundamentals of Fire Fighter Skills, 4th Edition*.

Instructor Fee: $1,980.00

Student Prerequisites:
* Eighteen years of age or older on the test date
* Member of an organized Michigan Fire Department or pre-service student through a recognized Michigan Regional Training Center.

Exception: No exceptions.

Written Test: 150 questions (70% passing score)

Practical Test: 10 practical skills stations

Fire Fighter II (A24E)

The Fire Fighter II course is structured for competency-based group instruction using curriculum from one of the two listed publishers the International Fire Service Training Association (IFSTA), or Jones and Bartlett. The two curriculum address the training objectives covered in the National Fire Protection Association (NFPA) standard 1001, 2019 edition.

Course Hours: 55

Student Manuals: IFSTA/Brady *Essentials of Fire Fighting and Fire Department Operations, 7th Edition*; Jones & Bartlett *Fundamentals of Fire Fighter Skills, 4th Edition*.

Instructor Fee: $3,025.00

Student Prerequisites:
* Eighteen years of age or older on the test date
* Member of an organized Michigan Fire Department or pre-service student through a recognized Michigan Regional Training Center.

Exception: Cadets or Explorers (under 18 years of age) from a fire department which as registered their cadet or explorer program with the MFFTC.

Written Test: 50 questions (70% passing score)

Practical Test: 2 practical skills stations

Fire Fighter II Challenge Exam (A24X)

The Fire Fighter II Challenge Exam is based on the National Fire Protection Association (NFPA) standard 1001, 2019 edition.

Challenge: The Fire Fighters Training Council Act, PA 291 of 1966 as amended allows members of organized fire departments to challenge the certification exam without first attending FFTC administered training. Cadets, explorers and pre-service students are not allowed to challenge the examination.

Course Hours: 6

Student Manuals: IFSTA/Brady *Essentials of Fire Fighting and Fire Department Operations, 7th Edition*; Jones & Bartlett *Fundamentals of Fire Fighter Skills, 4th Edition*.

Instructor Fee: $1,100.00

Student Prerequisites:
* Eighteen years of age or older on the test date
* Member of an organized Michigan Fire Department or pre-service student through a recognized Michigan Regional Training Center.

Exception: No exceptions.

Written Test: 50 questions (70% passing score)

Practical Test: 2 practical skills stations

Fire Fighter II Retest Exam (A24Y)

The Fire Fighter II Retest Exam is based on the National Fire Protection Association (NFPA) standard 1001, 2019 edition.

Retest: The Fire Fighters Training Council Act, PA 291 of 1966 as amended allows members of organized fire departments and students from regional training centers to retest the written, practical or both portions certification exam for which they may not have received a passing grade.

Course Hours: 6

Student Manuals: IFSTA/Brady Essentials of Fire Fighting and Fire Department Operations, 7th Edition; Jones & Bartlett Fundamentals of Fire Fighter Skills, 4th Edition.

Instructor Fee: $1,100.00

Student Prerequisites:
* Eighteen years of age or older on the test date
* Member of an organized Michigan Fire Department or pre-service student through a recognized Michigan Regional Training Center.

Exception: No exceptions.

Written Test: 50 questions (70% passing score)

Practical Test: 2 practical skills stations

Fire Fighter I & II / Hazardous Materials Operations (A25E)

The Fire Fighter I & II / HazMat Ops course is structured for competency-based group instruction using curriculum from one of the two listed publishers the International Fire Service Training Association (IFSTA), or Jones and Bartlett. The two curriculum address the training objectives covered in the National Fire Protection Association (NFPA) standard 1001, 2019 edition.

Course Hours: 295

Student Manuals: IFSTA/Brady Essentials of Fire Fighting and Fire Department Operations, 7th Edition; Jones & Bartlett Fundamentals of Fire Fighter Skills, 4th Edition.

Instructor Fee:
1-10 students $12,000.00
11-15 students $16,225.00
16-20 students $20,000.00
21-25 students $24,000.00
26-30 students $28,000.00

Student Prerequisites:
* Eighteen years of age or older on the test date
* Member of an organized Michigan Fire Department or pre-service student through a recognized Michigan Regional Training Center.

Exception: Cadets or Explorers (under 18 years of age) from a fire department which as registered their cadet or explorer program with the MFFTC.

Written Test: 200 questions (70% passing score)

Practical Test: 12 practical skills stations

Fire Fighter I & II / Hazardous Materials Operations Challenge Exam (A25X)

The Fire Fighter I & II / HazMat Ops Challenge Exam is based on the National Fire Protection Association (NFPA) standard 1001, 2019 edition.

Challenge: The Fire Fighters Training Council Act, PA 291 of 1966 as amended allows members of organized fire departments to challenge the certification exam without first attending FFTC administered training. Cadets, explorers and pre-service students are not allowed to challenge the examination.

Course Hours: 14

Student Manuals: IFSTA/Brady Essentials of Fire Fighting and Fire Department Operations, 7th Edition; Jones & Bartlett Fundamentals of Fire Fighter Skills, 4th Edition.

Instructor Fee: $3,080.00

Student Prerequisites:
* Eighteen years of age or older on the test date
* Member of an organized Michigan Fire Department or pre-service student through a recognized Michigan Regional Training Center.

Exception: No exceptions.

Written Test: 200 questions (70% passing score)

Practical Test: 12 practical skills stations

Fire Fighter I & II / Hazardous Materials Operations Retest Exam (A25Y)

The Fire Fighter I & II / HazMat Ops Challenge Exam is based on the National Fire Protection Association (NFPA) standard 1001, 2019 edition.

Retest: The Fire Fighters Training Council Act, PA 291 of 1966 as amended allows members of organized fire departments and students from regional training centers to retest the written, practical or both portions certification exam for which they may not have received a passing grade.

Course Hours: 14

Student Manuals: IFSTA/Brady Essentials of Fire Fighting and Fire Department Operations, 7th Edition; Jones & Bartlett Fundamentals of Fire Fighter Skills, 4th Edition.

Instructor Fee: $3,080.00

Student Prerequisites:
* Eighteen years of age or older on the test date
* Member of an organized Michigan Fire Department or pre-service student through a recognized Michigan Regional Training Center.

Exception: No exceptions.

Written Test: 200 questions (70% passing score)

Practical Test: 12 practical skills stations

B Series Courses: Apparatus

Pump Apparatus Operator (B01B)

This course is designed to educate driver/operators who are responsible for operating apparatus equipped with fire pumps. The information in this manual aids the driver/operator in meeting the objectives found in Chapters 1. Administration, 4; General Requirements; 5. Apparatus Equipped with Fire Pumps; 8. Wildland Fire Apparatus; and 10. Mobile Water Supply Apparatus of NFPA 1002, Standard for Fire Apparatus Driver/Operator Professional Qualifications (2009).

Course Hours: 40

Student Manuals: IFSTA/Brady Pump Apparatus Operator; Jones & Bartlett Fire Service Pump Operator.

Instructor Fee: $2,200.00

Student Prerequisites:
* Eighteen years of age or older on the test date
* Member of an organized Michigan Fire Department or pre-service student through a recognized Michigan Regional Training Center.
* Firefighter I, II, or I & II certified.
* Completed and passed the MFFTC Driver Training Course

Exception: No exceptions.

Mutual Aid Tanker Shuttle (B04A)

This course is designed to give the Fire Fighter a basic understanding of Water Tanker Apparatus construction and function, understanding of loading and unloading methods, construction, pre-fire survey, accessing incident fire flow demand and the design tanker apparatus evolutions to meet incident demand.

Course Hours: 8

Student Manuals: None.

Instructor Fee: $440.00

Student Prerequisites:
* Eighteen years of age or older on the test date
* Member of an organized Michigan Fire Department.
* Firefighter I, II, or I & II certified.
* Completed and passed the MFFTC Driver Training Course

Exception: No exceptions.

VFIS Drivers Training (B05D)

The driver training course includes items which address both the attitude and knowledge of the potential emergency vehicle driver while responding to an emergency as well as an understanding of the emergency vehicle driver's responsibility during non-emergency situations. The MFFTC has approved the VFIS (B05D) & McNeil (B15D) Driver Training curriculum. Driver training instructors must be certified in instructor 1 or Instructor 2 and successfully completed the VFIS Driver's Training Train-the-Trainer course.

Course Hours: 8 classroom hours

Student Manuals: VFIS Driver Training Manual

Instructor Fee: $440.00

Student Prerequisites:
* Eighteen years of age or older on the test date
* Member of an organized Michigan Fire Department or pre-service student through a recognized Michigan Regional Training Center.

Exception: No exceptions.

Instructor Prerequisites: Must have attended the VFIS DT TtT and be authorized by VFIS to teach the course.

Written Test: 25 questions (70% passing score)

Practical Test: Emergency Vehicle Competency Course Administered by Authority Having Jurisdiction.

VFIS Drivers Training Train the Trainer (B05T)

The driver training train the trainer course is required before instructors are authorized to teach the VFIS Driver Training Course (B05D). The train the trainer course is conducted by an instructor authorized by VFIS to conduct their train the trainer. The class includes items which address both the attitude and knowledge of the potential emergency vehicle driver while responding to an emergency as well as an understanding of the emergency vehicle driver's responsibility during non-emergency situations. The MFFTC has approved the VFIS (B05D) & McNeil (B15D) Driver Training curriculum. Driver training instructors must be certified at the certified instructor, certified instructor 1 or Instructor 2 level.

Course Hours: 8 classroom hours

Student Manuals: VFIS Driver Training Manual

Instructor Fee: VFIS has required attendance fees.

Student Prerequisites: * Certified Instructor, Certified Instructor 1 or Certified Instructor 2.

Exception: No exceptions.

VFIS ATV/UTV Drivers Training (B06A)

Utility Terrain Vehicles (UTV) and All-Terrain Vehicles (ATV) have gained wider acceptance and use in both the fire service and EMS. These vehicles can help responders take quick action with less physical exhaustion of department members. These vehicles not only help emergency responders that use them, but also benefit the people served by the emergency service organization. Adding UTVs and ATVs to an ESO fleet can provide great benefits but might also present safety issues if the vehicles have not been properly trained in the operation and maintenance. This safety program was developed to provide refresher training for ESOs that use these types of specialty vehicles.

Course Hours: 8 classroom hours

Student Manuals: VFIS Emergency Services ATV/UTV Safety Program

Instructor Fee: $440.00

Student Prerequisites: * Eighteen years of age or older on the test date
* Member of an organized Michigan Fire Department.
Exception: No exceptions.

Instructor Prerequisites: Must have attended the VFIS DT TtT and be authorized by VFIS to teach the course.

VFIS ATV/UTV Drivers Training Train the Trainer (B06T)

The ATV/UTV train the trainer is required before instructors are authorized to teach the VFIS ATV/UTV Driver Training Course (B06A). The train the trainer course is conducted by an instructor authorized by VFIS to conduct their train the trainer.

Utility Terrain Vehicles (UTV) and All-Terrain Vehicles (ATV) have gained wider acceptance and use in both the fire service and EMS. These vehicles can help responders take quick action with less physical exhaustion of department members. These vehicles not only help emergency responders that use them, but also benefit the people served by the emergency service organization. Adding UTVs and ATVs to an ESO fleet can provide great benefits but might also present safety issues if the vehicles have not been properly trained in the operation and maintenance. This safety program was developed to provide refresher training for ESOs that use these types of specialty vehicles.

Course Hours: 8 classroom hours

Student Manuals: VFIS Emergency Services ATV/UTV Safety Program

Instructor Fee: VFIS has required attendance fees.

Student Prerequisites: * Eighteen years of age or older.
* Member of an organized Michigan Fire Department.
* Certified Instructor, Certified Instructor 1 or Instructor 2
Exception: No exceptions.

VFIS Safe Trailer Operations (B07A)

As a result of many emergency service operational changes, equipment that was never considered is now being moved with increasing frequency. Often this equipment is needed but cannot be carried on traditional vehicles. To meet these demands, emergency services organizations are purchasing trailers to transport equipment. Trailers can solve these organizational issues, yet many departments lack the expertise or training to hook up and move a trailer. This program was developed to teach the emergency vehicle operator the proper techniques and procedures for towing a trailer.

Course Hours: 8 classroom hours

Student Manuals: VFIS Emergency Services Trailer Operations and Safety Program

Instructor Fee: $440.00

Student Prerequisites: * Eighteen years of age or older on the test date
* Member of an organized Michigan Fire Department.
Exception: No exceptions.

Instructor Prerequisites: Must have attended the VFIS DT TtT and be authorized by VFIS to teach the course.

VFIS Safe Trailer Operations Train the Trainer (B07T)

The VFIS Safe Trailer Operations train the trainer is required before instructors are authorized to teach the VFIS Safe Trailer Operations Course (B07A). The train the trainer course is conducted by an instructor authorized by VFIS to conduct their train the trainer.

As a result of many emergency service operational changes, equipment that was never considered is now being moved with increasing frequency. Often this equipment is needed but cannot be carried on traditional vehicles. To meet these demands, emergency services organizations are purchasing trailers to transport equipment. Trailers can solve these organizational issues, yet many departments lack the expertise or training to hook up and move a trailer. This program was developed to teach the emergency vehicle operator the proper techniques and procedures for towing a trailer.

Course Hours: 8 classroom hours

Student Manuals: VFIS Emergency Services Trailer Operations and Safety Program

Instructor Fee: VFIS has required attendance fees.

Student Prerequisites: * Eighteen years of age or older.
* Member of an organized Michigan Fire Department.
* Certified Instructor, Certified Instructor 1 or Instructor 2
Exception: No exceptions.

McNeil & Co Drivers Training (B15D)

The driver training course includes items which address both the attitude and knowledge of the potential emergency vehicle driver while responding to an emergency as well as an understanding of the emergency vehicle driver's responsibility during non-emergency situations. The MFFTC has approved the VFIS (B05D) & McNeil (B15D) Driver Training curriculum. Driver training instructors must be certified in instructor 1 or Instructor 2 and successfully completed the McNeil & Co Driver's Training Train-the-Trainer course.

Course Hours: 8 classroom hours

Student Manuals: McNeil & Co Driver Training Manual

Instructor Fee: $440.00

Student Prerequisites:
* Eighteen years of age or older on the test date
* Member of an organized Michigan Fire Department or pre-service student through a recognized Michigan Regional Training Center.

Exception: No exceptions.

Instructor Prerequisites: Must have attended the McNeil & Co DT TtT and be authorized by McNeil & Co to teach the course.

Written Test: 25 questions (70% passing score)

Practical Test: Emergency Vehicle Competency Course Administered by Authority Having Jurisdiction.

McNeil & Co Drivers Training Train the Trainer (B15T)

The driver training train the trainer course is required before instructors are authorized to teach the McNeil & Co Driver Training Course (B15D). The train the trainer course is conducted by an instructor authorized by McNeil & Co to conduct their train the trainer. The class includes items which address both the attitude and knowledge of the potential emergency vehicle driver while responding to an emergency as well as an understanding of the emergency vehicle driver's responsibility during non-emergency situations. The MFFTC has approved the VFIS (B05D) & McNeil (B15D) Driver Training curriculum. Driver training instructors must be certified at the certified instructor, certified instructor 1 or Instructor 2 level.

Course Hours: 8 classroom hours

Student Manuals: McNeil & Co Driver Training Manual

Instructor Fee: McNeil & Co has required attendance fees.

Student Prerequisites: * Certified Instructor, Certified Instructor 1 or Certified Instructor 2.

Exception: No exceptions.

C Series Courses: Arson Detection / Fire Investigation

Fire Investigation: First Responders (C01D)

This two-day course presents a basic overview of a fire investigation. Students will review the basics of fire chemistry and develop an understanding of the role of the first responder in relation to fire suppression and fire investigation. The course will stress the importance of fire scene awareness, evidence identification, preservation, and the basics of a fire investigation. Students will develop an appreciation of the convergence of suppression, investigation, science, and law.

Course Hours: 16

Student Manuals: *Fire Investigation: First Responders*, National Fire Academy Textbook.

Instructor Fee: $880.00

Student Prerequisites: * Eighteen years of age or older on the test date
* Member of an organized Michigan Fire Department.
Exception: No exceptions.

D Series Courses: Fire Prevention / Community Risk Reduction

Best Practices in Community Risk Reduction (D12A)

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.

At the end of the course, students will be evaluated through a 25-question multiple-choice examination. A final grade will be provided to each student. The minimum score needed to pass is 70.

Course Hours: 16

Student Manuals: *Best Practices in Community Risk Reduction*, National Fire Academy Textbook.

Instructor Fee: $880.00

Student Prerequisites: * Eighteen years of age or older on the test date
* Member of an organized Michigan Fire Department.
Exception: No exceptions.

Building Organizational Support for Community Risk Reduction (D13A)

This two-day course is designed to help fire and emergency services learn what community risk reduction is and how to build organizational support for it. This course will address the challenges that fire departments face in shifting their priorities from response to prevention. In many departments, community risk reduction is still considered a low priority. This course will show you how community risk reduction can help you and your department become more of a community player in times of decreased budgets.

This course includes three units of instruction:

Unit 1: Components of Community Risk Reduction.
Unit 2: Community Risk Reduction as a Service Priority.
Unit 3: Building Organizational Support for Community Risk Reduction.

At the end of this course, students will be evaluated through a 25-question multiple-choice examination. A final grade will be provided to each student. The minimum score needed to pass is 70.

Course Hours: 16

Student Manuals: *Building Organizational Support for Community Risk Reduction*, National Fire Academy Textbook.

Instructor Fee: $880.00

Student Prerequisites: * Eighteen years of age or older on the test date
* Member of an organized Michigan Fire Department.
Exception: No exceptions.

E Series Courses: Fire Officer

NFPA 1021 Fire Officer I (E01C)

The NFPA 1021 Fire Officer I course was developed to meet the minimum and current NFPA 1021 Standards for Fire Officer Professional Qualifications 2020 edition per Michigan Public Act 291 of 1966. The effective date of this course is April 13, 2020. All sections of this course comply with NFPA 1021 Standards for Fire Officer Professional Qualifications 2020 edition, including skill activities that meet the Job Performance Requirements (JPR) in the referenced standard. The textbook for all Fire Officer I courses in Michigan is the Jones and Bartlett (J&B) ***Fire Officer: Principles and Practice, 4th Edition.***

Course Hours: 36

Student Manuals: Jones and Bartlett (J&B) *Fire Officer: Principles and Practice, 4th Edition with J&B Navigate Premier.*

Instructor Fee: $3,850.00

Student Prerequisites:
* Eighteen years of age or older on the test date.
* Member of an organized Michigan Fire Department for 3 years from initial certification.
* Must be certified at the fire fighter II level.
* Must have attended and passed the Instructor I course.

Exception: No exceptions.

NFPA 1021 Fire Officer II (E02C)

The NFPA 1021 Fire Officer II course was developed to meet the minimum and current NFPA 1021 Standards for Fire Officer Professional Qualifications 2020 edition per Michigan Public Act 291 of 1966. The effective date of this course is April 13, 2020. All sections of this course comply with NFPA 1021 Standards for Fire Officer Professional Qualifications 2020 edition, including skill activities that meet the Job Performance Requirements (JPR) in the referenced standard. The textbook for all Fire Officer II courses in Michigan is the Jones and Bartlett (J&B) ***Fire Officer: Principles and Practice, 4th Edition.***

Course Hours: 36

Student Manuals: Jones and Bartlett (J&B) *Fire Officer: Principles and Practice, 4th Edition with J&B Navigate Premier.*

Instructor Fee: $3,025.00

Student Prerequisites:
* Eighteen years of age or older on the test date.
* Member of an organized Michigan Fire Department.
* Member of an organized Michigan Fire Department for 3 years from initial certification.
* Must be certified at the fire fighter II level.
* Must have attended and passed the Instructor I course.
* Must have attended and passed the Fire Officer I course.
* Must have passed the Fire Officer I certification exam.

Exception: Have previously taken and passed Fire Officer I (course codes E01A or E01B).

NFPA 1021 Fire Officer III (E03C) *(Currently Under Development)*

The NFPA 1021 Fire Officer III course was developed to meet the minimum and current NFPA 1021 Standards for Fire Officer Professional Qualifications 2020 edition per Michigan Public Act 291 of 1966. All sections of this course comply with NFPA 1021 Standards for Fire Officer Professional Qualifications 2020 edition, including skill activities that meet the Job Performance Requirements (JPR) in the referenced standard. The textbook for all Fire Officer III courses in Michigan is the Jones and Bartlett (J&B) ***Chief Officer: Principles and Practice, 3rd Edition.***

Course Hours: *Under Development*

Student Manuals: Jones and Bartlett (J&B) *Chief Officer: Principles and Practice, 3rd Edition with J&B Navigate Premier.*

Instructor Fee: *Under Development*

Student Prerequisites:

* Eighteen years of age or older on the test date
* Member of an organized Michigan Fire Department.
* Member of an organized Michigan Fire Department for 3 years from initial certification.
* Must be certified at the fire fighter II level.
* Must have attended and passed the Instructor I course.
* Must have attended and passed the Fire Officer II course.
* Must have passed the Fire Officer II certification exam.

Exception: Have previously taken and passed Fire Officer I and Fire Officer II or Company Officer I & II series (course codes E01A & E02A, E01B & E02B, or O21A) and Fire Instructor I (course codes H07A, H07B, H07C, H07R, or H07V).

F Series Courses: Hazardous Materials

Cargo Tank Training (F06A)

This course was developed for Fire Fighters who respond to hazardous materials incidents involving cargo tanks. This is a hands-on training tool for Fire Fighters to operate the various controls and valves on cargo tanks. This course is taught by MSP Motor Carrier Officers.

Course Hours: 2

Instructor Fee: $110.00

Hazardous Materials First Responder Operations (F12E)

This course is designed for public service emergency response personnel who respond to releases or potential releases of hazardous substances as part of the initial response to the site for the purpose of protecting nearby persons, property, or the environment for the effects of the release.

Course Hours: 24

Student Manuals: IFSTA/Brady *Essentials of Fire Fighting and Fire Department Operations, 7th Edition*; Jones & Bartlett *Fundamentals of Fire Fighter Skills, 4th Edition.*

Instructor Fee: $1,320.00

G Series Courses: Health and Safety

VFIS Traffic Incident Management (G03A)

The VFIS Traffic Incident Management (TIM) program is approved by the Federal Highway Administration as SHRP2 equivalent (National TIM program) where participants may obtain SHRP2 certificates following successful completion of this course. This TIM program is designed to help emergency responders minimize the risk of responding on or near a highway by understanding the elements of a safe work zone and recognizing the potential hazards in operating on or near a highway. The program covers a variety of items, including the need for advanced warning, apparatus positioning and placement, multi-agency communication, scene lighting, retro-reflective and fluorescent personal protective equipment and coordination of on-scene apparatus and personnel.

Course Hours: 8

Instructor Fee: $440.00

Instructor Prerequisites: Must have attended the VFIS TtT and be authorized by VFIS to teach the course.

VFIS Traffic Incident Management Train the Trainer (G03T)

The VFIS Traffic Incident Management train the trainer is required before instructors are authorized to teach the VFIS Traffic Incident Management Course (G03A). The train the trainer course is conducted by an instructor authorized by VFIS to conduct their train the trainer.

The VFIS Traffic Incident Management (TIM) program is approved by the Federal Highway Administration as SHRP2 equivalent (National TIM program) where participants may obtain SHRP2 certificates following successful completion of this course. This TIM program is designed to help emergency responders minimize the risk of responding on or near a highway by understanding the elements of a safe work zone and recognizing the potential hazards in operating on or near a highway. The program covers a variety of items, including the need for advanced warning, apparatus positioning and placement, multi-agency communication, scene lighting, retro-reflective and fluorescent personal protective equipment and coordination of on-scene apparatus and personnel.

Course Hours: 8

Instructor Fee: VFIS has required attendance fees.

Instructor Prerequisites: Must have attended the VFIS DT TtT and be authorized by VFIS to teach the course.

NFFF Stress First Aid (G04A)

Stress First Aid (SFA) is a flexible set of tools used to care for stress reactions in firefighters and rescue personnel. Unlike other acute stress management procedures, SFA was designed specifically to support firefighters and rescue personnel. The goal of SFA is to restore health and readiness after a stress reaction. SFA is a toolkit that emphasizes the importance of continuously monitoring the stress of fire and rescue personnel and to quickly recognize and appropriately help individuals who are reacting to stress and are in need of interventions to promote healing.

SFA monitors the progress of recovery to ensure a return to full-function. SFA fosters strong leadership and unit cohesion. SFA is individualized to meet the needs of each person in each context; there are no one-size-fits-all SFA solutions.

Course Hours: 4

Instructor Fee: $440.00 using two instructors ($220.00 using one instructor)

Instructor Prerequisites: Must have attended the National Fallen Firefighters TtT and be authorized by NFFF to teach the course.

NFFF Stress First Aid Train the Trainer (G04T)

The NFFF Stress First Aid train the trainer is required before instructors are authorized to teach the NFFF Stress First Aid Course (G04A). The train the trainer course is conducted by an instructor authorized by the NFFF to conduct their train the trainer. Stress First Aid (SFA) is a flexible set of tools used to care for stress reactions in firefighters and rescue personnel. Unlike other acute stress management procedures, SFA was designed specifically to support firefighters and rescue personnel. The goal of SFA is to restore health and readiness after a stress reaction. SFA is a toolkit that emphasizes the importance of continuously monitoring the stress of fire and rescue personnel and to quickly recognize and appropriately help individuals who are reacting to stress and are in need of interventions to promote healing.

SFA monitors the progress of recovery to ensure a return to full-function. SFA fosters strong leadership and unit cohesion. SFA is individualized to meet the needs of each person in each context; there are no one-size-fits-all SFA solutions.

Course Hours: 4

Instructor Fee: $440.00 using two instructors ($220.00 using one instructor)

Incident Safety Officer (G06B)

This course is an incident-specific; scene-oriented course designed to teach what a Safety Officer at an incident needs to know, using scenarios to convey instructional points. This two-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.

Course Hours: 16

Instructor Fee: $880.00

Fire Service Safety Culture: Who Protects Firefighters from Firefighters? (G07A)

This two-day course is designed to assist emergency services personnel in defining and advocating organizational change within the fire service relating to safety.
Topics include:

- Safety and risk cultures within organizations.
- Influences on safety culture and risk categories.
- Concepts, goals, and processes of risk management.

The course incorporates facilitated student-centered methodologies including lecture, small and large group activities, and individual assessments.

Course Hours: 16

Instructor Fee: $880.00

Courage to Be Safe (G11A)

This course is a provocative and moving presentation by the National Fallen Firefighters Foundation, through the Everyone Goes Home® Program, that is designed to change the culture of accepting the loss of firefighters as a normal occurrence.
Building on the untold story of line of duty death survivors, it reveals how family members must live with the consequences of a firefighter death. This presentation provides a focus on the need for firefighters and officers to change fundamental attitudes and behaviors in order to prevent line of duty deaths. The central theme promotes the courage to do the right thing in order to protect yourself and other firefighters and ensure that "Everyone Goes Home" at the end of the day.
Firefighters must have the courage to face a multitude of risks in order to save lives and protect their communities. Their courage allows them to willingly risk their own lives so that others can be saved. A different type of courage is required to stay safe in potentially dangerous situations, avoiding needless risks and tragic consequences.

A Train the Trainer course must be attended before an instructor may instruct this course.

Course Hours: 4

Instructor Fee: $220.00

Instructor Prerequisites: Must have attended the National Fallen Firefighters TtT and be authorized by NFFF to teach the course.

Courage to Be Safe Train the Trainer (G11T)

The NFFF Courage To Be Safe train the trainer is required before instructors are authorized to teach the NFFF Courage To Be Safe Course (G11A). The train the trainer course is conducted by an instructor authorized by the NFFF to conduct their train the trainer.

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Course Hours: 4

Leadership, Accountability, Knowledge, and Culture LACK (G12A)

Is your department on the path to a LODD? This compelling presentation by the National Fallen Firefighter Foundations examines the root causes of LODD's and the role of Leadership, Accountability, Culture and Knowledge as it influences the end result. Many fire departments across the United States "LACK the Right Stuff" to prevent them from being on a path to a line of duty death, with Leadership, Accountability, Culture and Knowledge being the elements that need to be addressed and managed in those environments. Through education and training, those departments can improve their survivability by understanding the root causes of firefighter fatalities and tackling these four elements with special emphasis on understanding fire service culture.

Course Hours: 4

Instructor Fee: $220.00

Instructor Prerequisites: Must have attended the National Fallen Firefighters TtT and be authorized by NFFF to teach the course.

Leadership, Accountability, Knowledge, and Culture LACK Train the Trainer (G12T)

The NFFF Leadership, Accountability, Knowledge, and Culture (LACK) train the trainer is required before instructors are authorized to teach the NFFF Leadership, Accountability, Knowledge, and Culture (LACK) Course (G12A). The train the trainer course is conducted by an instructor authorized by the NFFF to conduct their train the trainer.

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Course Hours: 4

Leadership So Everyone Goes Home (G14A) (New 6/8/2021)

A course of the Everyone Goes Home® Program of the National Fallen Firefighters Foundation designed to assist in the reduction of LODDs utilizing a series of case studies. Each study will include what happened, why it happened, what could have avoided it, were safety measures available and used, and how can we prevent this in the future. The benefit of this program is the review of cultural change or adaptive challenge, rather than just enacting a technical fix, which in most cases does not work. A great program for senior fire officers and administrative officers. This is learning from actual incidents!

Leadership So Everyone Goes Home is a four-hour program designed to assist the chief level officer to define the tools to identify:

1. Issues that could lead to a line of duty death or serious injury,
2. How the death/injury occurred,
3. How it could have been prevented,
4. What steps should a fire department take to reduce the possibility of experiencing this action and outcome.

This program is specifically designed for the more senior level fire officers who have had opportunities to be command officers at a wide variety of emergency incidents, including fires and hazardous materials responses. Utilizing case studies, the learning objectives become more real to life and the possibility of changing the organizational culture to reduce the possibility of deaths and injuries in the future.

Course Hours: 4

Instructor Fee: $220.00

Instructor Prerequisites: Must have attended the National Fallen Firefighters TtT and be authorized by NFFF to teach the course.

Attributes of Leading (G16A) (New 6/8/2021)

Attributes of Leading is a highly interactive, practical, case study-based course. The format is 6 hours in length and best delivered to audiences of no more than 12 attendees. The program focuses on six qualities of leading: Competence, Constructive Influence, Grit, Humility, Presence, Resilience, Self-Mastery, Self-Regulation, Stepping Up, Trust, Vigilance, and Being Well. Attributes of Leading is designed to build more effective fire service leaders of all ranks. Through a process of view, review, introspection, and discussion, the program seeks to stimulate leaders to focus on qualities that constructively influence members regarding overall performance, health and safety. Short videos for each attribute featuring firefighters and officers from across the country, as well as thoughtful words from the late Chief Alan Brunacini and other fire service leaders are used to stimulate discussion. The direct delivery version takes attendees through six of the twelve attributes.

Course Hours: 6

Instructor Fee: $330.00

Instructor Prerequisites: Must have attended the National Fallen Firefighters TtT and be authorized by NFFF to teach the course.

H Series Courses: Instructor Development

MFFTC Instructor Orientation (H04A)

This course covers MFFTC Structure and Services and FFTD Administrative Policies and Procedures, which an instructor must be knowledgeable in. This segment will provide an understanding of the course structure and materials that will be used during the course presentation and practical skills training.

Course Hours: 4.5

Instructor Fee: $247.50

NFPA 1041 Instructor I (H07C)

This NFPA 1041 Fire Instructor I course was released on March 1, 2020. This NFPA 1041 Fire Instructor I course minimally meets all objectives and JPR's in the 2019 edition of NFPA 1041. The textbook used for the current NFPA 1041 Fire Instructor I course is the Jones & Bartlett ***Fire and Emergency Services Instructor 3rd Edition*** and instructors, and students will use the J&B Navigate online learning platform during the 40 hours course***.*** Significant student preparation and homework completion is required prior to the first day of class. This course requires two instructors who are certified by the FFTD to teach the course. The instructor must attend a Train the Trainer to be authorized to teach this course. This course includes the instructor orientation segment which is to be taught by a MFFTC Training Coordinator on day 4 after the written exam is administered. The course is limited to 16 students per course.

Student Manuals: Jones and Bartlett (J&B) *Fire and Emergency Services Instructor: Principles and Practice, 3rd Edition with J&B Navigate Advantage Access.*

Student Prerequisites:
* Eighteen years of age or older on the test date.
* Member of an organized Michigan Fire Department for 3 years from initial certification.
* Must be certified at the fire fighter II level.

Course Hours: 40

Instructor Fee: $4,400.00 using two instructors (must use two instructors)

Instructor I Train the Trainer (H07T)

This course is designed to instruct the educator on the preliminary setup, structure and evaluation of the course to create consistency in the instructor course throughout the state.

Pre-requisite: Must have taken and passed the Instructor I course and be certified at the Instructor II level.

Course Hours: 4

Instructor Fee: $0

Training Operations in Small Departments (H14A)

This two-day course is designed to provide students with some basic tools and skills to coordinate training in a small fire/EMS organization. A training function in a smaller department typically may include conducting training drills and coordinating training with a nearby larger city or state training function. Course content includes:

- Leadership issues in fire service training, such as why and how the local training officer must be a catalyst for change and personal motivators within the department.
- Identifying the legal issues affecting the training function, including an understanding of a standard of care and the impact of Occupational Safety and Health Administration and National Fire Protection Association standards.
- Safety considerations in training.
- Marketing training internally.
- Identifying ways to justify training needs.
- Resolving training conflicts using appropriate conflict resolution techniques.
- Selecting and evaluating training curricula and materials from outside sources.
- Effective delivery and evaluation of training.

Course Hours: 16

Instructor Fee: $880.00

I Series Courses: Manager & Supervisor Development

Intermediate ICS for Expanding Incidents ICS-300 (I15B) (updated March 2020)

This course is designed for those emergency response personnel who would function in a Command or General Staff position during a large, complex incident or event. Or those personnel who are or would likely be part of a local or regional Incident Management Team during a major incident, whether single agency, multiagency or Unified Command.

Course Hours: 24

Instructor Fee: $2,640.00 using 2 instructors.

Advanced ICS Command and General Staff - Complex Incidents ICS-400 (I16B) (updated March 2020)

This course is designed for those emergency response personnel who would function as part of an Area Command, Emergency Operations Center, or Multiagency Coordination System during a large, complex incident or event. Or those personnel who are or would likely be part of a local or regional Incident Management Team during a major incident, whether single agency, multiagency or Unified Command.

Course Hours: 16

Instructor Fee: $1,760.00 using 2 instructors.

Shaping the Future (I20A)

This two-day course is designed to assist first- and second-level supervisors and Company Officers (COs) in developing knowledge and skills in contemporary approaches to organizational problem-solving. Topics include use of creative approaches to identifying trends within their organizations; applying problem-solving methodologies; the importance and application of continuous improvement within organizations; how to quantify problems and solutions; factors in organizational and individual resistance to change; and strategies for implementing change. The course incorporates facilitated, student-centered methodologies, including lecture, small and large group activities, and individual assessments.

Course Hours: 16

Instructor Fee: $880.00

Leadership in Supervision: Creating Environments for Professional Growth (I30A) **(approved 10-27-2017)**

This two-day course presents the supervisory with the basic leadership skills and tools needed to perform effectively in the fire service environment. The course includes concepts related to a successful transition to supervisory and leadership roles, including concepts of adaptive leadership; change management; active followership; effective communication, including difficult conversations and advocacy-inquiry based dialogue; ethics; authority; power; decision-making; and active engagement through development of a personal plan.

Course Hours: 14

Instructor Fee: $770.00

Leadership in Supervision: Perspectives in Thinking (I31A)

(approved 10-27-2017)

This two-day course provides the supervisor with the conceptual foundation and framework for success in leadership roles by exploring creative, analytical, political and critical thinking perspectives. The course addresses skills needed for assessing situations from multiple perspectives, making critical decisions, fostering creativity and innovation, and using persuasion.

Course Hours: 14

Instructor Fee: $770.00

Leadership in Supervision: Frameworks to Success (I32A)

(approved 10-27-2017)

This two-day course provides the supervisor with the knowledge and skills to perform successfully in the fire and Emergency Medical Services environments. The course addresses professionalism, resilience, emotional intelligence, and situational awareness, as well as managing conflict, delegating mentoring, coaching, empowering, and building collaboration and synergy for professional growth.

Course Hours: 14

Instructor Fee: $770.00

K Series Courses: Rescue

Vehicle Extrication (K01B)

This course is designed to provide Fire Fighters with a better understanding of the current techniques available for the swift extrication of victims from a variety of vehicle entrapments.

Course Hours: 14

Instructor Fee: $880.00

Advanced Vehicle Stabilization (K02A)

This course is designed to provide Fire Fighters with a better understanding of the current techniques available for the swift extrication of victims from a variety of vehicle entrapments.

Course Hours: 6

Instructor Fee: $330.00

Agriculture Machine Rescue (K05A)

Agriculture is one of the most dangerous industries in America. Each year, needless injuries and deaths occur to farmers, family members, farm employees, and rescue personnel. Emergency responders often lack knowledge of the nature of farm machinery, chemicals, and farm structures; in addition, some rescue techniques may actually increase the risk to the victim and rescue personnel. Training and education in the methods of farm/rural rescue are essential for proper response and safety of the rescuer and patient. The main goal of the **National Farmedic Training Program** developed by Cornell University is to provide rural fire/rescue responders with a systematic approach to farm rescue procedures that address the safety of both patients and responders. Attending the McNeil & Associates Farm Medic Train the Trainer is required to be able to teach this class.

Course Hours: 16

Instructor Fee: $1,760.00 using 2 instructors

Elevator Training (K10B)

The intent of this course is to provide Fire Fighters with information on how elevators are constructed, and operate, how to use an elevator key to unlock entry door, who to contact in case of an elevator emergency, and safety tips.

Course Hours: 8

Instructor Fee: $440.00

Confined Space Rescue (K15A)

This 24 hour program meets the NFPA 1670 requirements for members of an organization providing confined space rescue at an awareness and operations level. The program meets and exceeds the knowledge, skills, and abilities requirements of the NFPA 1006 Level 1 Technical Rescuer (Confined Space Rescue) section.
Course Content:
Awareness Level

- Recognize the need for confined space search and rescue.
- Initiate contact and establish communications with victims where possible.
- Recognize and identify the hazards associated with non-entry confined space emergencies.
- Recognize confined space.
- Perform a non-entry retrieval.
- Implement the emergency response system for confined space emergencies.
- Implement site control and scene management.
- Operations Level (Confined Space Rescue Level 1).
- Conduct monitoring of the environment.
- Prepare for entry into the confined space.
- Enter a confined space.
- Package the victim for removal from a confined space.
- Remove all entrants from a confined space.

Course Hours: 32

Instructor Fee: $1,760.00

Rope Rescue Operations (K16A)

This 40-hour program exceeds the capabilities required in NFPA 1670 for an Operations level team.

This is a hands-on, practical course specifically designed to address the needs of fire and rescue agencies which may be called upon to perform rope based rescues from above or below grade including the rescue of workers suspended on fall arrest as well as in support of operations at confined space, trench and structural collapse rescue incidents.

While the emphasis is on working as a team to complete the rescues, there are numerous individual skills are critical to that success. Throughout the program there is a strong emphasis on basic skills and safety. There fundamentals are important, not just for class, but as a foundation for all future rope rescue training. Each of the techniques presented has been tested and proven; and some will be proven again as a part of the program, especially in the belay workshop. After successfully completing the course, participants are able to work safely at rope rescue incidents, operate the commonly used systems (lower, raise and belay) and be familiar with the techniques used for the typical rope rescue incidents.

Course Hours: 40

Instructor Fee: $2,200.00

Trench Rescue Awareness and Operations (K17A)

This 24-hour program meets the NFPA 1670 requirements for members of an organization providing trench rescue at an awareness and operations level.
The program meets and exceeds the knowledge, skills, and abilities requirements of the NFPA 1006 Level 1 Technical Rescuer (Trench Rescue) section.
Course Content:
Awareness Level

- Recognize the need for a trench and excavation rescue.
- Identify the resources necessary to conduct safe and effective trench and excavation emergency operations.
- Initiate the emergency response system for trenches and excavations.
- Initiating site control and scene management.
- Recognize general hazards associated with trench and excavation emergency incidents and the procedures necessary to mitigate these hazards within the general rescue area and recognizing the unique hazards associated with the weight of soil and its associated entrapping characteristics.
- Recognize typical trench and excavation collapse patterns, the reasons trenches and excavations collapse, and the potential for secondary collapse.
- Initiate a rapid, non-entry extrication of non-injured or minimally injured victim(s).
- Operations Level (Trench Rescue Level 1).
- Conduct a size-up of a collapsed trench.
- Implement a trench emergency action plan.
- Implement support operations at trench emergencies.
- Support a non-intersecting straight wall trench of 8 ft or less.
- Release a victim from soil entrapment by components of a nonintersecting collapsed trench of 2.4 m (8 ft) or less in depth.
- Remove a victim from a trench.
- Disassemble support systems (sheeting/shoring) at a trench emergency incident.

Course Hours: 24

Instructor Fee: $1,320.00

Trench Rescue Technician (K18A)

The course includes eight hours of intense didactics (classroom). Designing trench rescue shoring systems is an art that must be based on science. The problem is that most rescuers and most “so called” rescue instructors do not understand the basic science that is involved. Knowing how to calculate the potential soil forces and shoring system strength is paramount to both victim and rescuer safety. Many rescue shoring systems being taught today have been designed without scientific data. In most cases rescuers are left to rely on luck and memory of rote system learning.

The MUSAR Training Foundation’s Trench rescue technician course teaches the participants to apply critical thinking and system analysis skills to design and install rescue shoring systems in trenches and excavations. Students will participate in shoring system testing that will take walers, panels and strong-backs to failure. This destructive testing will provide a new level of understanding of trench shoring and will aid the technicians in developing and installing systems that provide calculated safety margins.

Course Hours: 24

Instructor Fee: $1,320.00

Structural Collapse Rescue Technician (K19A)

This program meets the objectives of the National Fire Protection Association (NFPA 1670 and 1006). MUSAR Collapse Rescue training programs are being used in all of the state regions that have been mandated, by the Michigan Department of Homeland Security, to develop urban search and rescue capabilities. The use of MUSAR collapse programs provides standardized response capabilities throughout the three largest urban areas in our state. Those regions are Region One (Lansing area), Region Two (Detroit area) and Region Six (Grand Rapids area).

Based on a response system of local, mutual aid, regional and state assets that are commonly used in Michigan, the collapse rescue team duties and techniques taught in this class are recognized and widely accepted as the “best practices” across the state. This allows rescuers from inter-county, regional and state response systems to work safely and efficiently at collapse rescue incidents.

The “pneumatic shoring recovery” plan was developed from Michigan-specific structural collapse incidents (tornado in Springfield Township, explosion in Flint, explosion in Wayne). These methods and techniques taught in the Technician course have become the standard for collapse rescue teams throughout the state.

The MUSAR Training Foundation continues to work closely with MI-OSHA to provide training on updated procedures for safety concerns that are found at rescue scenes throughout the state of Michigan. Since Michigan is not a Federal OSHA state many of these “Michigan Specific” methods are not found in any other collapse rescue training curriculum.

Course Hours: 80

Instructor Fee: $4,400.00

L Series Courses: Suppression

Firefighting Strategies and Tactics (L04A)

This course begins with a history of firefighting and the reasons that it has evolved throughout the years. It is followed by background information necessary to make effective fire ground decisions. The next two chapters include information on fire dynamics and extinguishing agents. The next six chapters deal with concepts common to all incidents including incident management systems, command and control considerations, firefighter safety, company operations, built-in fire protection, and considerations for after the incident. The second half of the course provides the reader with information necessary to apply the common concepts for specific occupancies to include, one-and two-family dwellings, multifamily dwellings, commercial occupancies, places of assembly, high-rise structures, vehicle fires, wildfires, and basic information for special fires. The final chapter allows the reader to apply the concepts to written scenarios.

This course is equivalent to the Managing Company Tactical Operations-Preparing/Decision/Strategies and Tactics for Initial Company Operations series (MCTO-P, MCTO-T and STICO) and can be used as a prerequisite for the Company Officer.

Course Hours: 45

Instructor Fee: $2,475.00

Preparation for Initial Company Operations (L05B)

PICO is designed to provide a basic foundation for the management of one or more companies operating at a structural fire emergency. The focus of these five units is a review of basic concepts and development of proficiency in critical skills. Key content includes Roles and Responsibilities, Readiness, Communication, Building Construction and Fire Behavior factors, and Pre-incident Preparation.

The three courses listed below **must be** taken in the sequence indicated below. Course sponsors, course managers, and instructors are requested to strictly enforce this requirement.

1. PICO (replaces MCTO:P)
2. DMICO (replaces MCTO:D)
3. STICO (replaces MCTO:T)

Course Hours: 16

Instructor Fee: $880.00

Decision Making for Initial Company Operations (L06B)

This two-day course 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. 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 COs 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, the CO may well be assigned a subordinate position within the Incident Command System organization. COs need to have a clear understanding of the system, the position that they are assigned to, and their role in the organization if they are to function effectively and help make the system work.

The three courses listed below **must be** taken in the sequence indicated below. Course sponsors, course managers, and instructors are requested to strictly enforce this requirement.

1. PICO (replaces MCTO:P)
2. DMICO (replaces MCTO:D)
3. STICO (replaces MCTO:T)

Course Hours: 12

Instructor Fee: $660.00

Strategy and Tactics for Initial Company Operations (L08A)

This course 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.

The MCTO series MUST be taken in the sequence indicated below. Course sponsors, course managers, and instructors are requested to strictly enforce this requirement.

1. PICO (replaces MCTO:P)
2. DMICO (replaces MCTO:D)
3. STICO (replaces MCTO:T)

Course Hours: 16

Instructor Fee: $880.00

Chimney Fire Suppression (L10A)

This course was designed to give Fire Fighters information on the history of wood burning, chimney construction, and woodstove clearances. It also includes a discussion on fuels, a segment on the use of wood burning stoves, and suppression techniques for use on chimney fires.

Course Hours: 3

Instructor Fee: $165.00

Incident Command System and Resource Management for the Fire Service (L13B)

This two-day program provides students with an understanding of the Incident Command System (ICS) and resource management for the fire service and their application in both emergency and nonemergency situations. This course addresses the need for an ICS, an overview of the structure and flexibility of ICS, and an understanding of the command skills necessary to function effectively in an ICS structure, and the need to effectively manage your resources. This course meets the requirements of ICS-100 and ICS-200.

Course Hours: 14

Instructor Fee: $770.00

Liquid Propane Gas Emergencies (L16A)

This course is designed to help the fire service develop the knowledge and skills necessary to manage a propane emergency safely and effectively. It is based upon nationally recognized engineering practices and recommended operating practices.

Instructional Hours: 5

Instructor Fee: N/A. Covered by the Michigan Propane Gas Association.

Introduction to Wildland Fire Suppression (L25B)

This course is specifically designed for the inexperienced Fire Fighters or for Fire Fighters with previous experience and training that need reinforcement of existing knowledge. This course will provide the basic training needed to make a safe, effective initial attack on smaller "forest fires" in Michigan.

Instructional Hours: 7

Student Manuals: *Introduction to Wildland Fire Suppression*

Student Handouts: *Incident Response Pocket Guide*
Wildland Fire Management incident Management Field Guide

Instructor Fee: $315.00

Wildland Fire Behavior S-190 (L26A)

This course is designed to train Fire Fighters in the basic fire behavior factors that will aid them in the safe and effective control of wildland fires.

Instructional Hours: 6

Student Handouts: *Incident Response Pocket Guide*
Wildland Fire incident Management Field Guide

Instructor Fee: $385.00

Wildland Fire Fighter S-130 (L27B)

This course is designed to train Fire Fighters in the basic fire behavior factors that will aid them in the safe and effective control of wildland fires.

Instructional Hours: 22

Student Handouts: Incident Response Pocket Guide
Wildland Fire Management incident Management Field Guide

Instructor Fee: $1,210.00

Wildland Urban Interface S-215 (L28B)

This course is designed to meet the training needs for initial attack Incident commanders and Company Officers confronting wildland fire that threatens life, property and the environment.

Instructional Hours: 24

Student Handouts: Incident Response Pocket Guide
Wildland Fire Management incident Management Field Guide

Instructor Fee: $1,320.00

Assessing Wildfire Hazards in the Home Ignition Zone (L31A)

Wildland fire is a threat in virtually every part of the United States. NFPA's 2-day Home Ignition Zone workshop is designed to (1) provide reference material and basic knowledge, (2) increase an understanding and competency in wildland/urban interface fire mitigation, (3) assist wildfire mitigation and prevention professionals, regardless of organizational affiliation, in assessing risks to individual homes in wildland, forested, or grassland areas, and (4) encourage and prepare residents and homeowner associations to participate in Firewise Communities/USA® Recognition Program.

Instructional Hours: 16

Instructor Fee: $880.00

Wildland Crew Boss (Single Resource) S-230 (L32A)

This is a classroom course designed to produce student proficiency in the performance of duties associated with the single resource boss position from initial dispatch through demobilization to the home unit. Topics include operational leadership, preparation and mobilization, assignment preparation, risk management, entrapment avoidance, safety and tactics, offline duties, demobilization, and post incident responsibilities.
This course is presented by Michigan DNR and/or USFS Forest Fire Officer instructors.

Course Objectives:

- Describe crew boss responsibilities prior to and during mobilization, on the incident, and during demobilization.
- Identify the hazards and risks on various incidents and describe how to mitigate them.
- Describe tactics which are appropriate to various wildland fire situations and procedures to implement them through the chain of command.

Instructional Hours: 26

Instructor Fee: $1,430.00

Wildland Engine Boss (Single Resource) S-231 (L33A)

This is a skill course designed to produce student proficiency in the performance of the duties associated with engine boss, single resource (ENGB). Topics include engine and crew capabilities and limitations, information sources, fire sizeup considerations, tactics, and wildland/urban interface.
This course is presented by Michigan DNR and/or USFS Forest Fire Officer instructors.

Course Objectives:

- Perform the tasks of an engine boss in making the tactical decisions required to safely manage an engine on an incident.

Instructional Hours: 16

Instructor Fee: $880.00

Intermediate Wildland Fire Behavior S-290 (L34A)

This is a classroom-based skills course designed to prepare the prospective fire line supervisor to undertake safe and effective fire management operations. It is the second course in a series that collectively serves to develop fire behavior prediction knowledge and skills. Fire environment differences are discussed as necessary; instructor should stress local conditions.
This course is presented by Michigan DNR and/or USFS Forest Fire Officer instructors.

Course Objectives:

- Identify and describe the characteristics of fuels, weather, and topography that influence wildland fire behavior.
- Describe the interaction of fuels, weather, and topography on wildland fire behavior, fire line tactics, and safety.
- Describe the causes of extreme fire behavior conditions (long range spotting, crowning, and fire whirls) that develop due to weather, fuels, and/or topography.
- Interpret, communicate, apply, and document wildland fire behavior and weather information.

Instructional Hours: 37

Instructor Fee: $2,035.00

Task Force / Strike Team Leader S-330 (L35A)

This course is designed to meet the training requirements outlined in the PMS 310-1, Wildland Fire Qualification System Guide and the position task books developed for the positions of task force leader and strike team leader. Most examples and exercises in this package are specific to wildland fire suppression, although some all-hazards exercises are included.
This course is presented by Michigan DNR and/or USFS Forest Fire Officer instructors.

Course Objectives:

- Demonstrate the ability to apply the Risk Management Process found in the Incident Response Pocket Guide (IRPG) to various incidents.
- Identify and describe the responsibilities of a Task Force/Strike Team Leader (TFLD/STL).
- Demonstrate the ability to apply appropriate tactics with assigned resources organized into strike teams or task forces.

Instructional Hours: 23

Instructor Fee: $1,265.00

Tactical Decision Making in Wildland Fire S-336 (L36A)

This course is designed to meet training requirements in the Operations Section of the Incident Command System. Examples and exercises in this package are specific to wildland fire suppression.
This course is presented by Michigan DNR and/or USFS Forest Fire Officer instructors.

Course Objectives:

- Develop the knowledge and practice in decision making necessary to effectively apply wildland fire suppression tactics.
- Develop the tools for leadership in applying and teaching appropriate fire suppression tactics at their home unit.

Instructional Hours: 34

Instructor Fee: $1,870.00

Initial Attack Incident Commander S-200 (L37A) (New 4/13/2021)

This course is designed to meet the training needs of the incident commander type 4 (ICT4). It is presented in a discussion/exercise format. The six instructional units include Foundation Skills; Intelligence Gathering and Documentation; Size Up the Incident; Develop a Plan of Action; Post-fire Activities; Evaluating Incident Objectives and Manage the Incident. Evaluation of the student is by unit tests and performance-based evaluations.

Course Objectives:

- Demonstrate effective foundation skills (leadership, risk management, and communications) at the ICT4level.
- Gather and document essential information about the incident.
- Size up the incident, develop plan of action.
- Manage the incident through effective leadership.
- Demonstrate the ability to evaluate plan of action and make adjustments to the plan when necessary.
- Conduct post-fire activities.

Instructional Hours: 16

Instructor Fee: $880.00

Wildland Fire Observations and Origin Scene Protection for First Responders FI-110 (L38A) (New 4/13/2021)

The primary emphasis of this course is to teach sound wildland fire observations and origin scene protection practices that enable first responders to a wildland fire scene to perform proper origin scene protection procedures. The course is presented by short lectures, electronic presentations, exercises, and class discussion.

Course Objectives:

- List various causes of wildland fires and their cause indicators.
- Perform the basic procedures and techniques needed to provide witness/observer information to fire investigators.
- Identify and protect wildland fire origin areas.

Instructional Hours: 6

Instructor Fee: $330.00