

Q Course Catalog

	Course Name	Authorized Instructor(s)	Course Description	Contact Info	Meeting Date/Motion
Q01B	Fire Chief 101	Fire Mark Advantage	Through interactive modules attendees will learn from and share in the experiences of many fire chiefs. Some of the topics covered in this lecture/discussion format include: purchasing, budgeting, planning, SOPs, fire organizations, insurance/ISO, laws/liability, leadership, ethics, media, MIOSHA, mutual aid, personnel, reporting, and training. Fire Chief 101 is a course designed to assist fire chiefs in managing today's modern fire service. This program is endorsed by the Michigan Fire Chiefs Association. Who should attend? The course is for new chiefs, progressive chiefs, staff officers, "fast track" firefighters, elected officials, and fire board members.	231-206-5372 nsfdchief1@msn.com	17-2-024
Q01C	The Professional Volunteer Fire Department	Thomas Merrill	Being a professional firefighter has nothing to do with earning a paycheck but has everything to do with attitude, commitment, and dedication. This program includes how to approach the job, how to prepare and train, how to take care of equipment, and how to treat the public and fellow fire service personnel both on and off duty.	tamerrill63@aol.com	19-10-06
Q02A	Ice Rescue	Michigan Rescue Concepts	All Michigan Rescue Concept training courses are NFPA 1670 compliant for water rescue standards. Classes are one or two days and include classroom and practical portions. Personnel are certified after successful completion of course and final exam.	www.michiganrescueconcepts.com	14-12
Q02B	Ice Rescue 2	Michigan Rescue Concepts	This course is intended to further develop skills covered in the Level I class. Sub-surface recovery, multiple victim rescue, scene assessment and application skills for multiple scenarios are covered in great detail.	www.michiganrescueconcepts.com	
Q02C	Ice Rescue	Dive Rescue International	This class introduces students to the topics of ice hazards and formation, equipment selection, medical considerations, and the application of proven rescue methods and techniques.	ernie.close@att.net	
Q02D	Midwest Fire Tactics Training: Surface Ice Rescue Training	Midwest Fire Tactics & Training	This class covers: Overview of Ice Rescue; Understanding and operating in the aquatic environment; Establishing public safety guidelines through development of accurate public educational materials; Treatment, handling, and understanding cold water victims; The emotional element of rescues and how it affects the rescuer; Equipment for ice rescue, needs versus wants, and understanding its limitations; Pre-planning operations, mutual aid, and different levels of response; Scene management, size up, and carrying out operational plans; Application of classroom knowledge through in class final exam using video scenarios; Field training and victim scenarios utilizing ice rescue equipment to conduct; self-rescues, throw rescues, craft rescues, and how to handle and remove multiple patients in the water; Debriefing and establishing class goals for instituting appropriate SOP/SOG, equipment, and training at students' home departments.	Midwest Fire Tactics and Training, 906-290-0407	2/9/2021
Q02F	Ice Rescue: Staying Safe on Frozen Waters	Don Middleton	This course is designed to provide emergency personnel with the knowledge to perform ice water rescue. There will be lecture presentations and practical evolutions. Lessons will include size up, equipment, techniques, and patient care. This course follows NFPA 1670, 1006, and 1952. Participants who complete this course will be certified as Ice Rescue Technician.	Don Middleton dfmiddle@yahoo.com	24-10-06
Q02E	Ice Rescue	Michael Brandt	This 1 day class is designed to teach first responders on how to respond to, and carry out surface ice rescue. Items that will be covered in both lecture and practical evolutions are: Hazards, equipment, medical considerations, and rescue techniques for victims who have fallen through the ice or in a cold water environment. Successful completion of this course will be measured by rescue skills scenarios performed on the ice and in cold water.	734-231-6678; mjbrandt702@aol.com	12/1/2023
Q03B	Michigan Agricultural Accident Rescue Systems	Rural Rescue	The Michigan Agricultural Accident Rescue Systems Operations course is a comprehensive farm accident rescue course based on real life agricultural accidents. Currently, no training is required of emergency responders for dealing with agricultural accidents however; specialized training and experience is vital for developing effective response and management of agricultural accident scenes.	http://www.ruralrescue.com	16-12-003
Q03C	Managing Farm Emergencies	ESRT Inc. Instructors	NFPA 1670 Operations level training for farm tractor and machinery related emergencies.	https://www.esrttagrescue.org/	
Q03D	Advanced MAARS	Rural Rescue	The Michigan Agricultural Accident Rescue Systems Operations course is a comprehensive farm accident rescue course based on real life agricultural accidents. Currently, no training is required of emergency responders for dealing with agricultural accidents.	http://www.ruralrescue.com	18-2-018

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Q03E	Managing Rural Water Supply	Eric Abbott & Ted Lilley	Fires in rural areas with limited, or no municipal water supply systems create unique challenges that require preparation in training, apparatus and equipment purchasing, operations, and pre-planning. No one should ever be surprised when property is lost by fire due to a lack of water supply. If fire department doesn't plan and practice for it, who will? The rural environment requires strong and educated leadership to overcome these challenges. We will seek to answer 3 primary questions: How much water do we need? Where is it? And how can we get it to the fire? This class will review the common methods for determining needed fire flows in routinely built fire districts as well as target hazards and turn those needs into plans and goals for the department to meet before the fire starts. Common misconceptions about pumping abilities and limitations will be discussed and demonstrated. Strategies and tasks to improve the tanker shuttle cycle will be explored. Efficiency in managing available resource will be emphasized and demonstrated. The use of LDH and pumper relays will be reviewed and practiced. Students are encouraged to bring a calculator as friction loss calculations will be necessary. All participants will be leave with the knowledge and the challenge to become better at water supply operations through continued training and preplanning.	Eric Abbott: 906-364-5316 222atrain@gmail.com; Ted Lilley: 248-830-8893 tdlly32@gmail.com	6/13/2023
Q03F	Advanced Hydrant Operations	Andy Soccodato	One of the most important tactical benchmarks at any working fire is the establishment of a reliable and sustainable water supply. Often, fire hydrants are the easiest choice for the establishment of that water supply. More times than not, the full potential of that hydrant is not recognized. This class is designed to teach students how to fully maximize the use of fire hydrants for supply operations without sacrificing functionality. By the conclusion of this course, the student will have a comprehensive understanding of how to deliver big water in the urban and suburban environment.	862-812-1923; thewaterthieves@gmail.com	2/13/2024
Q03G	Advanced Drafting Operations	Andy Soccodato	Operating as the supply pumper in the rural environment is one of the most challenging tasks a pump operator may be assigned. This course is designed to teach students field proven techniques to overcome the various challenges commonly encountered in the rural setting, while simultaneously maximizing the supply pumper's capabilities. Topics covered include the principles behind drafting, alternative drafting methods that don't require the use of primers, multiple intake drafting operations, multiple dump tank operations, TurboDraft operations, and efficient dump and fill site tactics.	862-812-1923; thewaterthieves@gmail.com	2/13/2024
Q04F	Dust Hazards and Controls Awareness - A Primer	James (Jim) Yuill	This Three (3) hour course is intended to provide a 35,000ft overview for both fire service suppression and prevention personnel on what combustible dust is, the anatomy of a dust explosion, how the industry tests for explosivity and how such is reported, control measures found in the industry and discussion on pre-incident planning/evaluation along with response mitigation strategies specific to fire service. The presentation delivery utilizes both instructor lead and group collaboration methods with case study evaluation.	248-416-2516 jamesyuill40@gmail.com	12/1/2023
Q05A	HazMat IQ First Responder Offensive Training	Federal Resources Staff	The HazMatIQ Above The Line/Below The Line System is a patented program developed by experienced hazardous materials responders, taught in a straight forward, easy to understand methodology. This cornerstone course, lays the foundation for all HazMatIQ Courses. Through the use of simplified flow charts, personnel are able to safely and efficiently respond to any known or unknown chemical/mixture. Students will be trained to size-up (physical state, hazards, initial hot zone, correct meters and PPE) of any chemical in seconds. The system uses a streamlined methodology to build upon the initial size-up, preparing them to immediately go to work when they arrive on a Hazardous Materials/WMD event.	800-829-1099; www.federalresources.com	14-5-59
Q05B	Anhydrous Ammonia Operations	MSP EMHMTCC Staff	This training is designed to meet MIOSHA/OSHA requirements for response to an Anhydrous Ammonia release.	MSP HazMat Training Center 517-284-3821	16-12-014
Q05D	"What's in that drum?"	Schoolcraft College Instructors	This HazMat Update Class is a comprehensive 8-hour update class on Hazardous Material Operations level personnel to meet the objectives of NFPA 471 and 472 standards when dealing with hazardous materials response. They offer both lecture and hands on training in numerous areas such as use of recognition, identification, use of the Emergency Response Guidebook, and proper PPE used on the scene. There will be a simulated incident in the afternoon which they will use their ICS skills, decontamination and defensive operations level skills.	734-735-7997 firemark21@msn.com	17-10-022
Q05E	Scene Management (Hazmat)	MSP EMHMTCC Staff	This 4-hour course is designed for mobile delivery by hosting fire departments. The goal of this course is to meet the needs of the community by training all firefighters in hazardous materials scene management. This course will describe roles within an incident command system, explain the branch structure of a hazardous materials incident, discuss response priorities and models, and develop an Incident Action Plan.	MSP HazMat Training Center 517-284-3821	18-2-015
Q05F	Chemical and Physical Properties	MSP EMHMTCC Staff	This 4-hour course is designed for mobile delivery by hosting fire departments. The goal of this course is to meet the needs of the community by training all firefighters in chemical and physical properties attributed to most hazardous materials and discuss how these can affect a hazardous materials incident.	MSP HazMat Training Center 517-284-3821	18-2-016
Q05G	Exposure Assessment and Toxicology	MSP EMHMTCC Staff	This 4-hour course is designed for mobile delivery by hosting fire departments. This training is designed to define the limits and values of radiological and biological exposure. This training will also define the relationship between risk and harm, as well as discuss the documentation requirements when exposed to a hazardous materials situation.	MSP HazMat Training Center 517-284-3821	18-2-017
Q05H	MSP Propane Emergencies	MSP EMHMTCC Staff	This 8-hour course will give students an understanding of the chemical and physical properties of propane. This course will discuss the use, storage, and transportation or propane, as well as, the tactics to safely mitigate and emergency situation involving propane.	MSP HazMat Training Center 517-284-3821	18-4-010
Q05I	Responding to Mass Casualty Events	Henry Reyna	NFPA 3000 Active Shooter 8-hour course.	Henry Reyna hreyna0033@gmail.com	

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Q05K	HazMat Operations Refresher	Oakland Community College Instructors	The purpose of the HazMat Operations refresher course is to provide students with the opportunity to refresh their knowledge of Hazardous Materials and the appropriate methods for first responders to respond to releases or potential releases of hazardous substances.	Oakland Community College	19-2-24
Q05L	MSP HazMat 8-hour Refresher	MSP EMHMTCC Staff	This 8-hour course will provide students with refresher training on HazMat Operations level to be able to review and build on their original class. The training will be conducted using PowerPoints, hands-on time with meters and equipment, group activities, and a small scenario.	MSP HazMat Training Center 517-284-3821	19-8-14
Q05M	MSP Michigan HazMat Responder Conference	MSP EMHMTCC Staff	The conference is designed to bring hazmat teams together, build relationships and reliance on one another. Those within Michigan as well as nationwide speakers will provide expertise as well as hands-on skill building for first responders.	MSP HazMat Training Center 517-284-3821	19-8-15
Q05N	MSP Hazardous Materials Technician	MSP EMHMTCC Staff	80-hour Hazmat Technician course	MSP HazMat Training Center 517-284-3821	19-10-08
Q05O	Introduction to Radiological/Nuclear WMD Operations (AWR-140)	MSP EMHMTCC Staff	This instructor led course presents a radiological/nuclear Weapons of Mass Destruction overview consisting of ionizing radiation fundamentals, terminology, health effects, and recognition factors. This information is requisite knowledge of responders performing the interdiction/prevention mission as well as first responders and other personnel who are likely to be the first to arrive on the scene of a radiological/nuclear incident.	MSP HazMat Training Center 517-284-3821	19-12-12
Q05P	Updated Contact Info: MSP Bomb-making Materials Awareness Program - Community Liaison	MSP Intelligence Operations Division	This is a one-day, in-person instructor-led training. Developed by the Office of Bombing Prevention of the Department of Homeland Security and recognized by the FBI, this course is intended for public safety and private sector personnel identified as Community Liaisons or perform community outreach as part of their role. BMAP Community Liaison Course is restricted to select first responders and officials with community outreach responsibilities who accept the duties of a BMAP Community Liaison. The Course is not structured for those personnel solely seeking IED or HME awareness information. At the completion of the training, it is intended that the participant will establish an outreach program within their community. The course covers instruction on: commercially available products used in home-made explosives and improvised explosive devices, recognizing & reporting suspicious purchasing behaviors, and conducting outreach and available resources.	T. Adam Talarek 989-326-7595 talarek1@michigan.gov	20-04-04
Q05Q	MSP Fusion Liaison Officer Basic Level	MSP Intelligence Operations Division	This is a one-day, in-person instructor-led training covering the following topics: MIOC Fusion Center Capabilities; Fusion Liaison Officer Role and Responsibilities; Collection and Sharing of Intelligence; Collection Requirements and current environment brief. This course is designed for groups of up to 25 participants and is intended for public safety and private sector personnel identified as personnel interested in intelligence, building strategic partnerships, and conducting outreach in their communities regarding suspicious activity reporting. The Fusion Liaison Officer Basic Course is restricted to select first responders and officials with community outreach responsibilities who accept the duties of a Fusion Liaison Officer (FLO). At the completion of the training, it is intended that the participant will establish an outreach program within their community and facilitate information sharing with the MIOC and other FLO officers.	T. Adam Talarek 989-326-7595 talarek1@michigan.gov	10/12/2021
Q06B	Target Solutions LMS	Target Solutions USA	This Q Course approval application is a combined Training/Equipment request that will allow online delivery of training courses, provide assessment tools to ensure mastery, and ensure training compliance with an industry leading training tracker database.	https://www.targetsolutions.com	
Q06C	Fire/Rescue 1 Academy	Fire/Rescue 1 Academy	Fire/Rescue1 Academy's learning management system streamlines the training experience for fire departments. Their training solution offers more than 1,100 online Fire & EMS courses, training workflows and skills development tracking. It provides access to online fire and EMS training content that can be delivered during in-service, field training or in a self-paced format to individual personnel or groups.	248-721-0758 rginther@beverlyhillspolice.com	6/13/2023
Q06D	SafeResponse.com (Online awareness training for first responders)	www.SafeResponse.com	SafeResponse.com will provide online awareness level training to first responders in Michigan through a cooperative agreement with Michigan MABAS. At the request of MABAS, training topics will include: SCBA Refresher; Blood Borne Pathogens; Confined Space Rescue Awareness; Ice Rescue Awareness; Machinery Rescue Awareness; Rope Rescue Awareness; Structural Collapse Rescue Awareness; Trench Rescue Awareness; and Water Rescue Awareness. Participants will also have access to all other online programs available at SafeResponse.com .	517-881-9501 john@iscweb.com www.SafeResponse.com	10/17/2023
Q07C	MUSAR Machine Rescue Awareness and Operations	MUSAR Training Foundation	Machine rescue awareness and operations training consisting of lecture and lab based practice.	MUSAR jcieslik@rochestertermi.org	
Q08B	SCBA Refresher - Online	Paul Berry	This on-line program will provide firefighters with annual refresher training, as required by NFPA 1404 and MIOSHA Part 451. Content for the course includes: Uses, Limitations, and Consequences Related to SCBA; Inspecting Equipment Before Use; Donning and Doffing SCBA; Emergency Procedures for SCBA Malfunctions; Signs and Symptoms Impacting Use; and Cleaning, Maintenance, and Storage of SCBA. Local fire departments would be required to complete the skill portion of the program using the appropriate skill sheets provided by Jones and Bartlett in Firefighter I for SCBA training. Access to the course will be available as soon as ERSI uploads it to the new Learning Management System. Initial costs will be covered by a federal grant.	Paul Berry 248-767-4270 berry@ersintl.org	2/14/2023
Q08C	Bloodborne Pathogens - Online	Paul Berry	As a result of completing this on-line program, participants will meet MIOSHA requirements for annual training on Blood Borne Pathogens. Participants will identify contents of MIOSHA Part 554, recognize hazards of Blood Borne Pathogens and other infectious materials and how they are transmitted, identify precautions to prevent exposure, and identify the procedure for promptly reporting an exposure incident. Knowledge checks occur throughout the program, and in order to print a certificate of completion, participants will need to score at least 80% on the final quiz.	Paul Berry 248-767-4270 berry@ersintl.org	2/14/2023

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Q08D	New Blood - Infusion of Legacy	Jeromy Robertson	Throughout this presentation we'll discuss different learning styles, teaching techniques, communication considerations, and recruitment strategies that bridge the ever-growing gap between the seasoned servant and the new one. We'll hear actual concerns brought to us by young folks who are on the fence about public service. We'll discuss what it is that we are really asking from our new recruits. Finally we'll present ideas on how to keep "New Blood" infused into our bodies and what that means to the future of how we do business.	Jeromy Robertson 517-204-3294, 269-838-3500 jrobertson@vbid.org	2/14/2023
Q08E	Probationary Firefighter Training Programs: Setting and Raising the Bar	Red Brick Group LLC Jesse Marcotte	Probationary firefighter training programs set the bar for what is expected of our newest members. This course provides a start to finish framework that is compliant with the requirements and standards referenced in NFPA 1001 and MIOSHA Part 74. Topics include developing the probationary firefighter training manual, building organizational culture, succession planning, implementing a coaching and mentoring system, reverse mentoring, performance appraisals, and building operational readiness. Learn how to balance tradition with innovation, while building confidence, competence and camaraderie.	Red Brick Group LLC Jesse Marcotte jmarcotte@redbrickgroupinc.com	24-10-06
Q13A	Bus Extrication Class	Rescue Resources, LLC		Steve Funk 269-838-1930	
Q13B	Principles of Large Truck Advanced Extrication	START Rescue	This program is designed to provide the participant with a working knowledge of rescue considerations for motor vehicle accidents involving large vehicles.	CarlHein104@gmail.com	17-2-013
Q13C	Vehicle Extrication Technician	START Rescue	This 20-hour course is designed to provide technician level auto extrication training for firefighters. The program stresses new vehicle technology, rescuer safety, emergency patient care, scene assessment, hazard control, and extrication tool techniques to provide survival space. It will present the opportunity for firefighters to learn while working on over 40 new FCA vehicles while inside the FCA Proving Grounds in Chelsea, MI.	CarlHein104@gmail.com	
Q13D	Bus Extrication	START Rescue	This 2-day, 12-hour course is based on information included in IFSTA's Principles of Extrication, Maryland Fire and Rescue Institute's Rescue Technician, The Carbusters' School Bus Rescue, state-wide EMS protocols, and several of the training sessions listed on the START Rescue information sheets.	CarlHein104@gmail.com	
Q13F	Advanced Vehicle Stabilization	START Rescue	The curriculum is designed to provide a standardized approach to stabilization techniques for vehicles that are on their sides and roofs. The program will present techniques for lifting vehicles, opening doors, displacing roofs, removing roofs, displacing dashes, and safely removing suspended patients.	CarlHein104@gmail.com	
Q13H	Vehicle/Bus Extrication	Shaun Hughes/Mike Torres	This class will review extrication principles, new vehicle technology, and commercial vehicle/bus familiarization. Students will be challenged to work individually and in teams to respond to increasingly complex rescue scenarios.	269-375-4610	18-2-012
Q13I	Vehicle Extrication - Rescue Level Technician	START Rescue	This 13-hour course is designed to provide technician-level auto extrication training for firefighters.	CarlHein104@gmail.com	
Q13J	START Vehicle Extrication: Tomorrow and Today	Carl Hein	Attendees will participate in an interactive presentation and Q/A session pertaining to vehicle construction, specifically centered around electric vehicle technology. During the hands-on portion of the program, participants will practice relevant patient-centered vehicle extrication techniques utilizing current and late model vehicles. Participants will also earn 2 CE's towards EMS licensing (State of Michigan)	Carl Hein 734-765-0135 carlhein104@gmail.com	6/14/2022
Q13K	Mitigating New Vehicle Technology Extrications and Electric Vehicle Fire Challenges	Aaron Heller	Students will gain an understanding of how vehicles have changed and will continue to change, along with the extrication and vehicle fire challenges these changes have created for responders. New metallurgy, design, construction, the glass standard (and its effects on construction), and safety system changes are addressed, as are new vehicle fire challenges presented by hybrids, EVs, addition of class D combustible metals, and lithium-ion battery-fueled fires. Reevaluation of current methods, tactics, and equipment is a recurrent theme. Changes, advances, and limitations in current fire and rescue technology are also covered.	609-743-0166 ajh3901@hotmail.com	6/13/2023
Q13L	Vehicle Extrication A to Z	Gregory Miller	A comprehensive two part 16 hour vehicle extrication course aimed at reinforcing NFPA 1936 and 1670. Part 1 will show students vehicle anatomy, rescue tools, tools techniques, tool safety, cribbing, ramming, and lifting. Part 2 will incorporate scenarios focusing on ICS, initial actions and skills learned to safely and efficiently extricate patients after a crash.	616-328-1225 gtmiller@grcity.us	10/17/2023
Q13M	Searchable vs. Survivable: Educated Decision Making	Sean Duffy	In this lecture we will cover data gained from 3,000 actual fireground rescues as well as UL FSR1 studies and the US Fire Administration. It is important to stress that time does matter when it comes to victims of fire. Emphasis will be placed on the search size up, order of assignments and being cognizant of our terminology. It is important that we use facts, not fear to choose the appropriate course of action, putting our citizens first and increasing their survivability rate.	813-380-1433; duffy558@gmail.com	2/13/2024
Q13N	Civilian Rescue: Removing the Occupant	Sean Duffy	When searching for occupants trapped in a structure fire, locating them is only half the battle. It is in the act of removing them where the rescue truly takes place. There are many tactical considerations searchers must evaluate and understand to increase the survival odds of trapped occupants. This lecture will not only discuss best practices but will also cover information found during extensive research on various situations that contribute to our victims' outcomes and better prepare rescuers to make appropriate decisions during the removal process.	813-380-1433; Duffy558@gmail.com	2/13/2024
Q15A	Flashover Training	Oakland Community College Instructors	Mobile and site specific Oakland Community College Flashover Training.	Oakland Community College	14-8-76
Q15B	Airport Live Fire Training	Louis Kurtz, ARFF Specialists LLC	Airport Mutual Aid training for on-site operations.	Louis Kurtz arffmobile@gmail.com 218-341-7902	16-12-005
Q15C	Hostile Fire Event (Flashover)	LCC Instructors	NFPA 1403 compliant flashover training.	pawlukw@lcc.edu	
Q15D	Flashover Training	Shaun Hughes/Eric Burghardt	This course is designed to increase knowledge of fire behavior and to teach students how to recognize the warning signs of flashover.	269-375-0487	18-2-013
Q15E	Air Port Live Fire Training	Louis Kurtz, ARFF Specialists LLC	This course meets the NFPA 403 and 405 standards for maintaining ARFF certification up to date for area fire departments that are in a mutual aid agreement with the Pellston Regional Airport.	Louis Kurtz arffmobile@gmail.com 218-341-7902	

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Q15F	Copper Country Live Fire Training	Michael Defina	Live Fire training in compliance with NFPA 1403 guidelines.	kweenawfiretraining@gmail.com	19-2-24
Q15G	NWTC Flashover Training/Fire Behavior	Jason R. Webber	Northwest Wisconsin Technical College flashover simulator and fire behavior training presented by Jason Webber, Public Safety Training Coordinator from Northwest Technical College in Green Bay, WI. Training is conducted in a Phase 1 training container from Swede Survival Systems providing students with instruction in fireground development, flashover, and backdraft in a controlled environment. Emphasis is on safe fireground operations. Ventilation, fire attack, recognizing flashovers, and escape methods are also covered.	jason.weber@nwtc.edu 920-498-7175	20-2-11
Q15H	Saginaw Live Fire Training	Brandon Hausbeck - Saginaw Instructors	Utilizing a Drager Modified Phase II live fire system participants are exposed to real smoke and fire conditions in a controlled environment. Evolutions include fire attack, hose line advancement, and search and rescue. Classes can be done in 8, 4, or 2 hour timeframes.	Brandon Hausbeck 989-274-7285 bhausbeck@saginaw-mi.com	8/9/2022
Q15I	Fire Ground Decision Making: Fire Behavior and Thermal Imaging 2 hour Course	Andrew Bezenah	This 2-hour course is developed to enhance your knowledge of fire behavior and the use of thermal imaging cameras in the fire service. This class will allow you to understand the development of fire and recognizing hostile fire environments. It also will show why the camera should be utilized, how the camera should be utilized, and when the camera should be utilized.	248-521-5453 bandblft@gmail.com	6/13/2023
Q15J	Fire Ground Decision Making: Fire Behavior and Thermal Imaging 4 hour Course	Andrew Bezenah	This 4-hour course is developed to enhance your knowledge of fire behavior and the use of thermal imaging cameras in the fire service. This class will allow you to understand the development of fire and recognizing hostile fire environments. It also will show why the camera should be utilized, how the camera should be utilized, and when the camera should be utilized.	248-521-5453 bandblft@gmail.com	6/13/2023
Q15K	Fire Ground Decision Making: Fire Behavior and Thermal Imaging 8 hour Course	Andrew Bezenah	This 8-hour course is developed to enhance your knowledge of fire behavior and the use of thermal imaging cameras in the fire service. This class will allow you to understand the development of fire and recognizing hostile fire environments. It also will show why the camera should be utilized, how the camera should be utilized, and when the camera should be utilized. This course is 2 hours.	248-521-5453 bandblft@gmail.com	6/13/2023
Q15L	Fire Ground Decision Making: Fire Behavior and Thermal Imaging 16 hour Course	Andrew Bezenah	This 16-hour course is developed to enhance your knowledge of fire behavior and the use of thermal imaging cameras in the fire service. This class will allow you to understand the development of fire and recognizing hostile fire environments. It also will show why the camera should be utilized, how the camera should be utilized, and when the camera should be utilized. This course is 2 hours.	248-521-5453 bandblft@gmail.com	6/13/2023
Q15M	40-Hour Basic Aircraft Rescue Firefighting Course	Eric J Thomas	This 40 hour Basic ARFF Course will instruct the students on the basic Aircraft Rescue Fire Fighting Skills as required by the FAA. This course will meet the requirements of FAR 139 as required by the FAA & NFPA 1003. This course will have both lecture and hands on instruction and will have 2 instructors for the course. This course will be held 8 hours per day. The students are responsible for Books and electronic software. Class will be using newest Aircraft Rescue Firefighting editions. This course provides students with the fundamental knowledge and skills necessary to effectively manage and mitigate an aircraft emergency. Knowledge will be tested daily with quizzes followed by a final on the final day. Students must pass the final exam by 70% to receive a certificate.	734-716-4646; Hazmat1423@gmail.com	8/8/2023
Q15N	NFPA 1403 - Roles and Responsibilities During Live Fire Training Event - Refresher	Eric J Thomas - FHET Training LLC	The purpose of this 6.5 hour course will educate, review and refresh fire instructors, fire chiefs and fire department training officers, and fire officers on the need to implement and follow NFPA 1403 Live Fire Training standards. This course is meant to help prevent and stop serious injuries or death at a live fire training event. Taking this course the student will be able to describe the roles responsibilities and safety aspects of NFPA 1403/1400 and implement a burn plan as well as conduct the live fire training in an efficient and safe manner.	Eric Thomas hazmat1423@gmail.com	24-10-06
Q15O	4 Hour Municipal Aircraft Incident Response Class	Eric Thomas -AMF FHET Training LLC	This 4 hour municipal aircraft incident response class will instruct and review aircraft rescue fire fighting standard as defined by NFPA 1003 & NFPA 1700 structural fire fighting strategies and tactics. This course will discuss by way of lecture and tabletop exercises how to manage small and large aircraft incidents. By completing this class, the student will be able to have knowledge to effectively manage an aircraft incident within their jurisdictions.	Eric Thomas hazmat1423@gmail.com	24-10-06
Q15P	24 Hour ARFF Refresher Course	Eric Thomas -AMF FHET Training LLC	This is a 24 hour ARFF refresher course that will instruct and review with current certified ARFF students, who have completed the initial Basic ARFF Training Course, on Aircraft Rescue Fire Fighting skills as required by the FAA. By completing this course, the student will meet the yearly review and recurrent training requirements of FAR 139, 319 (I) / AC No: 150/5210-17C as required by the FAA and NFPA 1003 - Qualifications of an Aircraft Rescue Firefighter.	Eric Thomas hazmat1423@gmail.com	24-10-06
Q15Q	Livonia Fire - Live Fire Behavior	John McKee	This course will provide firefighters and firefighter II students with practical live fire behavior learning opportunities. There will be a demonstration of fire growth and behavior using the Max Fire Box training prop accompanied by a demonstration of fire growth and behavior inside a Class A live fire facility. The Class A burn focuses on fire growth, flow paths, and neutral planes, introduction of air sources (door control), rollover and gaining confidence in one's turnout gear and equipment (SCBA).	John McKee jmckee@lfdmail.com	24-10-06

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Q15R	Flashover Training	Jeffrey Packett	Instruction in fire ground development, flash-over, and back-draft in a controlled environment. Emphasis is on safe fire ground operations. Ventilation, fire attack, recognizing flash-overs, and escape methods are also covered.	586-805-8581 packetj740@macomb.edu	24-12-03
Q16A	Reading Smoke and Tactics	Fire Mark Advantage	The objective of this class is for students to understand the principles, and develop skills to using a technique known as "Reading Smoke". The students will learn rules, guidelines using the four (4) attributes of smoke: Volume, Velocity, Density and Color to gather information to support tactical objectives/tasks that support the fire ground strategy developed by the IC strategic. The second half of this class will be centered around rescue, exposures, confinement, extinguishment, ventilation, RIT, water supply, and many other tasks used during residential fire ground operations.	231-206-5372 nsfdchief1@msn.com	
Q16B	The Art of Reading Smoke	Dave Dodson	The objective of this class is to allow students to understand the principles and develop the skills that will help them predict fire behavior.	Dave Dodson	19-6-08
Q16C	NEW Fire Behavior and Fire Dynamics	Brad Drury	This program is designed for the real-world application of fire behavior and fire dynamics. This course will cover fire behavior and how fire wants to move throughout a structure. It will also cover the effects that ventilation has on fire behavior, as well as how fire behavior impacts the components of a structure. Understanding these effects will assist all fire personnel with tactical decisions, occupant survivability, structural stability, and resource needs at common structure fires. Application of science-based research by the UL Fire Safety Research Institute will be discussed as well as NFPA 1700. This class is geared toward firefighters, fire officers, and incident commanders.	Brad Drury 517-290-0297 brad.drury36@gmail.com	4/11/2023
Q19B	FAA Part 107 Prep for UAV	Michael Magda	The course provides the basic knowledge to establish a firm foundation for a career as a professional commercial sUAS pilot. This is accomplished by the familiarization with regulations (14 CFR Part 107), airspace classification, operating requirements, and flight restrictions, aviation weather sources and effects of weather on sUAS, sUAS loading, emergency procedures, crew resource management, radio communication procedures, performance of sUAS, physiological effects of drugs and alcohol, aeronautical decision making and judgment, airport operations, and maintenance and preflight inspection procedures. Successful passage of FAA Remote Pilot UAS rating certificate should place students in a positive position for employment in the commercial sUAS field upon graduation.	Michael Magda michaelmagda@hotmail.com	19-4-09
Q19C	UAS Drone Operations - Wehrwein	Gary Wehrwein & Jason Harrison	The course goal is to demonstrate competency in the UAS Program FAA part 107. The lecture will include preparation for FAA Part 107 including preflight checklist, UAS operations, and a variety of safety issues the pilot in command may face during missions. The student will be evaluated by the instructor.	wehrwein@ctwfd.org 586-242-5125	20-2-11
Q19D	Unmanned Vehicle Public Safety Ground School	Matt Rybar	The course is a 2 day seminar with hands on exercises intended to prepare the students to pass the FAA Part 107 course. The course will provide students with knowledge on how to safely and effectively develop, implement, and use a drone program within their department following applicable laws and standards. A full class course is attached. The first day is lecture while the second day is hands on.	Matt Rybar 616-916-0007 matt@uvt.us	10/12/2021
Q22A	ICS Table Top for Multi Company	Fire Mark Advantage	This course utilizes a table top exercise to reinforce advanced ICS concepts learned through a preceding lecture. The table top exercise uses information from an actual multi-alarm warehouse fire with various scenario evolutions that effectively exercises the command and general staff ICS functions along with branches, divisions and groups. The development of a written action plan is also practiced utilizing standard ICS forms.	231-206-5372 nsfdchief1@msn.com	
Q22B	SOFA Advanced Fire Ground Resource Management	SOFA Instructors	Provides students with the opportunity to improve and enhance their abilities to manage resources on the fire ground of large scale incidents and 2nd or subsequent alarms through both lecture and table top exercises. Students will participate in scenarios that involve problem solving in an effort to maximize their effectiveness as an incident commander on a fire ground.	rginther@beverlyhillspolice.com 248-721-0758	20-2-11
Q22C	SOFA Basic Fire Ground Resource Management	SOFA Instructors	Provides students with the opportunity to improve and enhance their abilities to manage resources on the fire ground through both lecture and table top exercises. Students will participate in scenarios that involve problem solving in an effort to maximize their effectiveness as an incident commander on a fire ground.	rginther@beverlyhillspolice.com 248-721-0758	20-2-11
Q22D	SOFA Mid-Rise and High-Rise Fire Ground Operations	SOFA Instructors	The course will provide students with the opportunity to improve and enhance their abilities to operate at the scene of a multi-level structure through both lecture and practical exercises. Students will participate in practical scenarios that involve fire suppression, search and rescue, vertical ventilation, and aerial operations.	rginther@beverlyhillspolice.com 248-721-0758	11/10/2020
Q22E	Midwest Fire Tactics Training: The Search for THEM	Midwest Fire Tactics & Training	This course will cover: overview of victim search and rescue with potential personal and crew limitations; understanding and operating potential IDLH environment; establishing safety guidelines; victim treatment and removal techniques; the emotional element of rescues and it's effect on the rescuer; preplanning operations and mutual aid; field training and victim scenarios utilizing knowledge gained to conduct self rescues, victim rescues and how to handle and remove multiple victims in structural firefighting operations; debriefing and establishing SOPs/SOGs, training, and equipment needed.	Midwest Fire Tactics and Training, 906-290-0407	2/9/2021

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	Course Name	Authorized Instructor(s)	Course Description	Contact Info	Meeting Date/Motion
Q22F	OCC High Rise Firefighting Operations	Tim Miller	The purpose of the High-rise Firefighting Operations class is to provide certified firefighters the opportunity to expand their knowledge, skills and abilities pertaining to high-rise and standpipe equipped building fire operations. The class will incorporate both lecture and hands-on practical workshops and scenarios. Fires in high-rise and stand-pipe equipped buildings present unique and complex challenges to the fire company and incident commander. Students will review building construction, size-up, initial fire company operations, ongoing support company operations, and strategic and tactical objectives specific to high-rise operations with the emphasis on life safety, incident stabilization, and property conservation.	Tim Miller 248-346-0410	6/14/2022
Q22G	OCC Live Fire Search and Rescue	OCC Instructors	The purpose of the "Live Fire Search and Rescue" course is to provide Michigan firefighters with the opportunity, in a controlled environment, to practice and hone their search and rescue skills under live fire conditions. This course will be a combination of lecture and hands on training. This is a NFPA 1403 compliant course that will take place in our Class B training tower and our Class A burn chambers. The goal is to make search and rescue safer and more efficient for Michigan firefighters and citizens.	OCC instructors 248-232-4580 pdhall@oaklandcc.edu	10/18/2022
Q22H	Great Lakes H.O.T.	Sean Duffy	This is a 3 day fire conference that will focus on Officer Development, Engine Company operations, Truck Company operations and Mayday/Firefighter Survival. Multiple Scenarios each day will be given with each scenario increasing in difficulty and building off previous lessons learned. Live fire evolutions will be held on the final day of training. The students must attend all skill days in order to participate in live fire evolutions. Full PPE, SCBA and a spare bottle are required. This conference is being brought to you by nationally and locally recognized instructors that collectively have over 100 years of fire service experience.	Great Lakes H.O.T. Sean Duffy 813-380-1433 duffy558@gmail.com	2/14/2023
Q22I	OCC Crew and Self Rescue	OCC Instructors	The purpose of the OCC Crew and Self Rescue course is to provide Michigan firefighters with the opportunity to practice and hone their crew and self rescue skills. This course will be a combination of lecture and hands on training. The lecture portion will focus on mayday statistics, common causes, physiological responses, survival mindset, size ups, rules of air management, and different departmental training. The hands on portion will focus on self rescue, crew rescue, collapse rescue and bailouts. This two day course is offered as a stand alone class or in conjunction with the OCC RIT program.	OCC instructors 248-232-4580 nherr306@gmail.com	2/14/2023
Q22J	Oakland CTC High-Rise Multiple Alarm Response	Robert Ginther	The Oakland CTC High-Rise Multiple Alarm Response course will provide students the opportunity to improve and enhance their abilities to operate at a scene of a mid-rise or high-rise structure, where multiple fire departments are activated through the MABAS system. Through both lecture and practical exercises, students will participate in scenarios that involve fire suppression, search and rescue, vertical ventilation, and aerial operations.	248-721-0758; rginther@beverlyhillspolice.com	12/1/2023
Q22K	Intro to High-Rise Fire Operations	Jason Deneau	The Intro to High Rise Fire Operations course is designed to teach students how to operate on the fireground during high rise fire events as the initial attack crew. Students will use a combination of classroom and practical learning to complete the course objectives. Students will experience several scenarios that will require them to use their problem-solving skills to successfully work in a high-rise firefighting environment as the initial attack crew. Topics covered include response considerations, arrival, apparatus positioning, scene size-up, initial line deployment, standpipe hookup, charged vs. un-charged line advancement and fire extinguishment.	248-640-2914; jdeneau@cityofsouthfield.com	12/1/2023
Q22L	Basic High-Rise Fire Operations	Jason Deneau	The Basic High Rise Fire Operations course is designed to teach students how to operate on the fireground during high rise fire events as the first alarm assignment. Students will use both classroom and practical learning to complete the course objectives. Students will experience several scenarios that will require them to use their problem-solving skills to successfully work in a high-rise firefighting environment. Topics covered build upon those learned in the intro class and include line deployment of multiple lines (attack, backup, etc.), FDC & standpipe hookup, basic pumping operations, water supply, line advancement and fire extinguishment.	248-640-2914; jdeneau@cityofsouthfield.com	12/1/2023
Q22M	Advanced High-Rise Fire Operations	Jason Deneau	The Advanced High Rise Fire Operations course is designed to teach students how to operate on the fireground during sustained high rise fire events. Students will use a combination of classroom and practical learning to complete the course objectives. Students will experience multiple scenarios that will require them to use their problem-solving skills to successfully work in a high-rise firefighting environment with multiple fireground objectives. Topics covered build upon those learned in the intro and basic class and include FDC and/or standpipe failure, Upper Search and Evacuation, ventilation considerations, and managing a multiple-alarm response.	248-640-2914; jdeneau@cityofsouthfield.com	12/1/2023
Q22N	High-Rise Operations Practical to Tactical	Brent Brooks	This presentation provides updates for the fire service on new equipment and tactics required to fight fires in high-rise buildings. With the increase in high-rise construction worldwide, including mixed-use, podium-based towers, and timber frame construction, there is a pressing need to update tactics and training methods. In addition, this program will provide strategies for fighting EV fires in underground parking lots for extended periods. Cities face challenges finding firefighting solutions for catastrophic failures, exterior cladding, and EV fires. This program will present plans to address them.	416-420-6933; highrise332@gmail.com	\$45,335.00
Q23A	Offensive Exterior Operations	Fire Mark Advantage	This course explores tactical options to be used when the tradition offensive/defensive strategies are either inappropriate, ineffective or unavailable. A discussion on fire department culture, both past and present, lays the groundwork for the selection of a tactical position. Offensive Exterior Operations is a method of operation that combines the aggressiveness of an interior attack with the safe positioning afforded through a defensive operation.	231-206-5372 nsfcdchief1@msn.com	

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Q23B	Aggressive Command Supports Aggressive Firefighting	Justin Holmes, Nick Martin	Departments must avoid impractical command practices that slow or hamper putting the fire out, but must also avoid a lack of strong command that fails to organize the incident and aggressively deploy crews to solve the problem. This program discusses best practices that incident commanders can use to maximize the capabilities of their firefighting forces.	Justin Holmes, Nick Martin 616-788-9436 www.combatreadyfire.com/departments	8/9/2022
Q25A	Blue Card	Authorized Blue Card Instructors	Blue Card ICS consisting of on-line learning followed by a simulation lab.	www.bshifter.com	
Q25B	Blue Card Instructor	Authorized Blue Card Instructors	Blue Card ICS Instructor program	www.bshifter.com	
Q27A	MSU Staff & Command	Michigan State University Staff	Michigan State University School of Staff and Command is a 400-hour problem-based course that utilizes a blend of classroom facilitated learning and cutting edge distance learning technologies. Problem-based learning (PBL) represents the next generation in law enforcement training by fostering critical thinking, and employing learning philosophies appropriate in today's law enforcement world. In addition to an outstanding cadre of experts in the field, faculty includes a 1:6 facilitator to learner ratio.	For more information, please call 517-355-2197 or email traincj@msu.edu Online applications are available at https://cj.msu.edu/community/staff-and-command.html	
Q28A	Northern Chiefs Leadership Conference	Multiple Instructors for Various Courses	Annual Michigan Chiefs Northern Michigan Leadership Conference	www.michiefs.org	
Q28B	Michigan Fire Service Instructors Conference	Multiple Instructors for Various Courses	Michigan Fire Service Instructor's Conference held in October each year in Traverse City. Covers only the registration fee per person and does not include any hotel or other non-reimbursable expenses.	Michigan Fire Service Instructor Association	17-10-017
Q28C	Michigan Association of Fire Chiefs Annual Winter Workshop	Multiple Instructors for Various Courses	Michigan Association of Fire Chiefs Winter Workshop.	info@michiefs.org	
Q28D	Michigan Association of Fire Chiefs Annual Summer Leadership Conference	Multiple Instructors for Various Courses	Michigan Association of Fire Chiefs Summer Leadership Conference.	info@michiefs.org	
Q28E	Michigan Fire Inspectors Society Annual Winter Conference	Multiple Instructors for Various Courses	Michigan Fire Inspectors Society Winter Conference.	www.mfis.org	
Q28F	Western Michigan Association of Fire Chiefs Officer Seminar	Multiple Instructors for Various Courses	Western Michigan Association of Fire Chiefs annual company officer seminar.	www.wmafc.net	
Q28G	Michigan Fire Inspectors Society Annual Fall Conference	Multiple Instructors for Various Courses	Michigan Fire Inspectors Society Fall Conference	www.mfis.org	18-6-07
Q28H	National Fire Academy: Michigan Weekend	Multiple Instructors for Various Courses	National Fire Academy Michigan Weekend	Michigan State Firemen's Association	19-4-10
Q28I	Detroit Fire Department Professional Development Conference	Anthony Watts	The Detroit Fire Department (DFD) Professional Development Conference is an annual event that brings together firefighters, emergency responders, and industry professionals from across the country to share knowledge, skills, and best practices in the field of fire safety and emergency response. This conference serves as a platform for learning, networking, and collaboration among professionals in the fire service industry. At \$475 per attendee, participants will be treated to an informative 3 day experience that includes a keynote speaker, panel discussion, and numerous developmental course options.	313-917-9655; watts5209@detroitmi.gov	12/1/2023
Q29B	Aerial Ladder and Tower Ladder Operations and Placement	Emergency Vehicle Response	10 hours of classroom Aerial and Tower instruction, 6 hours of practical evolutions. Total of two (2) 8-hour days of training for up to 30 students. October 14 & 15	Mike Wilber	17-10-026
Q29C	Truck Company Operations	Oakland Community College Instructors	The purpose of the Truck Company Operations course is to provide students the opportunity to hone their firefighting skills in a natural gas-supplied live fire training tower. Students will gain knowledge, skills, and abilities to perform aerial apparatus placement, ground ladder placement, ventilation, utility control, forcible entry, and search and rescue in a safe and efficient manner.	Oakland Community College	
Q29D	Aerial Operations and Outside Truck Functions	Rob Blasetti	The truck driver, a unique position in the fire service. Depending on staffing, they may be working alone or as a team expected to think quick and act without supervision. In this 3-day class, participants will be given the opportunity to practice positioning and different placement options depending on tactics to accomplish (ventilation, Rescue, Master Stream) of a tower and ladder truck, understand the capabilities of each type of apparatus and perform outside truck function related to your staffing, including: gaining access, Vent-Enter-Search (VES), ground ladder mastery. Bridgeport Fire Rescue Department will provide both a tower and ladder truck for participants to start mastering their skills.	Rob Blasetti 239-810-1176 rob@trainingtoperformunderpressure.com	6/14/2022
Q30B	Tactics for the Due Engines	Tom Sitz	4-hour dynamic class focusing on strategies and tactics for the first due apparatus.	tnt106@windstream.net (440) 667-0870	16-12-007
Q30C	Engine Company Operations	Oakland Community College Instructors	The purpose of the Engine Company Operations course is to provide students the opportunity to hone their firefighting skills in a natural gas-supplied live fire training tower. Students will gain knowledge, skills, and abilities to obtain a water supply, estimate hose stretches, and operate as an engine company with the goal of getting water on the fire in the safest, most efficient manner.	Oakland Community College	
Q30D	The First Five	Fortitude Fire LLC	This class seeks to make for a more effective engine company during initial operations on the fireground. Students will focus on setting themselves up for success and learning to be efficient in both their decisions and actions.	fortitudefirellc@gmail.com	18-4-09
Q30F	CRF Engine Company Operations	Traditions Training	The class will focus on the cornerstone of effective engine company operations: getting attack hoselines in place for firefighting.	nmartin@combatreadyfire.com	19-2-24
Q30G	CRF Truck Company Operations	Traditions Training	This class will focus on the cornerstone of effective truck company operations including: forcible entry techniques, ground ladder operations, search operations, ventilation, and truck company placement and operations.	nmartin@combatreadyfire.com	19-2-24
Q30H	OCC Advanced Fire Engine Operator	Oakland Community College Instructors	The purpose of the Advanced Fire Engine Operator course is to provide students the opportunity to refresh and master their pump operation skills through both lecture and practical applications.	Oakland Community College	19-2-24
Q30J	Fire Dynamics and the Fire Ground	P.J. Norwood and Sean Gray	This class will show the symbiotic mutualistic relationship between Fire Dynamics and the Fire Ground.	ffseangray@gmail.com	19-6-12

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Q30K	When Seconds Count - We count Seconds	FD Tactics Training	The 8-hour Lecture "When Seconds Count, We Count Seconds" is intended to put into perspective how valuable every second is. Many topics are covered in this lecture to take back time when it is most needed. We will cover methods for time saving in every position from Firefighter to Chief Officer.	fdtacticstraining@gmail.com	19-8-11
Q30L	Chief Officer Field Training Academy	Rick Lasky, John Salka	There are so many people in various ranks throughout the fire service that have a dramatic impact on the effectiveness and operational success of their department. Chief Lasky and Chief Salka have developed this presentation to walk you through the numerous vital skills and abilities that field chief officers need to be successful.	Rick Lasky 214-673-1161, chieflasky@gmail.com; John Salka 914-755-6886;	6/14/22
Q30M	People Before Water	Curt Isackson	Today's fireground requires tactics that take today's fire behavior, building construction, and response models into consideration. We must also use the UL studies, Firefighter Rescue Survey results, and civilian fire fatalities data to better deploy our local fire resources to meet life safety and property loss priorities. When smoke detectors fail, the fire service cannot fail. We are the last line of defense. This class will give attendees a possible approach to getting the annual civilian fire fatality numbers consistently below 2,000 a year. It shows how to use data to assist us in adjusting our fireground assignments in the first five to seven minutes to remove trapped occupants sooner while still using decades of proven fireground tactics that work.	850-393-0581 https://countyfiretactics.com	10/18/2022
Q30N	Company Officer Academy	Rick Lasky, John Salka	The program, "The Company Officer Academy" is the result of numerous requests and discussions the chiefs have had with chief and company officers across the nation concerning company officer training and preparedness. Many departments simply promote a new company officer and send them to a new assignment with no formal training. This often results in creating a more stressful and challenging situation for the new officer and the unit. Chiefs Salka and Lasky have put together a dynamic multi-day program that addresses the many skills and abilities that company officers need to have to be effective in the firehouse and on the fireground.	Rick Lasky 214-673-1161, chieflasky@gmail.com; John Salka 914-755-6886	10/18/2022
Q30O	Field Training Officer / Mentorship Program	Nathan House	This is a comprehensive training program for new field training officers or those looking to implement a structured training program for their organization. Designed for Fire and EMS, this program focuses on mentorship, understanding how adult learners learn and how to use a structured and standardized training program when evaluating new employees. This program is not a subscription. Upon completion, the student will be given all discussed materials to develop this program, which can be tailored to their agency's needs. This program focuses on the training officer as the "gatekeeper" of the organization's future and successes. This is a three day course, eight hours a day. \$750/student which includes the customizable FTO program at the end of the three day course.	Nathan House 989-714-8211 nate@inhousesolutionsllc.org	2/14/2023
Q31B	Basement and Cellar Fire Suppression	John Brophy	A NIOSH research based course focusing on recognition and extinguishment of basement and cellar fires.	brophyjohn@aol.com	19-10-09
Q33A	Trench Rescue Awareness/Non-Entry Rescue	MUSAR Training Foundation	Four (4) lecture combined with Four (4) hands-on/trench equipment familiarization with the goal of first responders having knowledge with the equipment to assist operations and technician level at trench responses.	www.musartf.org	19-6-09
Q33B	Trench Rescue Awareness - Online Program	Ron Zawlocki	This on-line training program provides participants with the knowledge required to respond to a Trench Rescue at the Awareness Level. Knowledge checks occur throughout the program. In order to receive a certificate, participants must score 80% on the final 33 question quiz. Instructions are also provided for completing the skills portion of the program, as described in NFPA 1006. Local fire departments would be required to complete the skill portion for their own firefighters, with assistance provided by MUSAR and MABAS. Once we upload this program to our Learning Management System, we will provide a link to all MFFTC members. Initially, the course will be offered at no charge through MUSAR and ERS International.	Ron Zawlocki 248-854-1170 rescue_zman@yahoo.com	2/14/2023
Q36B	Trench Rescue-Advanced Technician Level	MUSAR Training Foundation	NFPA 1006/1670 Trench Level II. Excavating, trenching and shoring.	www.musartf.org	16-12-10
Q36C	Trench Shoring Symposium	MUSAR Training Foundation	50-hour advanced trench/excavation shoring symposium.	www.musartf.org	
Q36D	Trench Rescue Awareness: The Dangers of Dirt	Eric Burghardt	A trench/excavation rescue is a very dangerous situation for everyone involved. First responders need to know what those dangers are before they respond to an emergency. This course is designed to inform responders, leaders, and industry professionals to the dangers of trench and excavation emergencies.	Eric Burghardt, 269-598-4441. eburghardt@oshtemo.org	2/9/2021
Q37A	SOFA Rapid Intervention Team	SOFA Instructors	Rapid Intervention training taught and hosted by South Oakland Fire Authority instructors	rginther@beverlyhillspolice.com 248-721-0758	
Q37B	IAFF Fire Ground Survival	Ona Lee Hoard	The purpose of the Fire Ground Survival program is to ensure that training for May Day operations are consistent between all fire fighter, company officers, and chief officers.	989-759-1376	16-10-12
Q37C	Fire Ground Survival	Billy Goldfeder	Fire Ground Survival seminar.	www.modernfirebehavior.com	16-12-006
Q37D	Incident Safety Officer Academy	Fire Department Safety Officers Association	16-hour Incident Safety Officer program	248-880-1864	16-12-016
Q37E	Recon RIT	Oakland Community College Instructors	Identify when to call a May Day, self-rescue techniques, RIC positions and command actions. These two 3-day courses will teach firefighters techniques for rapid removal of downed firefighters and how to protect in place while supplying air in an IDLH environment. The instruction from Oakland Community College will teach search techniques, tool utilization and run various scenarios to apply these skills.	248-232-4580	17-10-024
Q37G	RIT, Fire Attack, Fire Streams, Rescue, Firefighter Skills	Oakland Community College Instructors	The Oakland Fire Training Institute offers training that provides firefighters with compressive training environment that allows simulated real life multistory firefighter practice, for firefighter students. Students will practice and build personal safety skills (and preparing them to be members of a RIT). Skills include SCBA usage and emergencies, advancing hose lines for fire attack and rescue. They will also learn and practice the individual techniques and skills involved in firefighter rescue. Fire ground operation (proactive tasks, tool use, staging and more) will be demonstrated and student practice of many basic fire ground operations will be part of the skill based format.	248-232-4580	17-10-025

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	Course Name	Authorized Instructor(s)	Course Description	Contact Info	Meeting Date/Motion
Q37H	Rapid Intervention Team Training	Steve Stawecki	This 16-hour curriculum focuses on rapid intervention team functions to improve skills of first responders.	ffemtstu@yahoo.com; 586-372-5655	
Q37J	Fire Ground Survival and RIT	John Skelly III	The Fire Ground Survival and Rapid Intervention Teams training teaches students the attitudes and techniques to help them survive on the fire ground.	skellyj@ctwfd.org	18-2-020
Q37K	Commanding a RIT	Oakland Community College Instructors	The purpose of this course is to provide student the opportunity to enhance their command, communication, and management skills through tactical decision making, and resource application while RIT training scenarios are being performed. Students will gain the KSA's (knowledge, skills, abilities) to manage a RIT team, use a tactical worksheet, use fire-ground communications, and apply resources to rescue downed fire fighters that are involved in a training mayday situation.	Oakland Community College	18-4-014
Q37L	RIC 1	Tim Lubitz and Ionia County Fire Instructors	The intent of this program is to show individual firefighters how to save themselves in unexpected situations that may arise on the fire scene. It also goes over SCBA in great detail, along with non-conventional tool uses, and mayday recognition. The class reviews calming techniques and ways to make yourself more "rescuable".	t.lubitz@ci.belding.mi.us	18-6-05
Q37M	RIC 2	Tim Lubitz and Ionia County Fire Instructors	Different from RIC 1, this class will review on scene RIC operations. It goes over RIC Team operations in all aspects: operating as a team, team duties, locating downed firefighters, firefighter packaging and removal.	t.lubitz@ci.belding.mi.us	18-6-05
Q37N	Fireground Survival/RIT	Matt Wedde, et al	The program is made up of three modules: Firefighter Survival, Firefighter Rescue, and Rapid Intervention Team Operations. The program, and associated curriculum, exceeds all aspects as outlined in NFPA 1407 Standard for Training Rapid Intervention Crews.	Matt Wedde mattwedde@yahoo.com	
Q37P	How to be a HIPP Firefighter	Alan Styles	Honor, Integrity, Pride, and Passion is what the Fire Service is built on for over 300 years. What does it really mean? Do you have it? Does your organization have it? How do you build it within your organization? This dynamic yet interactive presentation will reenergize and reset your Honor, Integrity, Pride and Passion within yourself. It will give you the motivation to return home to reinvigorate HIPP within your organization	231-286-2518, arsams1997@comcast.et	19-2-24
Q37Q	Down and Dirty FF Survival	Alan Styles	This course will use a "back to the basics" approach to get students to understand the importance of every firefighter having the skill set to affect self-rescue and function as a member of a Rapid Intervention Team.	231-286-2518, arsams1997@comcast.et	19-2-24
Q37R	MI/WI Fire & Life Safety Seminar	Michigan Fire Inspectors Society	This 1-day seminar is held in the upper peninsula, usually in Iron Mountain, near the Wisconsin border. This seminar targets fire inspectors/firefighters in the northern part of Michigan and Wisconsin who need and want training dealing with fire and safety codes.	MFIS www.MFIS.org	19-2-24
Q37S	VES: Beyond the Door	Brothers in Battle LLC	Beyond the door is not just speaking about physically searching beyond the door but thinking outside the check box that has consumed most VES training.	www.brothersinbattlellc.com	19-2-24
Q37T	Combat Ready Firefighting	Traditions Training	This interactive, multi-media based presentation will discuss the presence and effects of complacency in the fire service along with how and why we must combat it.	nmartin@combatreadyfire.com	19-2-24
Q37U	RIT - Awareness	John Brophy	RIT Awareness	John Brophy brophyjohnr@aol.com	19-6-10
Q37V	RIT - Operations	John Brophy	RIT Operations	John Brophy brophyjohnr@aol.com	19-6-11
Q37W	RIT Survival Techniques (8 hr.) - Connell	Brent Connell, Josh Cole, Jeff Tody	Classroom followed by hands on instruction including: Emergency air supply, assessing and packaging a firefighter, drags and carries, entanglement drills, SCBA emergencies, and disoriented firefighter.	810-614-6490 bconnell1169@gmail.com	20-2-11
Q37X	RIT Awareness & Ops - On Scene Training Associates	One Scene Training Associates	3 hour lecture and 1 or 2 days of firefighter survival training depending on the department's choice. This course is hands on and requires physical activity.	609-743-0166 onescenetraining.com	20-2-11
Q37Y	RIT Survival Techniques (16 hr.) - Connell	Brent Connell, Josh Cole, Jeff Tody	Classroom followed by hands on instruction including: Emergency air supply, assessing and packaging a firefighter, drags and carries, entanglement drills, SCBA emergencies, and disoriented firefighter.	810-614-6490 bconnell1169@gmail.com	20-2-11
Q37Z	MFTS - Rescue Our Crew	Derek Smith	This 12 hour course will cover calling the MAYDAY, team building skills and techniques for rescuing a downed firefighter from upper and lower level floors, stairwells, and tight hallways. This will be real world, hands on training for the firefighters who may be assigned to the RIT, or find themselves at the scene where these skills may make the difference between a rescue and a recovery of one of our own.	Meridian Fire Training Solutions LLC basherjr@hotmail.com 607-227-5001	11/10/2020
Q38B	Rapid Intervention Crew - Awareness	Justin Holmes - Brass Alarms	RIC-Awareness designed to meet the awareness skills aligning with NFPA 1407 (2015).	brassalarms@gmail.com	19-10-05
Q38C	Rapid Intervention Crew - Operations	Justin Holmes - Brass Alarms	RIC-Operations designed to meet the operations skills aligning with NFPA 1407 (2015).	brassalarms@gmail.com	19-10-05
Q38D	Detroit RIC	Anthony Watts	This course is designed to introduce basic, easy to use tactics for rapid intervention crews (RIC) and self rescue. These core competencies will set a solid foundation for more advanced training in the areas of RIC and self rescue.	Anthony Watts 313-995-2840 awatts3293@gmail.com	12/3/2021
Q38E	RIC Basics - Cory	Bandon Cory	This is a one-day (4-8 hour) course that gives you a look into the basics of setting up a RIC team. This course is set up for smaller departments that don't have all the resources that some of the bigger cities do. It will go over the basic set up and need for a RIC at all incident scenes. The duties of a RIC at a scene. The equipment of the RIC. It goes over assessment of a down firefighter and basic packaging of a down firefighter. There will also be a hands-on portion of the class going over the basic packaging of a down firefighter. This course will also go over and discuss the line of duty death of Ben Lauren on 3/13/2020 that the instructor was involved in.	Brandon Cory 906-250-7822 bccpru2080@gmail.com	12/3/2021

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	Course Name	Authorized Instructor(s)	Course Description	Contact Info	Meeting Date/Motion
Q38F	RIC Saving Our Own - Cory	Brandon Cory	This 2-day course is designed to further expand on RIC skills and saving one of our own. It will refresh the basic skills and understanding of a RIC and how one should be set up at a scene. This course will go further into different skills and more complex rescue techniques used in saving one of our own. Go over tools and equipment needed for a RIC and how to use them. This course will go into the psychological and physiological effects on one's body during a Mayday situation as the rescuers. During the course we will go over and discuss different LODD that have occurred and things as a fire service we have learned and skills that have been developed from those LODD. This course will go over the LODD of Ben Lauren in 2020 that the instructor was involved in. There is also different practical sessions going over basic skills, assessments, drags, rescues, search skills, confidence course, and scenarios.	Brandon Cory 906-250-7822 bccpru2080@gmail.com	12/3/2021
Q38G	RIC for the Rural Fire Department	Brandon Cory	Take a look into how to operate and set up a RIC/RIT in a rural department for either volunteer or full time. Not all areas get to have the ability to have enough units coming right away to a structure fire to have a specific RIC/RIT company. In this class, the presenter will go over the basic ways to set up a RIC/RIT company, what a RIC/RIT company tasks will be on the fireground, training, and the mentality we need as a RIC/RIT. The presenter will also discuss his experience during a RIC team activation and LODD that occurred in 2020. He will discuss the incident and what went right (and wrong) during the incident and the lessons learned from it.	Brandon Cory 906-250-7822 bccpru2080@gmail.com	2/14/2023
Q39B	Traffic Management	Instructors certified by MI-TIME/SHRP2	4-hour program designed to teach those responding to be able to identify and understand the hazards and risks present, equip themselves appropriately, and operate in a manner to better protect themselves, our customers and the motoring public from further harm. It also teaches the variety of responders to better work together and practice those skills to enhance the safety and efficiency of the total roadway response team.	www.michigan.gov/mi-timesafe	
Q39C	EVO Liabilities and Strategies	2 the Rescue	This 3-hour seminar goes above and beyond any mandated driver training and will modify your driving behavior. It examines your organization's guidelines and covers all of those areas that are critical for safe, legal, and efficient response. Organizational liability; legal privileges and exemptions; reckless disregard and due regard; intersection clearing strategies; POVs, tankers and seat belts; braking capabilities and limitations; emergency equipment limitations; vehicle inspections and maintenance.	616-262-8455 twotherescue.com	
Q39E	Drivers Training Obstacle Course	Schoolcraft College Instructors	Schoolcraft College would provide the instructors, condos, paperwork, certifications even the shade with their Mobile Training Unit. This program sets up and runs the driver training obstacle course.	Schoolcraft College 734-462-4314	
Q39F	SAVER Sub-Apparatus Vehicle Emergency Response	Schoolcraft College Instructors	This course is to fill the knowledge, skills and abilities gap that exists related to driving sub-apparatus sized (cars and SUVs) vehicles in a response mode without proper "behind-the-wheel" training. This one-day class will be 1-2 hours of lecture and 6-7 hours of skills improvement training. Both portions are assessed. This program covers many components of MIOSHA Part 74, Michigan PA 300 Excerpts, NFPA 1451, ISO, IAFC/VCOS, NFFF-Life Safety Initiative #11. Certificates will be issued to successful students and MI EMS CEs will be available. This course is capped at 15 students due to the required driving time and focused training each student will receive. As a high risk/low frequency event, the instructor to student ratio is 1:3 plus a dedicated safety officer. The closed-course, well maintained fleet of vehicles and high caliber instructors make this a very safe program. At a cost of \$300 per student for an all day hands on class to reduce risks and liability it is a great value. \$4,500 each class with 15 students.	Schoolcraft College 734-462-4314	17-8-023
Q39J	RFA Ethanol Emergency Response	Jerry Becker	This course is designed for individuals who will respond to ethanol-related emergencies as well as those who work at fixed-facilities and transport fuel.	Jerry Becker, BECKERJ@CLARECO.NET	
Q39K	Electric Vehicle Response	Patrick Durham	This 2 hour lecture will discuss the many challenges electric vehicles will pose to firefighters. Patrick developed this course based on his personal knowledge gained while designing electric vehicle battery structures, combined with information from the NFPA field guide for alternative fueled vehicles. The agenda will include: Electric Vehicle (EV) Background; EV Construction; EV General Response; EV Extrication Response; EV Vehicle Fire Response Post Incident Considerations; High Voltage Batteries - Infrastructure	Patrick Durham 248-550-6135 stachedtraining@gmail.com	10/12/2021
Q39L	Responding to Gasoline Tanker Emergencies	Batt. Chief (ret) Leigh Hollins	This class will review the construction features and various components of the MC306/406 gasoline tanker, which is the most common hazmat transport tanker/truck on the roads of the US. There will also be discussion/information about the chemistry/properties of the materials carried by these tankers, mostly gasoline and diesel fuels. The class will also highlight the various safety features on the tanker and how all the systems operate so that emergency responders have a basic working knowledge of the tanker features in the event of a leak, spill, rollover, or fire situation. Actual case history of several incidents will be reviewed and if possible a tanker will be on display to view the features that were taught in the class.	Leigh Hollins 941-374-6374 starfireTS@aol.com	10/18/2022
Q39M	Alternative Fuel Vehicle Response	Robert Blasetti	There are over 15 million alternative fuel vehicles on American roadways today. We have developed the Alternative Fuel Vehicles Training Program to help firefighters handle the unique challenges presented by these new technologies. This program explains the most common fuel system types, components significant to rescuers, safety precautions, and procedures for incidents involving alternative fueled vehicles. This program includes four hours of classroom learning and four hours of hands-on training, including an overview of the vehicles safety restraint systems, special considerations for Electric Vehicle Extrication, and Electric Vehicle fire operations. (8hours)	Rob Blasetti 239-810-1176 rob@trainingtoperformunderpressure.com.com	2/14/2023

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	Course Name	Authorized Instructor(s)	Course Description	Contact Info	Meeting Date/Motion
Q39N	NEW Risk-Based Response to Battery Emergencies	Hazard3 Staff	This 8-hour course includes classroom and hands-on training to prepare responders to conduct risk-based response to battery emergencies for multiple types of batteries including Lithium-Ion (Li-Ion). The course covers batteries found in transportation including passenger vehicles, ground transport, air and sea shipping, as well as residential, commercial, and industrial settings.	248-238-8509	4/11/2023
Q39O	Emergencies with Electric Vehicles	Lance Forrest	This course will teach students how to prepare for emergencies with electric vehicles. They will also learn about the construction and make up of the Lithium-Ion battery. It is a 4-hour E/V class that covers the high voltage systems and extrication of the Tesla models S,3 and X. It also contains lots of useful information and concepts that can be used on any electric vehicle of any make or model. We will also discuss some helpful tools that are on the market now to help aid First Responders in mitigating emergencies with electric vehicles.	810-614-6562; nightrainlance@gmail.com	8/8/2023
Q39P	Emergency Response to Electric Vehicle Incidents	Chris Soda	Electric Vehicle response class for first responders covering battery technology, vehicle chargers, extrication, and vehicle fires.	708-426-9569; chrissoda@junkyarddogextrication.com	2/13/2024
Q39Q	Impact of Lithium-ion, BEV, and BESS on the Fire Service - Building a Training Program 8 Hours	Michael O'Brian, Adam Carroll, Greg Mowbray	The proposed lecture and practical is for a 8 hour block of instruction / overview to participants/instructors. The goal of this program is to educate fire service instructors on the current topics related to Lithium-ion, BESS and BEV. With the delivered content, the attending fire service instructor / department leader will have the tools and know how to build a program meeting their departments needs and or future needs.	810-229-6640; obrian@brightonareafire.com acarroll@hartlandareafire.com mowbray@brightonareafire.com	2/13/2024
Q39R	Impact of Lithium-ion, BEV, and BESS on the Fire Service - Building a Training Program 4 Hours	Michael O'Brian, Adam Carroll, Greg Mowbray	The proposed lecture is for a 4 hour block of instruction/overview to participants and/or instructors. The goal of this program is to educate fire service instructors on the current topics related to Lithium-ion, BESS, and BEV. With the delivered content, the attending fire service instructor/department leader will have the tools and know how to build a program meeting their departments needs and or future needs.	810-229-6640; obrian@brightonareafire.com acarroll@hartlandareafire.com mowbray@brightonareafire.com	2/13/2024
Q39S	Drive to Survive - The Art of Wheeling the Rig - Online Program	Christopher Daly	"Drive to Survive" addresses advanced topics not normally covered in fire apparatus driver training programs, including: vehicle dynamics, air brakes, brake fade, roadway friction, stopping distance, rollovers, siren limitations, intersection crashes, and tire blowouts. The class also addresses issues for the chiefs and officers responsible for emergency vehicle or driver training programs. The class has been taught to over 26,000 emergency responders at over 610 locations across the United States, including 19 years at the Fire Department Instructor's Conference in Indiana. The class is now available on-line to increase the reach of this important fire service training topic.	610-960-7248 station56@aol.com	4/9/2024
Q39T	Lithium-Ion Battery Safety and Emergency Response	Patrick Durham	This comprehensive Lithium-Ion battery course covers everything from individual cells to large modules, across various applications like laptops, cellphones, power tools, e-scooters, and lawnmowers. Participants gain insight into construction, failure modes, and emergency handling, focusing on scene safety, including thermal runaway and chemical hazards. Emphasis is placed on post-incident procedures for effective cleanup and management of battery-related emergencies.	248-550-6135 stachedtraining@gmail.com	4/9/2024
Q39U	Lithium-Ion (Li-Ion) Battery Awareness Course - Fire Department Train the Trainer (T3)	Curt Thompson	In this course we will discuss several types of li-ion batteries and where they are used. We discuss personal mobility devices, BESS units, and small items such as phones, vape pens, and other devices. We will discuss common issues and the tactics to handle Li-ion batteries including, where to anticipate Li-ion batteries may be found, how to identify Li-ion batteries, how to protect yourself and others from the hazards, and who to call if batteries require intervention. We will also cover various tactics as they relate to Firefighting activities. This is a train the trainer course allowing you to teach those in your agency only.	Curt Thompson curt@righttrackrs.com	24-10-06
Q39V	Adapt and Overcome: Responding to Electric Vehicle Incidents	John Sawyers	The goal of this program is to provide guidance and understanding about electric vehicle fires. Electric vehicles are a new hazard for the fire service with very little information on how to handle them. Utilizing many researched sources from subject matter experts across the lithium ion and electric vehicle world, firefighters will have general knowledge about the dangers of electric vehicle fires and lithium ion batteries, and be provided with strategies, tactics, and equipment needed to mitigate them.	jsawyers1428@gmail.com 734-765-9535	24-12-03
Q40C	Surface Water Rescue	MUSAR Training Foundation	NFPA 1670 and NFPA 1006 related to use and selection of PPE and specific rescue techniques related to surface water rescue.	www.musartrf.org	16-12-013
Q40D	Basic River Rescue - Operations	Michigan Rescue Concepts	Shore and boat assisted rescue. Throw bag and tag line training.	www.michiganrescueconcepts.com	
Q40E	Swift Water Rescue	Michigan Rescue Concepts	SWIFTWATER/FLOOD RESCUE – This is a three day course. Students who successfully complete the classroom portion, practical evolutions, and final exam will receive "Technician Level" certification compliant with NFPA 1670 & NFPA 1006. Class size may range from 10 – 25 students. This course takes the student through the Awareness and Level training according to NFPA guidelines. This course covers swiftwater/flood rescue operations, throw bag techniques, shore and boat based rescue, offensive and defensive swimming, reading the river/flood for hazards, self rescue techniques, entrapment, rescue and rope rigging.	www.michiganrescueconcepts.com	18-4-017
Q40G	Basic Water with Boat Operations	Michigan Rescue Concepts	This class will instruct firefighters regarding boat operations and open water rescue for those in need of rescue on lakes or large bodies of water. Class consists of lecture and discussion for the first four and a half hours, and practical activities for the remaining class time, cumulating with an exam for certification purposes.	www.michiganrescueconcepts.com teri@michiganrescueconcepts.com	12/2/2022
Q40H	Basic Water Rescue	Mike Brandt	This course is designed to provide emergency personnel the basic working knowledge of water rescue. This will be done in a lecture presentation and practical evolutions. Items will include size up, equipment and resources, rescue techniques and victim care. This course follows NFPA 1670 & 1006. Those who complete this course in it's entirety will be certified to the level of Water Rescue Technician, good for 2 years.	mjbrandt702@aol.com	8/13/2024 24-08-06
Q42A	Responding to Utility Emergencies course	Doug DeBest	This course is designed to increase the emergency responder's knowledge of electricity and natural gas. This 12-hour course includes both electrical and gas response for defensive operations.	debestfire@hotmail.com	15-08-006

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Q42B	DTE/MFSIA Electrical Safety Training Program	MFSIA Authorized Instructors through TIT	The Electrical Safety Program consists of printed materials, video content, and a formal instructor led course to educate firefighters within the DTE Electric service territory on basic to advanced electrical emergencies. Initially this will be held in the DTE 13 county area but is open in other areas as well.	313-235-3809 russel.pogats@dteenergy.com	19-12-13
Q44A	Training for Failure	Dr. Richard Gasaway	Mental Management of Emergencies Seminar	www.richgasaway.com	15-06-007
Q45A	Forcible Entry	Search and Destroy, LLC	Training responders to recognize, assess, and negotiate the different types of doors and locks.	586-231-1478	15-06-008
Q45B	K-12 Rotary Saw Operations	Rise Above Fire Training	Blade selection, small engine basics, safe handling, body position, various cutting techniques.	riseabovefiretraining@hotmail.com	
Q45C	Through-the-lock	Rise Above Fire Training	Tool selection, lock and door size-up, non-destructive entry.	riseabovefiretraining@hotmail.com	
Q45D	Irons-Forcible Entry	Rise Above Fire Training	Tool selection, door and frame size-up, forcing doors.	riseabovefiretraining@hotmail.com	
Q45E	Irons 101	Fortitude Fire LLC	The Irons 101 class strives to bridge the gap between contextual learning and the confidence that can only be gained through hands-on training and repetition. Students will be exposed to numerous facets of forcible entry from pre-planning to door control that will lead to increased proficiency and safety on the fireground.	fortitudefirellc@gmail.com	18-2-023
Q45F	Forcible Entry 4-Hour	Oakland Community College Instructors	The purpose of this 4-hour course is to provide students the opportunity to develop their forcible entry skills via hands on training with a variety of props. Students will gain the knowledge, skills, and abilities to obtain entry into a building in the safest, most efficient manner to protect life and property.	Oakland Community College	18-4-012
Q45G	Forcible Entry 8-Hour	Oakland Community College Instructors	The purpose of this 8-hour course is to provide students the opportunity to develop their forcible entry skills via hands on training with a variety of props. Students will gain the knowledge, skills and abilities to obtain entry into a building in the safest, most efficient manner to protect life and property.	Oakland Community College	18-4-013
Q45H	Ventilation / Forcible Entry	Lansing Community College Instructors	Portable trailer that can be delivered to any fire department in Michigan. The roof prop can go from flat to a 12/12 pitch. Trailer also has a forcible entry prop. LCC provides the instructors to run students thru this hands-on learning experience.	Lansing Community College	17-8-004
Q45I	SOFA Basic Forcible Entry Techniques	SOFA Instructors	The course will provide students the opportunity to improve and enhance their forcible entry skills to effectively obtain entry into a building in the safest and most efficient manner to protect life and property; through both lecture and practical exercises.	rginther@beverlyhillspolice.com 248-721-0758	11/10/2020
Q45J	LSSU Forcible Entry	LSSU RTC Instructors	This course will cover basic forcible entry principles and methods, as well as give the student the ability to observe, practice, and improve skills on a real world prop.	Lake Superior State University nvaught@lssu.edu	19-2-24
Q45K	SOFA Advanced Forcible Entry Techniques	SOFA Instructors	The SOFA Advanced Forcible Entry Techniques course will provide students the opportunity to improve and enhance their forcible entry skills to effectively obtain entry into a building in the safest and most efficient manner to protect life and property; through both lecture and practical skills exercises. Students will participate in practical scenarios that involve on various forcible entry props designed for this purpose.	rginther@beverlyhillspolice.com 248-721-0758	11/10/2020
Q45L	LCC Basic Irons	Lansing Community College Regional Fire Training Center Staff	This course serves as an introduction to forcible entry utilizing an axe and halligan.	517-483-5227 bakert3@lcc.edu	6/13/2023
Q46A	Tactical Company and Ladder Ops (Live Fire)	Oakland Community College Instructors	Oakland Community College on-site training using burn and tower facilities.	Oakland Community College Instructor	15-10-005
Q46B	SOFA Basic Ground Ladder Techniques	SOFA Instructors	This course will provide students the opportunity to improve and enhance their skills to effectively retrieve, carry and deeply ground ladders in the safest and most efficient manner to complete fire ground operational tasks that protect life and property through both lecture and practical skills exercises.	rginther@beverlyhillspolice.com 248-721-0758	12/4/2020
Q46C	SOFA Advanced Ground Ladder Techniques	SOFA Instructors	The course will provide students with the opportunity to improve and enhance their skills to effectively retrieve, carry, and deploy ground ladders in the safest and most efficient manner to complete fire ground operational tasks that protect life and property through both lecture and practical skills exercises.	rginther@beverlyhillspolice.com 248-721-0758	11/10/2020
Q47B	Max Fire - Interactive Learning	Max Fire Training, Inc.	This interactive live fire training simulator will be able to demonstrate rollover/flameover, flashover, backdraft, smoke explosions, volume, velocity, density, and smoke color, thermal layering, flammable limits, door control, flow path, the fire behavior curve, ignition temperature, and pyrolysis. This interactive training prop allows instructors to not just talk about fire behavior but demonstrate the theories and science learned in the classroom.	maxfirebox.com	
Q47C	Live Fire Attack	Lansing Community College Instructors	NFPA 1403 compliant live fire training.	pawlukw@lcc.edu	
Q47D	Live Fire Training	Rescue Resources LLC	Provides comprehensive direction and establishes procedures for the management, safety, and welfare of fire suppression personnel during Live-Fire training evolutions, in compliance with the NFPA 1403 Standard on Live-Fire Training Evolutions.	Steve Funk 269-838-1930	18-2-005
Q47E	MAFD Live Fire	Metro Airport Instructors	Live ARFF Fire training in compliance with NFPA 1403 standards on live fire training evolutions. These burns will also encompass training for Aircraft Rescue and Firefighting in accordance with AC NO: 150/5210-17C FAA guidelines and standards for firefighter training programs. This drill must include at least a pit fire with an aircraft mock-up, using enough fuel to provide a fire that simulates realistic firefighting conditions. The conditions should simulate the type of fire that could be encountered on an air carrier aircraft at the airport. The drill should provide an opportunity for the firefighting team familiarized with the use of all fire extinguishing equipment, enhance their confidence and abilities with the equipment they will use in an actual accident/incident, and develop tactics, strategies, and procedures. If possible, a simulated rescue of aircraft occupants will help create a realistic simulation.	Adam Brown adam.brown@wcaa.us	
Q47F	Positive Pressure Attack and Ventilation	DFD RTC Staff	This course involves careful examination of performing a pressurized fire attack. Participants are intended to fully participate in the course and are expected to competent firefighters.	Detroit Regional Training Center 313-237-2775	
Q47G	SOFA Basic Hose Management & Nozzle Attack	SOFA Instructors	This course will provide students the opportunity to improve and enhance their hose line deployment and control skills as well as to effectively contribute to fire control and suppression operations in the safest and most efficient manner to protect life and property through both lecture and practical exercises.	rginther@beverlyhillspolice.com 248-721-0758	11/10/2020

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	Course Name	Authorized Instructor(s)	Course Description	Contact Info	Meeting Date/Motion
Q47H	SOFA Advanced Hose Management & Nozzle Attack	SOFA Instructors	This course will provide students the opportunity to improve and enhance their hose line deployment and control skills as well as to effectively contribute to fire control and suppression operations in the safest and most efficient manner to protect life and property through both lecture and practical exercises.	rginther@beverlyhillspolice.com 248-721-0758	11/10/2020
Q47I	Nozzleman Academy Part I - Przybylski	Robert Przybylski	Short lecture and hands on practical designed to span the gap between fire academy and real world application. Students will build upon fire theory learned in their academy class to have a clearer expectation of how their actions as a nozzleman effect the fire ground. Student will begin to build decision making processes that allow them to operate more quickly and effectively on the fire ground. Practical evolutions will focus on the role of the nozzleman and backup man from the time the parking brake is heard to the time the fire is knocked including: The stretch, basic nozzle positioning, water mapping, hit and move, and flowing while moving. Class will operate as a prerequisite for NFPA 1403 compliant live fire training.	Robert Przybylski, 810-360-9790 rprzybylski3@gmail.com	12/3/2021
Q47J	Nozzleman Academy Part II - Przybylski	Robert Przybylski	NFPA 1403 compliant live fire training. Training consists of 2 separate sets of evolutions. First evolution will focus on building knowledge of fire growth and development. Second set of evolutions will focus on building appropriate muscle memory during fire attack under live fire conditions. Nozzleman Academy I is a prerequisite for this class.	Robert Przybylski, 810-360-9790 rprzybylski3@gmail.com	12/3/2021
Q47K	Foam Operations for Flammable Liquids	John Smailnak	This course will review the history of foam and foam types. The different types of flammable liquid fuels (hydrocarbon-polar solvent) and physical/reactive characteristics of each and how they react to different foam concentrates will also be discussed. Foam application equipment and techniques will be reviewed as well as demonstrated. Students will learn how to calculate and use proper foam hydraulic application rates as well as determine amounts of concentrate needed for an incident. This course will be delivered in classroom format as well as "hands-on" practical exercises.	John Smailnak 734-502-1335; johnesmailnak@gmail.com	6/14/2022
Q47L	Growing Concerns and Cultivating Safety (Marijuana grow operations concerns)	Adam Munro	The 3 hour course is intended to provide participants with the knowledge needed to help keep themselves and fellow firefighters safe while operating at a suspected marihuana grow operations. Program includes common: Identification of electrical service panels, identification of electrical modifications to the buildings, hazards associates with electrical overloads, health hazards from the grows, structural modifications, suppression concerns, HVAC modifications, and Situational Awareness while conducting a Size up and 360 to prepare the interior crews for suppression activities. Class Capacity 30	Adam Munro 810-531-0922 am9210@yahoo.com	6/14/2022
Q47M	Live Fire Instruction	Curtis Walters or AHJ Approved Instructor	This course will provide live fire instruction to area firefighters and to new fire recruits. This course will adhere to NFPA 1403 standard in a controlled environment while providing initial and advanced fire behavior education. Participants will conduct basic and advanced fire suppression tactics, including: hose line movement, search and rescue and coordinated fire attack. Also, this course will provide education on incident safety, accountability, and command structure.	231-313-6293 cwalters0766@gmail.com	10/17/2023
Q47N	Irons and The Can	Rob Blasetti	The Water Can is an essential tool in combating fires, especially in situations where hose line support is unavailable. Our program emphasizes the practical and tactical use of the Water Can under live fire conditions, ensuring that participants gain hands-on experience and confidence. This unique program prepares firefighters for these types of life-or-death incidents. In this class, attendees will combine Forcible Entry, Search, and Water Can confidence to help enhance performance. Our approach combines theoretical knowledge with practical demonstrations. Utilizing our reality-based training methodology, we will gradually work to accomplish all training objectives and finish with high-level scenarios under live fire.	239-810-1176 rob@trainingtoperformunderpressure.com	4/9/2024
Q47O	Live Fire Training	Brent Doxtader	This course will expose you to three different Live Fire Scenarios. The scenarios will cover areas dealing with fire behaviors, temperatures, thermal layering, ventilation effects on fire, water stream effects on room temperatures and fire, along with hose management dealing with advancing charged or uncharged hose lines up stairways, even door control with room entries into a fire room.	DOXTADERB1362@detroitmi.gov	24-12-03
Q47P	Live Fire Training	Jason Deneau / Southfield Fire Department Training Division	This Live Fire Training course is designed to reinforce skills previously learned by firefighters by providing classroom review on various fireground topics such as initial arrival, handline deployment, tactical considerations, 360 assessment, water supply, line advancement, ventilation, search and rescue, fire extinguishment and more. Following NFPA 1403 guidelines, students will then apply their knowledge to practical scenarios under live fire conditions. Students will experience several scenarios that will require them to use their problem-solving skills to successfully work in a dynamic firefighting environment.	248-640-2914 jdeneau@cityofsouthfield.com	24-12-03
Q50B	Calling the Mayday	John Brophy	This class is designed to increase the awareness of both career and volunteer firefighters and related emergency service personnel who may be required to call a mayday or respond to a mayday incident.	201-407-8902 brophyjohnr@aol.com	
Q52A	NFPA Fire Inspector I	Marty Myers	a comprehensive program that addresses the rescue of arborists, hunters, parachutists, and individuals not already in a harness. It explores important safety and operational aspects not found in similar classes. There is a strong emphasis on gaining acc	mmyers@kvcc.edu	
Q52B	NFPA Inspector II	Marty Myers	Following the successful creation of the Certified Fire Inspector I (CFI-I) certification program in 1998, further requests by local entities, state agencies, and national organizations prompted the NFPA to develop the Certified Fire Inspector II (CFI-II) certification program.	mmyers@kvcc.edu	

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Q52E	NFPA Plans Examiner	Marty Myers	It is the particular mission of the NFPA Certified Fire Plan Examiner (CFPE) program to promote professionalism within the fire plan examiner field-of-practice through a widely accepted, recognized, appreciated, and practical certification program.	mmyers@kvcc.edu	
Q52F	DFD Fire Investigation Training	Capt. D. Richardson, Lt Hill-Harris	The Fire Investigation and Hands-on Experience Course is designed to give new investigators the basic skills needed to conduct thorough origin and cause investigations and provide practical experience at actual fire scenes.	Detroit Fire Department - Fire Investigation Division, richardsond@detroitmi.gov	19-2-24
Q52G	DFD Fire Investigation Training - Practical Application & Hands On Experience	Capt. D. Richardson, Lt Hill-Harris	The Fire Investigation: Practical Application and Hands-on Experience Course is designed to give new investigators the more in depth skills to complete fire origin and cause investigations and provide additional practical experience at actual fire scenes. This	Detroit Fire Department - Fire Investigation Division, richardsond@detroitmi.gov	4/13/2021
Q52H	OCAAFFII Annual Origin and Cause Seminar	OCAAFFII instructors	Oakland County Association of Arson and Fire Investigators Annual Origin and Cause Seminar. Seminars focus on featured topics surrounding modern practices for origin and cause investigations instructed by subject matter experts. The annual seminar is a tested seminar with CE points available for State of Michigan CFI, NAFI certifications, and IAAI certifications. In addition, this seminar is eligible for CE points for State of Michigan BFS.	www.ocaaffii.org	6/14/2022
Q53A	MSP Basic Fire Investigation School	Michigan State Police Fire Investigation Unit	Fire Investigation I School is presented by the Michigan State Police, Special Investigation Division. The purpose of the program is to provide investigators with a solid foundation of fire investigation skills. A variety of methods and resources will be utilized to facilitate learning, including classroom lecture and hands-on training.	MSP Fire Investigation Unit 517-333-4587	
Q54A	Advanced Pump Operator	Dan Evans	20-hour alternative to the Michigan Fire Fighters Training Council approved 40-hour PAO (B01B) course.		15-12-012
Q54B	Pump Operations Class	Eric Burghardt	This course is to educate driver/operators who are responsible for operating apparatus equipped with fire pumps.	269-375-0487	18-2-014
Q54C	Basic Pump Operations	John Smilnak	This two (2) day course is designed to educate pump operators or those wishing to renew pump op skills. Basic plumbing, pump operations, rule of thumb hydraulics, and water supply issues will be discussed in a boot camp format.	johnesmilnak@gmail.com	18-4-015
Q54D	Pump Operator - Overcoming Real World Challenges	Dan Evans	This 8-hour course is designed to challenge the pump operator to deliver the NFPA required flow rates in real world scenarios while maintaining an adequate water supply.	devansfire@gmail.com	19-10-07
Q54E	SOFA Advanced Fire Equipment Operator	SOFA Instructors	Improve and enhance students pump and aerial operation skills through lecture and practical training. Students will participate in scenarios that involve problem solving in an effort to maximize the effectiveness of the fire apparatus on a fire ground.	248-721-0758 rginther@beverlyhillspolice.com	20-2-11
Q54F	SOFA Basic Fire Equipment Operator	SOFA Instructors	Basic Operator course will provide students the opportunity to Improve and enhance their pump operation skills through lecture and practical training. Students will participate in scenarios that involve problem solving in an effort to maximize the effectiveness of the fire apparatus on a fire ground.	248-721-0758 rginther@beverlyhillspolice.com	20-2-11
Q54G	Engine/Truck Hands On Training - On Scene Training Associates	On Scene Training Associates	This course is designed to provide personnel with extensive hands on evolutions that will include engine company operations. The truck company portion will include portable ladders, search techniques, ventilation, and several other techniques for short staffed crews.	609-743-0166 onscenetraining.com	20-2-11
Q54H	Modern Engine Operations - Stawecki	Steve Stawecki & Chris Gruener	The focus of this class is how to combat today's modern fire environment. Topics covered include knowing your flows, attack packages (1 ¼, 2 ¼ and 2 ½ lines), nozzles, hydraulics, hose loads and deployment. This is an interactive and hands on class discussing the importance of applying large volumes of water (gallons per minute) to reduce the amount of heat (BTU's) that is generated in today's building construction. The importance of stretching the first line correctly, delivering decisive amounts of water by handlines and deck guns are reviewed. Students are given the critical knowledge, skills, and abilities to plan, test, train, and execute safe and intelligent aggressive fire attack operations.	586-382-5655 stephenstawecki@yahoo.com	11/10/2020
Q54I	Truck Functions School	Robert Blasetti	You don't have to ride a "truck company" to perform truck company functions. In this 2.5-day class, attendees will perform residential primary search, Vent-Enter-Search, Ground Ladders, Forcible Entry and Victim Rescue and Ventilation. Instructors will put together a complex scenario to tie all of the objectives together to help with game speed and performance.	Robert Blasetti 239-810-1176 rob@trainingtoperformunderpressure.com	2/14/2023
Q56A	Wide Area Search	MUSAR Training Foundation	30-hour Large Scale Incident Search course covering FEMA Search and Rescue Marking, GPS, map and compass, and grid searches.	www.musartf.org	15-12-014
Q56B	Search Management	Anthony Marzano, Elizabeth Reimink	This course teaches students how to manage a missing person incident by building upon advanced incident management concepts. This course is designed for individuals responsible for coordinating the initial and on-going search operations by improving knowledge of State and Federal Search & Rescue authorities and resources, lost person behavior, initial search techniques, and extended operational considerations. Since most rural fire departments are heavily involved in wilderness search operations, this class will train fire personnel to work closely with law enforcement and other search partners.	Anthony Marzano emtanthony@gmail.com Liz Reimink liz_reimink@yahoo.com	8/10/2021
Q56C	Building Collapse Technician Level	MUSAR Training Foundation	NFPA 1670 and 1006 compliant program covering collapse rescue	www.musartf.org	
Q56D	Confined Space Rescue Technician	MUSAR Training Foundation	The goal of this course is to prepare responders to operate as a local member of a regional team within the NIMS at a CBRNE or WMD event requiring statewide response that has resulted in the need for permit required confined space rescue at the Technician level.	www.musartf.org	
Q56E	Confined Space Rescue Awar. - Cieslik	John Cieslik - Online Program	This course is designed to provide confined space rescue training at the awareness level. After completing the program participants will be able to perform initial sizeup of the incident, recognize when an incident has unique hazards, take defensive actions, summon resources that can take definitive actions, and perform support functions at a technical rescue.	vanholstyn@ersintl.org	20-2-11

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	Course Name	Authorized Instructor(s)	Course Description	Contact Info	Meeting Date/Motion
Q56F	Mountain Rescue Workshop	Michael DeCraene	This course is a minimalist approach to mountain rescue procedures and teaches the access, stabilization and extrication of patients involved in mid-face free or aid climbing accidents, especially those where the accident site is only accessed from below. The student will learn how to design and build system anchors from bolts, pitons and active and passive rock climbing camming devices.	mpdecaene@gmail.com	12/2/2022
Q56G	Personal Skills Rescue Workshop	Michael DeCraene	This course is designed for the serious rope rescue practitioner wishing to improve their personal rigging skill and capability. Students will practice their skills and learn to work together as a team in successful retrieval of patients in a non-threatening environment.	mpdecaene@gmail.com	12/2/2022
Q56H	Team Skills Rescue Workshop	Michael DeCraene	This course is ideal for industrial and wilderness rescue teams and is designed to begin where the Personal Skills Rescue Workshop leaves off and carry on into more demanding rescue practices and team-building skills. Emphasis is placed on the "why" we do something rather than the "how". Students as a team will learn how to build seemingly complex arrangements for reaching, treating and extricating a patient from the vertical high angle environment.	mpdecaene@gmail.com	12/2/2022
Q57A	Machine Rescue Technician Level	MUSAR Training Foundation	NFPA 1670 and NFPA 1006 related to trapped victims in machine, conveyor, lift tables, presses, etc.	www.musarftf.org	16-12-012
Q57C	Artificial High Directional Ropes	Reed Thorne of Ropes that Rescue	This is a seven (7) day advanced level hands on training program that addresses a critical and complex component of rope rescue; the artificial overhead anchor. The program is taught by Reed Thorne of Ropes that Rescue in a train the trainer format that is suitable for fire, technical rescue strike team, USAR task force and rope access professionals.	www.ropesthatrescue.com	
Q57E	Rope Rescue Technician Level (Ops +)	MUSAR Training Foundation	48-hour course covering an eight (8) hour operations review and a 40-hour NFPA Technician Level Rope Rescue Program.	www.musarftf.org	
Q57F	PRO Rope Rescue Operations	Pioneer Rescue & Outfitters	This is a class that starts at the awareness level and stops at the operations level. Safety for both the rescuer and victim is stressed throughout.	Training@pioneerrescue.com	19-2-27
Q57G	PRO Rope Rescue Technician	Pioneer Rescue & Outfitters	This is a class that starts at the technician level. Operations level certificate is required to take this course.	Training@pioneerrescue.com	19-2-27
Q57K	SOFA Personal Escape Systems and Bailout Techniques	SOFA Instructors	The SOFA Personal Escape Systems and Bailout Techniques course will provide students the opportunity to understand the need for personal emergency escapes and be familiar with the techniques that may allow for them to self-rescue. Students will become familiar with personal escape and bailout techniques as well as participate in scenarios that involve their use of both the learned techniques and equipment.	248-540-3417 rginther@beverlyhillspolice.com	20-6-9
Q57L	MUSAR Awareness/Ops Level Rope Rescue	MUSAR Instructors	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.	Dave VanHolstyn, 616-299-5772, truckff@yahoo.com	2/9/2021
Q57M	Technical Rescue, Rope Operations - Martin	Dan Martin - Safety Compliance Services, Inc.	The course will cover Rope Rescue Awareness and Operations level of technical rescue. NFPA sections 5.1.1 - 5.1.5 and 5.2.1 - 5.2.24. Attached is a lesson plan with Job Performance Requirements required to complete the course. Since the course is designed for 12 at this time we are opening registration via email only to Scott Wilkinson, and allowing South Haven Area Emergency Services Department, and Covert Fire Department personnel to attend this course. In the future we are looking to open the course to all surrounding departments.	Dan Martin, 315-451-3130, dmartin@scssafety.com	12/3/2021
Q57N	Rescue From Trees - VanHolstyn	Dave VanHolstyn	A comprehensive program that addresses the rescue of arborists, hunters, parachutists, and individuals not already in a harness. It explores important safety and operational aspects not found in similar classes. There is a strong emphasis on gaining access to victims and work positioning in trees; as well as training on chain saw handling, knowledge of limbing and bucking techniques and safety considerations. Other modules include: performing a risk assessment, anchoring and rigging physics, team logistics, patient packaging options and more. Participants must have previous rope rescue training.	Dave VanHolstyn, 616-299-5772, dvanholstyn@gmail.com	12/3/2021
Q57O	Rope Rescue and Confined Space Awareness - Betts	Kenneth Betts	This course is designed to cover equipment orientation, initial actions and hazards at technical rescue incidents involving rope or confined space. Students will be introduced to basic, easy to use tactics for non-entry rescues involving a rope rescue or confined space incident. These core competencies will set a solid foundation for more advanced training in the areas of rope rescue and confined space.	Kenneth Betts 313-461-9875 kenbetts8541@gmail.com	12/3/2021
Q57P	SOFA Rapid Intervention Team Deployment	Robert Ginther - South Oakland Fire Association Training Coordinator	The SOFA Rapid Intervention Team Deployment course builds on initial Rapid Intervention Team skills to provide students with the ability to effectively execute Rapid Intervention Team (RIT) Operations. From team assembly and assignment of task positions upon arrival, to the deployment of rescuing a firefighter that has called a MAYDAY, this course not only continues to develop primary RIT skills but also serves as a refresher for seasoned fire fighters. Students will participate in scenarios that involve problem solving to maximize their effectiveness at an incident that a MAYDAY has occurred.	248-721-0758; rginther@beverlyhillspolice.com	2/13/2024
Q58A	Building Collapse Technician Level	MUSAR Training Foundation	MUSAR Collapse training	www.musarftf.org	15-12-015
Q58B	Structural Tower Rescue	David Van Holstyn	5-day in-depth, hands-on course emphasizing rescue from the ground up in reference to structure-based and ground-based towers.		16-12-009
Q60B	Accident Scene Safety & Traffic Control	2 the Rescue; Terry Bykerk & Mike Wierenga	Firefighters will learn life saving skills and practical skill applications to maintain compliance with the Emergency Vehicle Safety Initiative, Manual of Uniform Traffic Control Devices (MUTCD) regulations, DOT and OSHA requirements resulting in a safer work zone.	616-262-8455 twotherrescue.com	18-4-018

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Q61A	Emotional Wellness and Career Survival (Behavioral & Mental Health Funding can be used for this class)	2 the Rescue; Terry Bykerk & Mike Wierenga	This three (3) hour seminar is unique in that it is designed for your family, friends, and loved ones to attend right along side you. The instructors will use years of front line personal experiences with line of duty deaths, tragedies, losses and self destructive behavior to clearly identify the pitfalls and challenges that the exposure to trauma, stress and grief presents. You will learn realistic ways to manage this emotionally demanding profession	616-262-8455 twotherescue.com	
Q61B	Health and Safety Summit (Behavioral & Mental Health Funding can be used for this class)	NFFF Instructors	This 2-day training summit including the following topics: current topics in Fire Service Risk Reduction (CTFSRR); Delivery of the baseline Courage to Be Safe (CTBS); NFFF Stress First Aid (SFA). Instructor I & II certified instructors can attend additional time and receive the Totty for the CTBS and SFA classes.	301-447-1365	
Q61D	IAFF Peer Support/Mental Wellness (Behavioral & Mental Health Funding can be used for this class)	IAFF Instructors	Learn and practice skills to effectively become a peer counselor and establish your own peer support team. The stresses faced by fire service members through the course of their careers can have a cumulative impact on mental health and well being. Peer support programs have even demonstrated to be an effective method for providing support to occupational groups, including firefighters. After completing the IAFF training, members will become IAFF Trained Peer Supporters and have the necessary knowledge and skills to provide support to their peers; educate brothers and sisters about behavioral health; serve as a bridge to behavioral health programs and community resources; and build or enhance their peer support programs.	International Association of Fire Fighters (IAFF)	
Q61E	Peer Fitness Certification	IAFF Instructors	The purpose of the IAFF/IAFC/ACE PFT Certification program is to provide a fitness trainer standard consistent with the health and fitness needs of the Fire Service throughout the United States and Canada. Those successfully passing the certification examination will have demonstrated they possess the knowledge and skills required to design and implement fitness programs, improve the wellness and fitness of the uniformed member in their departments, assist in the physical training of recruits, and assist the broader community in achieving wellness and fitness.	202-824-9313 Jatkin@iaff.org	
Q61F	Taking Action in the Fire Service: Cancer Prevention	MMFTC Instructors who have completed the Train-the-Trainer	This course will provide attendees the ability to: identify why cancer is the top cause of firefighter line-of-duty deaths; the most common cancers firefighters face; immediate actions you can take to reduce your occupational cancer risk cancer-prevention roles for the company officer battalion chief, and the fire chief; how governing jurisdictions can reduce firefighter cancer risk; why personal exposure records are vital; how the non-profit cancer support networks helps firefighters cope with cancer.		17-10-020
Q61G	Taking Action in the Fire Service: Cancer Prevention Train the Trainer	Firefighter Cancer Support Network Instructors	This course will provide attendees the ability to: identify why cancer is the top cause of firefighter line-of-duty deaths; the most common cancers firefighters face; immediate actions you can take to reduce your occupational cancer risk; cancer-prevention roles for the company officer battalion chief, and the fire chief; how governing jurisdictions can reduce firefighter cancer risk; why personal exposure records are vital; how the nonprofit cancer support networks helps firefighters cope with cancer.		17-10-021
Q61H	Preventing Fire Fighter and First Responder Suicide Summit (Behavioral & Mental Health Funding can be used for this class)	Mary Van Haute	Students participating in this workshop will be provided with suicide prevention and intervention techniques for use among fire/rescue service personnel.	Mary Van Haute 920-680-4710	18-2-006
Q61I	Calming the Chaos: Interpersonal Communication for First Responders	Stephanie Zoltowski-Siordia	It is clear that first responders are being watched, now more than ever, and ensuring they have the skills to perform the job successfully is imperative. The job requires effective and efficient interpersonal skills at every level of the agency. This two-hour course looks at different components of interpersonal communication, including, but not limited to, communication styles, barriers, cross-cultural considerations, and strategies specific to those with special needs and mental health challenges. The goal of this course is to equip departments with strategies to not only maximize communication with citizens of their community, but also with coworkers, supervisors, and their own families.	Stephanie Zoltowski-Siordia spectrumtrainingsolutionsllc@gmail.com	24-10-06
Q61K	Leadership and Resiliency (Behavioral & Mental Health Funding can be used for this class)	Silouan Green	This seven-hour training module is taught by author, speaker, and former Marine, Silouan Green. He has worked with first responders for over fifteen years on issues of resiliency, peer support, suicide prevention and mental fitness. A survivor of a tragic jet crash as a US Marine and someone who overcame severe PTSD, he understands personally what it takes to overcome the trials and traumas of life. As a mentor and teacher to many law enforcement and fire departments across the country, he is committed to helping all our heroes "come home". From volunteers to large departments, rural to urban agencies, Silouan has worked across the spectrum of first responder experiences.	Silouan Green silouan@mac.com	19-4-11
Q61L	CISM - Group Crisis and Individual Peer Support (Behavioral & Mental Health Funding can be used for this class)	Susan Elben	Group Crisis Intervention training is designed to present the course elements of a comprehensive systematic and multicomponent crisis intervention curriculum. The three day course prepares participants to understand a wide range of crisis intervention services including pre and post incident crisis education.	Susan Elben brusue221@aol.com	19-6-07
Q61M	Peer Support: Brining Your Team to the Next Level (Behavioral & Mental Health Funding can be used for this class)	2 the Rescue; Terry Bykerk & Mike Wierenga	Often times organizations get personnel trained in Critical Incident Stress Management (CISM) and they don't know what to do once the team has been established and the team fails. This program will educate existing team members on how to move their team in the right direction and up to the next level so as to be successful in the day to day operation of their organization for the wellness for everyone. We will help you with the development of ongoing educational programs for your peers, their loved ones and your team and you will be educated on what is and what isn't working in sustaining active and successful peer support teams. Attendees will be given the tools and resources to encourage communication, build trust and maintain a healthy, active and effective peer support team.	2 the Rescue; Terry Bykerk & Mike Wierenga 616-262-8455 twotherescue.com	2/9/2021

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Q61N	Loss Control: Suicide, Post Traumatic Stress & High Risk Behavior Education (Behavioral & Mental Health Funding can be used for this class)	2 the Rescue; Terry Bykerk & Mike Wierenga	This frontline experience-based wellness training is designed for first responders, their loved ones, organizational leaders and peer support team members and will address suicide, post traumatic stresses, secondary trauma and cumulative career exposures. Whether you have been in this field three weeks or 30 years you will be given life changing tools to be safe, successful & healthy in your career, as appear for those working alongside you and into your personal life and retirement years. Attendees will have a discussion on why the suicide rates are so high within first responders' cultures. Responders, formal and informal leaders and families will learn realistic and proven life changing techniques to recognize high risk warning signs and will leave having a better understanding of the Post Traumatic Stressors and how they affect the safety of everyone within the organization and their personal lives.	2 the Rescue; Terry Bykerk & Mike Wierenga 616-262-8455 twotherescue.com	2/9/2021
Q61O	O2X Human Performance for Tactical Athletes	Eamonn Burke, Adam LaReau	The O2X Human Performance Program is designed by former US Navy SEALs to mitigate the occupational health risks that firefighters and other tactical athletes face including cardiac disease, cancer, orthopedic injury, and mental health issues. To do this a holistic program is taught centered around the five pillars of human performance which are strength and conditioning, nutrition, sleep, stress management, and resilience for post traumatic stress. Tier 1 experts present on their specific discipline of human performance as subject matter experts throughout the course of instruction.	Eamonn Burke or Adam LaReau, 617-416-2195, www.o2x.com	2/9/2021
Q61P	Yellow Rose Campaign (Behavioral & Mental Health Funding can be used for this class)	MAFC Yellow Rose Task Force Members	The Yellow Rose Campaign's mission is to remove the stigma of emotional health issues while linking Michigan's fire service with resources, training and peer support. The campaign is a pledge to make a positive impact on the fire service culture. Participants will learn about culture change in the fire service, content for an emotional health program, implementation strategies, and the impact of making change one firefighter at a time.	www.yellowrose.michiefs.com 517-394-4398 or Adam Munro 810-531-0922 or Greg Flynn 248-872-7357	4/13/2021
Q61Q	Growing Up in the Fire Service - How Your Work Impacts You and Your Family (Behavioral & Mental Health Funding can be used for this class)	Shaun Abby, Ellen Abbey	A unique perspective of family life from the daughter of a first responder who is now a clinician and her father who is a thirty year firefighter. In this 3-hour course you will be guided through an inclusive discussion on how the work we do affects our overall health, wellbeing and family life and strategies to manage it. While many classes are taught from the first responder's perspective, this class is focusing on the friends and families point of view. Friends and families are encouraged to participate if possible.	Shaun Abbey shaunabbey@sbcglobal.net 616-299-5474	4/13/2021
Q61R	Mayday! Mayday! (Behavioral & Mental Health Funding can be used for this class)	Gina Essex	This course aims to: -Build awareness through de-stigmatizing the cause and effect of traumatic stress. The material presented is based on the premise of recognizing that it's not a matter of 'if...it's a matter of 'when' a person experiences the effects of traumatic stress. -Build resiliency by learning how to navigate self-regulation through experiential techniques within the self and with another. -Create a common dialogue of experience for peers in order to gain and offer effective support that proactively addresses and attends to the inevitable distress most humans will experience as a first responder. This course is an investment into: -Instilling a sense of hope for 'healing from the effects of traumatic stress' versus a culture of 'dealing with the effects of traumatic stress in isolation'. -The longevity, wellbeing, healing and quality of life of every participant, their families and their colleagues.	Regina Essex ginaessex@gmail.com 616-209-2781	4/13/2021
Q61S	Suicide RIT Training (Behavioral & Mental Health Funding can be used for this class)	Dearborn Firefighters L412 Peer Support Team Members	On the fire ground there is always a RIT team present to jump into action if members get in trouble and to pull them out of the fire. This training teaches first responders how to save their brothers and sisters off the fire ground when they are in trouble mentally. After this training students will be able to recognize the early signs of PTSD and suicide in their friends, family and coworkers. They will also learn how to not only approach people to ask if they want to commit suicide but what they do when the answer they receive is yes. Students will be able to effectively intervene and get the person to safety much like the RIT team is set up to do. This training aims to not only prevent suicide but to intervene when a brother or sister is at the critical point.	Michael Mattern michaelmattern229@gmail.com 313-600-4947	4/13/2021
Q61T	Mental Performance - Virtual (Behavioral & Mental Health Funding can be used for this class)	Eamonn Burke, O2X	Understanding the impact of stress and providing systematic ways to improve mental and physical performance. 1% changes lead to significant changes over time.	Eamonn Burke, 617-416-2195, www.o2x.com	6/8/2021
Q61U	Sleep and Fatigue Management - Virtual (Behavioral & Mental Health Funding can be used for this class)	Eamonn Burke, O2X	Sleep deficiency in the fire service is a leading root cause of cardiac issues, weight gain, mental health issues and motor vehicle accidents. Getting a handle on sleep and fatigue management is a life saver for firefighters and tactical athletes in general that work overnights, and that is exactly what this course teaches them to do.	Eamonn Burke, 617-416-2195, www.o2x.com	6/8/2021
Q61V	High Stress Jobs Resilience - Virtual (Behavioral & Mental Health Funding can be used for this class)	Eamonn Burke, O2X	A career tactical athlete poses significant occupational health risks associated with constantly elevated stress levels. This course educates members on the stress management and mitigation techniques for both chronic and acute stressors that a tactical athlete faces throughout their career.	Eamonn Burke, 617-416-2195, www.o2x.com	6/8/2021
Q61W	Bandwidth and Stress Management - Virtual (Behavioral & Mental Health Funding can be used for this class)	Eamonn Burke, O2X	Understanding the impact of stress in the moment and over time and developing skills to manage energy, increase bandwidth, and improve performance.	Eamonn Burke, 617-416-2195, www.o2x.com	6/8/2021

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Q61X	Successful Interactions with the Special Needs Population and Communication Strategies (Behavioral & Mental Health Funding can be used for this class)	Dr. Stephanie Zoltowski	Many individuals with special needs have had limited exposure to first responders or are afraid of uniformed personnel. Additionally, many do not know how to interact with police and firemen and are anxious about emergency encounters. Teaching and practicing communication strategies and de-escalation techniques to those who come in direct contact with this population is essential, but often overlooked. This training provides a comprehensive look at the speci+D207al needs population, provides personnel the opportunity to see different perspectives, and equips them with the tools specific to the population. The ultimate goal is to maximize safety and positive interactions for both first responders and individuals with special needs.	Dr. Stephanie Zoltowski 248-763-8633 spectrumtrainingsolutionsllc@gmail.com	10/12/2021
Q61Y	Firefighter Human Performance Workshop	Maureen Stoecklein	Firefighters are tactical athletes facing daily heightened levels of job-related mental and physical stress. They are expected to be high performing individuals, navigate life or death decisions, and manage extreme trauma in highly unpredictable environments. Additionally, other inherent risk factors including cardiac disease, cancer, suicide, orthopedic injuries and post-traumatic stress need to be managed throughout a career. This Human Performance Workshop is a comprehensive, collaborative approach aiming to educate and meet the unique demands of the fire service. Through education and hands on training, each participant will be equipped with the necessary tools to increase productivity, maximize health/performance and decrease time lost due to injury. Continued development of these foundational concepts will result in stronger and more resilient firefighters. Workshop topics will include but are not limited to: Nutrition for performance and sleep; Injury trends and prevention; and mindfulness training.	Maureen Stoecklein 734-751-2730 runtri13@gmail.com	10/12/2021
Q61Z	Resilience and Self-Care for First Responders (Behavioral & Mental Health Funding can be used for this class)	Judith Malinowski	The course will address the unique stressors and needs of 1st Responders and how they can be aware of how these stressors impact them and how to engage in self-care. Through didactic lecture and small group discussion attendees will obtain the tools and strategies necessary to manage their emotional and mental stress and trauma.	Judith Malinowski 734-748-1381 judithmalinowski@yahoo.com	10/12/2021
Q62A	Management and Leadership Studies	Macomb Community College	Executive level training program including budgeting, labor/management and media relations.	Macomb Community College	16-10-007
Q62D	Suicide Prevention in the Workplace (Behavioral & Mental Health Funding can be used for this class)	Rick Best, Lea Wandling	Suicide prevention is a personal issue and a family concern, but it is also a public health issue which impacts workplaces. By improving a workplace's commitment to mental health promotion, they can be a key partner in the effort to prevent suicides. Just as workplaces have realized they can make an impact on reducing heart disease by encouraging exercise, they can also make an impact on reducing suicide by promoting mental health by encouraging early identification and intervention. The program helps workplaces appreciate the critical need for suicide prevention while creating a forum for dialogue and critical thinking about workplace mental health challenges, and by promoting help-seeking and help-giving.	Rick Best 740-516-3497 rickbestjr@gmail.com, Lea Wandling 740-590-1170	12/3/2021
Q62E	W.A.R. - (We Are Resilient) (Behavioral & Mental Health Funding can be used for this class)	Cobey Taylor, Kymberly Pashkowsky	Resilience starts with a commitment to individual wellness. WAR focuses on four areas including emotional, cognitive, and mental, physical, and spiritual resilience to enhance your quality of life and decrease you stress and anxiety by teaching you to view life's changes as opportunities. WAR will help you find a local peer support team and/or help you to organize your own peer support team.	Cobey Taylor 231-884-9707; Kymberly Pashkowsky 616-560-4323 emtkcurtis@hotmail.com	6/14/2022
Q62F	Mercy Elite Sports Performance	Karlie S. Kelly, MS RDN	This 2-hour tactical nutrition & wellness course will work to provide general nutrition education by a registered dietitian in a lecture-style format that will guide tactical athletes in promoting behavioral changes for delaying the onset of fatigue during physical activity, increasing strength and endurance, optimizing body composition for their jobs, improving sleep quality and muscle recovery, decreasing inflammation in the body, preventing future injuries, and recovering from existing injuries quickly.	Karlie S Kelly 586-864-0657 karlie.kelly@stjoeshealth.org	6/14/2022
Q62G	Performance Under Pressure	Rob Blasetti	Sports Psychology is being used in professional sports and the United States Olympic teams. How does Sports Psychology relate to the fire service? Firefighters are tactical athletes which need tools to accomplish high speed problem solving under pressure. This open and honest lecture provides the attendees information on how their bodies and minds react when the fear response is activated, how to harness this response and accomplish "flow". Using our Reality Based Training model with sports psychology, attendees will walk away with a roadmap on how to train and the ability to perform under pressure.	Rob Blasetti 239-810-1176 rob@trainingtoperformunderpressure.com.com	6/14/2022

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Q62H	Resiliency and Psychological First Aid During Crisis (Behavioral & Mental Health Funding can be used for this class)	Ayelet Shmuel, LCSW	<p>This course is a two part series, designed to cultivate resiliency within emergency service providers, their families and the community. This course will teach and apply models of strength to crisis preparation in order to cultivate a strong organization capable of managing the extreme stress associated with responding to traumatic events of any scale. Furthermore, this course is intended to teach emergency service providers core principles and proven techniques of psychological first aid in order to mitigate the harmful effects of psychological trauma during crisis. In addition, this course will discuss transitions, which facilitate a return to normalcy and routine, following a traumatic event of any scale. Finally, due to the nature of their work, this course will help emergency service providers identify colleagues suffering from symptoms of burnout, severe stress or PTSD, and offer support and referral to get help to these individuals in time.</p> <p>Ayelet Shmuel is based out of Israel. She is one of a kind and provides crisis support and training during times of war. She is currently working to provide support to Ukrainian refugees, and when bombs drop in Israel she is deployed to the affected areas to provide psychological first aid and crisis support. She is a very experienced trainer/presenter who has taught to a wide range of audiences, including emergency service providers.</p> <p>The cost of this course includes flying her to the US from Israel and providing lodging during her stay.</p>	Ayelet Shmuel 720-252-7887 ayelet2901@gmail.com	6/14/2022
Q62I	The Impact of Mental Health and Psychological Disorders on First Responders (Behavioral & Mental Health Funding can be used for this class)	Dr. Stephanie Zoltowski	Nearly 50% of Americans will experience mental illness in their lifetime; this means first responders are surrounded by mental illness on a daily basis. Because of this prevalence, it is imperative first responders can effectively identify the signs and symptoms related to a variety of psychological disorders as well as respond safely and effectively for those involved. This training provides first responders the opportunity to discuss often uncomfortable topics in a comfortable setting through small-group discussion, real-life scenarios, and engage in self-awareness activities.	Dr. Stephanie Zoltowski 248-763-8633 spectrumtrainingsolutionsllc@gmail.com	2/14/2023
Q62J	First Responders and Implicit Bias (Behavioral & Mental Health Funding can be used for this class)	Dr. Stephanie Zoltowski	The development of implicit bias occurs over a period of years, creating neural pathways in the brain that can both positively and negatively impact decision-making. For first responders, this decision-making could mean the difference between life and death. Expanding first responders' awareness of their biases may seem like an intuitive exercise, but without a lack of standards for this type of training, it is difficult to conclusively state what information should be included in it and whether it is even effective when applied in the real world. This training takes a unique approach to implicit bias. Rather than attempting the impossible task of teaching first responders how to retrain the brain in one training session, the goal is to understand the psychology behind implicit bias and offer ideas to positively impact preexisting beliefs over a period of time.	Dr. Stephanie Zoltowski 248-763-8633 spectrumtrainingsolutionsllc@gmail.com	2/14/2023
Q62K	ASIST (Applied Suicide Intervention Skills Training)	Lisa Clavier and Barb Smith	ASIST is a two-day interactive workshop in suicide first-aid. ASIST teaches participants to recognize when someone may have thoughts of suicide and work with them to create a plan that will support their immediate safety. Although ASIST is widely used by healthcare providers, participants don't need any formal training to attend the workshop—ASIST can be learned and used by anyone. As the world's leading suicide intervention workshop, ASIST helps participants become more willing, ready, and able to intervene with someone who has thoughts of suicide. ASIST is also proven to reduce suicidality for those with thoughts of suicide.	AND Lisa Clavier: 231-675-5047 kierstensride@outlook.com Barb Smith: 989-781-5260 barb.smith@srrn.net	6/13/2023
Q62L	Certified Peer Support Training	Richard T Janka Psy.D.	The Certified Peer Support Class is a five day training. It consists of three days focusing on rapport building, communication skills, empathy, self-care, and mental health related issues (e.g. symptoms). The second part of the training is a two day class called "Group crisis intervention". This portion is certified by the International Critical Incident Stress Foundation and instructed by Dr. Janka who is an ICISF approved instructor. The training can be instructed as one five day class, or broken up into the two classes and offered at different times.	313-310-2039 drjanka@frontlinepllc.com	10/17/2023
Q62M	safeTALK	Barb Smith and Lisa Clavier	safeTALK is a half-day training in suicide alertness. It helps participants recognize a person with thoughts of suicide and connect them with resources who can help them in choosing to live. Participants don't need any formal preparation to attend the training - anyone age 15 or older who wants to make a difference can learn the safeTALK steps.	AND Lisa Clavier: 231-675-5047 kierstensride@outlook.com Barb Smith: 989-781-5260 barb.smith@srrn.net	2/13/2024
Q62N	Science to the State	Sara Jahnke, Kepra Jack, and Denise Smith	Join us for Science to the Station - a conference focused on health, wellness, and operational readiness for the fire service. Participants will be engaged in discussions focused on sharing best practices, understanding existing science, and expanding on research needed to drive policy and practice. Sessions also will include our take on TED talks... Firefighter Research Education and Design (FRED) Talks! These fast-paced presentations will provide the highlights of ongoing work and high-impact findings.	913-238-5648; jahnke@ndri-USA.org dsmith@skidmore.edu kepra@heartfitfor duty.org	2/13/2024
Q62O	Family Prevents the Sound of Silence	Jamie Bevan	This three hour course is intended to challenge, both mentally and emotionally, all emergency responders into taking the next steps to decrease personal trauma occurring from their occupations and provides the framework beyond mental health normalcy for every department "family" unification. Recognition/planning/evaluation/mitigation strategies will assist in achieving this goal. This presentation utilizes an instructor-led/facilitation, personal stories along with collaboration between students. The intended audience for this course is for new and experienced fire service/emergency medical services/law enforcement personnel/emergency telecommunications. Members' loved ones are encouraged to attend and help further eliminate the epidemic.	Jamie_shorty1989@yahoo.com (989)884-3479	6/11/2024

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	Course Name	Authorized Instructor(s)	Course Description	Contact Info	Meeting Date/Motion
Q62P	Fire Up Your Performance Workshop 3 Hour Course	Alexandria Root	Tactical Athletes (i.e., firefighters) are required to go from 0 to 100. Our first responders are required to serve, but who is serving them? Performance nutrition can mitigate injuries, promote resilience and help firefighters reach longevity. In this course, the following topics can be discussed (not limited to): sleep hygiene/nutrition, mindfulness, stress management, injury prevention, strength/conditioning, CPAT nutrition, muscle recovery, mental health/PTSD, LODD prevention, improving body composition, decreasing inflammation, hydration/cardiac health, promoting behavior change/awareness, CRR, cooking demonstrations, and family extension.	(313) 676-8648 rootedindietetics@yahoo.com	6/11/2024
Q62Q	Fire Up Your Performance Workshop 6 Hour Course	Alexandria Root	Tactical Athletes (i.e., firefighters) are required to go from 0 to 100. Our first responders are required to serve, but who is serving them? Performance nutrition can mitigate injuries, promote resilience and help firefighters reach longevity. In this course, the following topics can be discussed (not limited to): sleep hygiene/nutrition, mindfulness, stress management, injury prevention, strength/conditioning, CPAT nutrition, muscle recovery, mental health/PTSD, LODD prevention, improving body composition, decreasing inflammation, hydration/cardiac health, promoting behavior change/awareness, CRR, cooking demonstrations, and family extension.	(313) 676-8648 rootedindietetics@yahoo.com	6/11/2024
Q62R	Mental Health Lunchbox Workshop 6 Hour Course	Alexandria Root, Kate Castle	Firefighters are required to experience trauma on a regular basis, whether it be their own or the trauma of others. Our first responders are required to serve, but what tools and support are helping them avoid mental injuries or recover from them? Mental health nutrition can mitigate injuries, promote resilience, and help firefighters reach longevity. In this course, the following topics can be discussed (not limited to): sleep hygiene/nutrition, stress management, mental health and PTSD, awareness of alcohol impacts, LODD and suicide prevention, decreasing inflammation, promoting behavior change/awareness, CRR, and family extension.	(313) 676-8648 rootedindietetics@yahoo.com	6/11/2024
Q62S	Firefighter Strategies for Building and Maintaining Resilience	Bryan Blattert	This module identifies three essential areas for supporting firefighters' mental health: cultivating resilience, building robust support systems, and accessing therapeutic services. Acknowledging the physical and psychological demands of firefighting, the course emphasizes strategies to cope with traumatic stressors like violence, danger, and loss. Participants will gain a comprehensive understanding of how to maintain mental wellness, ensuring they can perform their duties effectively and safely. Format: Live presentation featuring a lecture and interactive audience dialogue, supported by PowerPoint slides. Location: TBD. The course can be hosted at any location that can facilitate computer access to a projector and a screen.	Bryan Blattert arrowheadbehavioralhealth@gmail.com	24-10-06
Q63B	North American Active Assailant Conference	Jim Etzin	This conference is intended for law enforcement, fire department, ambulance service, hospital, and emergency management personnel and will provide firsthand collaborative debriefs of some of the largest active assailant incidents ever from representatives of the lead law enforcement and fire service agencies involved. Presentations will also include information on what administrative and operational changes have been made in the aftermath of tragic incidents.	jetzin@fhgov.com	18-4-016
Q63C	Situational Awareness & Threat Assessment	2 the Rescue Instructors	Firefighters will learn the proper stance and positioning as well as develop their skills for interpreting verbal and non-verbal cues as well as efficient and effective de-escalation principals. Firefighter's will be able to recognize the indicators of potential physical, environmental and terrorist violence as well as the proper reaction and response before it is to late.	616-262-8455 twotherescue.com	18-4-019
Q63D	Defense and Tactics for Fire and EMS Responders	John Prosch, Chad Moskell, Brad Smith	Course designed to teach fire and Ems responders how to recognize and defend themselves from an act of violence against them from the person(s) they are rescuing/treating.	forrestgff@gmail.com	??????
Q64C	Step Up and Lead	Frank Viscuso	Every organization's culture is either created by design or default. Creating a culture of exceptional service does not happen by accident. This seminar begins with a discussion on the highest rated fire service leadership traits. Chief Viscuso will also cover the necessary leadership skills that are needed in order to motivate teams and maintain discipline within the fire service. Topics will include; mentoring and succession planning, critiquing others, delegating, preventing freelancing, technical report writing, taking on administrative tasks, dealing with insubordination, conducting a post incident analysis, building morale, and leading on the fire ground. This class will also introduce you to proven theories, methods and techniques that can help your organization provide exceptional customer service and make a great impression on the people they come in contact with on a daily basis. *This seminar is for firefighters of all ranks who are serious about becoming leaders and advancing their careers.	989-620-5788 gratiofiretraining@gmail.com	17-10-008
Q64D	In Honor of the Charleston 9	Dr. David Griffin	Dr. David Griffin was the engineer on the first engine on the Super Sofa Fire. His hands on insight and aftermath of the events that day are utilized to effect change in organizations. He directs his lecture to how and organization and its leadership deals with organizational change.	drdavidgriffin@gmail.com	18-2-011

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Q64E	Scott Thompson: The Functional Fire Company	Scott Thompson, Shaun Hughes	This program gets right to the point by tapping into experiences and utilizing data, research, theory, and a little philosophy to position the fire company for success. During our time together the following topics will be discussed and offered up for discussion: <ul style="list-style-type: none"> • Defining success • The science of improvement and continual learning • Modifying and managing the culture • Preparedness and position • Purpose and mission • Fire first philosophy • Why performance standards are essential • Company level training tips • Suburban fire operation considerations • Tactical leadership, maximizing capabilities • Understanding the firehouse environment • Effective supervision and tactical leadership • Training basics and essentials • Coaching and mentoring • The 16 commitments of the functional fire company 	Chief Scott Thompson 269-998-5993, ccfid19@gmail.com	12/3/2021
Q65A	Modern Fire Behavior: Bringing the Science to the Street	Brian Kazmierzak	This course will incorporate the recent research of the modern fire environment presented by NIST and UL. Classroom in the morning with live fire in the afternoon to demonstrate the principles of flow path and coordinated fire attack.	brian@kazfire.org	17-6-009
Q65B	Principles of Modern Fire Attack	ISFSI	This class will provide a firsthand look at the UL/NIST Modern Fire Behavior/Dynamics studies and serve to educate students how they can be delivered and instituted in their fire departments.	www.isfsi.org	16-12-015
Q66B	Implementing Modern Tactics Through Training & Response	Brian Kazmierzak	The objectives of this course are to gain a basic understanding of modern tactics (flow path management) and May Day studies.	brian@kazfire.org	17-2-015
Q66C	Flawed Situational Awareness	Richard Gasaway	This program shares the powerful findings of Dr. Gasaway's extensive research on issues related to first responder decision making and flawed situational awareness. In his review of hundreds of near-miss reports, case studies, line-of-duty death reports and videos he continually found himself being frustrated because there were so many clues, indicators and signs that the incident was going to end in disaster. Yet, for some reason, personnel operating at the incident scene – from company officers to incident commanders – could not see it coming. Or if they did see it coming, they did nothing to alter their course. In his research to understand why first responders were (seemingly) blind and deaf to what was happening right in front of them, Dr. Gasaway uncovered and investigated over one hundred barriers that can destroy situational awareness and flaw decision making.	www.richgasaway.com	17-10-009
Q66D	Nothing Ordinary About Main Street Fire	Joseph Pronesti	This program addresses leading insights and operation considerations for fires in buildings and occupancies of ordinary masonry, heavy timber, and loft construction that comprise the Main Streets of America. A much neglected topical area, this program brings into focus the broad issues and operational issues affecting historical construction characteristics, inherent hazards, building systems and components, and the corresponding strategic and tactical considerations that must be formulated based on the building's defining age, use and conditions on arrival. This highly interactive presentation uses extensive case studies, field examples, interactive group simulations, and discussion points to provide the knowledge and skill set insight to operate in these building types efficiently and safely.	(440) 669-4247 efdchief3@outlook.com	17-10-010
Q66E	Bringing Science to the Fire Service	Steve Kerber Daniel Madrzykowski	1) Increase knowledge of the changing fire environment 2) Review and expand knowledge on the understanding of fire dynamics 3) Capabilities and limitations of FF Safety equipment 4) Importance of size up and choosing tactics to fit the fire conditions to: a) put out the fire faster and more efficient b) improve the safety of the firefighters and crews c) improve the chances to save victims 5) provide firefighters with the information to their department need to implement change 6) current reality of firefighting Training will be held in an auditorium style presentation with question and answer session. Course Length 8 hour		17-10-012
Q66F	Nozzle Forward	Aaron Fields	Effective techniques to move hose streams.	206-713-9745 fieldsat@gmail.com	17-10-013
Q66H	Barn Boss Leadership	Brian Ward	Barn Boss Leadership is a unique blend of fire, science, leadership, mentoring, and history with a gut check for individuals of all ranks. However, an emphasis is placed on their power long before they receive a promotion. This presentation is designed to provide a guide and self-awareness gut check for individuals of all ranks. However, the emphasis of this text is for the informal leader in the organization, who is the catalyst of action. This presentation is for the individual who considers mastery the minimum standard.	770-601-8045 fireserviceSLT@yahoo.com	117-10-019

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	Course Name	Authorized Instructor(s)	Course Description	Contact Info	Meeting Date/Motion
Q66I	Fully Involved Leadership	Mark Von Appen	Fully Involved - The Big Four. 8-hour leadership class. We are all busted toys. Some act as if it is their calling to put out the fire in others. The key is to keep the flame alive. It is through the young people in our midst that we are unbroken. It is through them that we are healed. Like a snapped bone knits itself together stronger than before the insult. It is only through being woke to those who cling to our trust that we are born anew. As a leader of people, consider what you represent to the next generation. It isn't something that we should shrug off and leave for someone else to retrieve from the trash. That ideal person, that mentor, is the reason that the next-gen chose this path. They look to you. When they arrive in search of the end of the rainbow in the land of unicorns, decide not to be the one who dashes all of their dreams of being a part of something bigger than themselves. Decide not to be jaded, to share all of what you have learned about life, family, and the craft. Find hope once again for yourself in them. Find the passion that you had before someone took it from you. Undo every wrong that was done unto you. Treat others the right way. The greatest of leaders are altruists, those who lead through humility, and I believe that there are more of us out there than we lead ourselves to believe. As a leader you don't represent brick and mortar establishments. You represent an ideal of what others imagine to be possible. You represent hope.	www.fully-involved.com	
Q66J	25 to Survive	Doug Mitchell and Dan Shaw	More firefighters are seriously injured and killed while operating at residential building fires than any other building type. This dynamic and interactive program will address 25 critical firefighting issues common to the residential building fire.	989-620-5788 gratiotfiretraining@gmail.com	
Q66K	Size Up and Command for the Small Department	Joe Pronesti	Attendees will come away with a better understanding of the fireground and what issues "catch us in the fog" and how to avoid the fog on the fireground.	(440) 669-4247 efdchief3@outlook.com	
Q66L	The Saginaw Drill	John Brophy	This class focuses on the team-based approach to rescuing a trapped firefighter. The program is an adaptation of the well-known Pittsburgh drill. The Saginaw Drill emphasizes teamwork, operational efficiency, and air management.	201-407-8902 brophyjohnr@aol.com	
Q66M	Crew Resource Management	Jesse Marcotte	The fire service has its own unique "bird strikes" that represent the risks and situations faced by fire department personnel every day. CRM is the very mechanism that fire service leaders must adopt to maintain effectiveness before, during and after an incident.	Jesse Marcotte jesse.marcotte@gmail.com	
Q66N	Suburban Firefighting	Jesse Marcotte	This course is intended to highlight one of America's true one stop shops, the suburban fire department. Limited staffing and resources, expanding roles and increasing run volumes only add to the challenges facing the suburban fire service. Our members and operations must be sophisticated to a point that facilitates intelligent and effective decision-making along with the definitive interventions needed for a successful outcome. Students will be exposed to the critical ingredients needed to achieve operational effectiveness as a suburban fire department.	Jesse Marcotte jesse.marcotte@gmail.com	
Q66O	Beyond the Line	Doug Myers	Strategies and tactics are an important aspect of being a fire officer. However, there is more to the position than the successful outcome of an incident. This class takes a comprehensive look at the personal tools needed to be a successful fire officer both on and off the scene. Topics will focus on refining the abilities of current and future fire	Doug Myers scenewatcher21@gmail.com	24-10-06
Q66R	Big Box Store Firefighting Strategies and Tactics	On-Scene Training Associates	This course consists of 1 evening lecture and 1 day of Hands-on training covering strategy and tactics of firefighting in Big Box store and commercial structures.	www.onscenetraining.com	19-2-24
Q66S	Basement and Cellar Fires - Strategies and Tactics	John Brophy	This class focuses on the recognition and extinguishment of basement and cellar fires. After a foundational classroom session, class participants will participate in a simulated response to a basement or cellar fire.	John Brophy brophyjohnr@aol.com	19-2-24
Q66T	First Due - The First 5 Minutes	John Brophy	Whether you're a firefighter, apparatus operator, or officer on the First Due Engine you have a vital role to play in the first 5 minutes and beyond	John Brophy brophyjohnr@aol.com	19-2-24
Q66U	Performance Under Pressure: 1st Alarm Company Operations	Rob Blasetti	Hands on Training: Normal staffed, combination and volunteer departments expect their members to do multiple functions on the fire ground. This program combines "The Big Four": stretching the first attack line, forcible entry, quick mask and primary search. These are the most important tasks the 1st arriving companies need to perform flawlessly. This course will help the attendee develop the skills needed to accomplish these tasks. The instructors will manipulate the environment with emotional responses to challenge the firefighter tempo. The progressive reality-based training style will instill confidence operating as a 1st and 2nd in company with the staffing levels of that department. The High-Level scenario will bring all the tasks practiced together in a fast based, realistic story line.	Rob Blasetti 239-810-1176 rob@trainingtoperformunderpressure.com.com	6/14/2022
Q66V	1st Alarm Strategy and Tactics - Nick Martin of Combat Ready Fire	Nick Martin	This program will discuss strategy and tactics for fires in single family dwellings, apartments, and commercial structures. We will focus on the differentiating factors between these structures and how differences in construction, occupancy, and other factors must influence firefighting operations.	Nick Martin 610-637-8315 www.combatreadyfire.com	8/9/2022
Q66W	Lines Over Ladders	Robert Blasetti	Hands on training: Fire departments around the country operate using aerial trucks equipped with firehose, a water tank, and a pump. The ability to operate as an Engine and a Truck provides these apparatuses tactical advantages and disadvantages when working on the fire ground. Understanding these differences is the key to winning the battle on the fire ground. In this class, attendees will learn how to combine these unique functions into one smooth operation while operating a single apparatus. They will operate as both a truck company and an engine company, focusing on how to accomplish both tasks simultaneously while maximizing the capabilities of the aerial truck.	Robert Blasetti 239-810-1176 rob@trainingtoperformunderpressure.com	2/14/2023

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Q66Y	Strategies and Tactics for Effective Leadership	Kevin Brame Jeff Buchanan	The workshop first explores the challenges public safety professionals face in common and unique events in the exercise of leadership. Using a scene size-up approach, leadership strategies are examined in a 360 perspective. Specific size-up tools are presented that allow the participant to consider a variety of leadership tactics, outputs, and desired outcomes. Participants will focus on perspectives for dialogue and size-up from a multiple leadership role perspective – personal, interpersonal, community, and organization. IPSLET's interactive approach uses written and video case studies, personal growth activities, case-in-point dialogue, and small group processes.	Kevin Brame 951-283-0498 kbbreme@ipslei.org; Jeff Buchanan 702-812-4966 jeff@thebuchanangrp.com	2/14/2023
Q66Z	De-Escalation & Critical Decision-Making for Fire and Rescue Personnel	Bryan Pizzuti	This is a eight (8) hour classroom-based confrontation avoidance / conflict resolution and critical decision making training course. This course is designed to recognize aggression and to develop strategies/skills to reduce the conflict to promote effective communication. Participants will learn De-Escalation strategies that avoid or resolve highly emotional interactions by deploying tactics to promote successful community interactions. Critical-decision making will be analyzed by using the Critical-Decision Making Model. This model provides students with a step by step breakdown focusing on process reasoning to facilitate desired outcomes. These two entities are essential for first responder safety. Methods of learning will include classroom lecture, group discussion, and video analysis.	Bryan Pizzuti 248-417-2563 232trainingsolutions@gmail.com	2/14/2023
Q67A	Training Officer Credential Certification	ISFSI Instructors	The ISFSI credential designation is designed to provide instructors a direct pathway to develop and advance as professional educators and will bridge the gap between fire service professional development, the professional credentialing of instructors, and the accreditation of emerging training curriculums and eLearning platforms and programs.	www.isfsi.org	16-12-008
Q67B	Live Fire Instructor Credential Certification - Fixed Facility	ISFSI Instructors	This intensive three-day program explores the most recent NFPA 1403 standard and applies the principles of the standard to the student's ability to instruct live fire training in a safe environment. The course is delivered in a true blended learning approach using the e-learning system to prepare the candidate for the three day instructor led course.	www.isfsi.org	17-6-005
Q67E	Basement Firefighting	ISFSI Instructors	The ISFSI "Understanding and Fighting Basement Fires" 8-hour classroom curriculum addresses types of basement access, fire attack tactics, nozzles and appliances, and tactical considerations based on research and real life experience.	www.isfsi.org	18-4-08
Q68A	Best Practices in Community Risk Reduction	NFA Instructors	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.	800-238-3358	17-2-016
Q68C	Youth Fire Setter Prevention & Intervention	NFA Instructors	This six-day course provides students with knowledge and skills necessary to identify children and adolescents involved in fire setting. The course addresses how to establish programs to meet the needs of these youths and their families. Skills essential to meet the Youth Fire Setting Intervention Professional Standard which is part of National Fire Protection Association 1035, Standard for Professional Qualifications for Fire and Life Safety Educator, Public Information Officer, and Youth Fire setter Intervention Specialist and Youth Fire setter Program Manager are discussed and practiced throughout the course.	800-238-3358	17-2-018
Q68D	Youth Fire Setter Intervention Specialist	NFA Instructors	This two-day course is based on requirements of National Fire Protection Association (NFPA) 1035, Standard on Fire and Life Safety Educator, Public Information Officer, Youth Fire setter Intervention Specialist and Youth Fire setter Program Manager Professional Qualifications. This course provides students with a broad understanding of the knowledge, skills and abilities that the Youth Fire setter Intervention Specialist should have as requirements of NFPA Standard 1035 pertaining to youth fire setting. This course is for the practitioner who provides services at the program delivery level. It replaces Youth Fire setting Prevention and Intervention - Level 1.	800-238-3358	17-2-019
Q68E	Presenting Effective Public Education Programs	NFA Instructors	This 6-day course provides fundamental knowledge, skills, and attitudes to deliver fire and life safety educational programs in the community, particularly in small communities. The course is designed for public educators who have less than 2 years of public education work, and whose primary responsibilities are delivering public education programs. The course takes the viewpoint that public educators at this level do not develop their own programs, but are using or modifying existing educational programs.	800-238-3358	17-2-024
Q68F	Community Risk Reduction Train-the-Trainer	NFPA Instructors	This two-day, interactive program will provide participants with the knowledge and skills needed to conduct a formal community risk assessment and develop and implement a comprehensive community risk reduction plan. Utilizing data collection and analysis to define the risks within a community, participants will utilize the consensus standards published by the NFPA as the framework identifying and properly addressing the risks with integrated partnerships and demonstrable outcomes which reduce risk, injuries, and losses within a community. Attendees should leave the class with the framework to conduct a community risk assessment and develop and implement a community risk reduction plan.	education@nfpa.org	18-2-008
Q68G	Youth Fire & Life Safety Seminar	Michigan Prosecutors Association	Multi-disciplinary seminar focused on Juvenile Fire and Life Safety education	knopj@michigan.gov	18-2-009
Q68H	Community Risk Reduction: A Primer	Lawrence Morabito	This is an overview of the Community Risk Reduction (CRR) process. It includes a definition of CRR, along with the basic requirements to begin the process in a community. The five (5) E's of risk reduction are discussed and general methods for the process. This course is based on the National Fire Academy curriculum in CRR. It is not intended to replace any CRR course from the NFA.	firechief133@gmail.com	19-8-12

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Q68J	Community Outreach for the Fire Officer	Keystone Solutions	This program will provide two qualified instructors on site for a minimum of four hours of instructional time. Instruction will be a combination of lecture and hands on working with social media platforms and interacting with a live fire demonstration. By the end of this course, attendees should understand the importance of data collection, fire behavior on victim survival, and online community outreach.	svobodak@plainfieldmi.org	19-8-13
Q68K	Detroit Youth Fire Setter Intervention Specialist	James Hill-Harris	The Detroit Youth Fire Setter Intervention Specialist course will cover JPRs listed in NFPA 1030 Standard for Professional Qualifications for Fire Prevention Program Positions - Youth Fire Setter Intervention Specialists (2024 ed). This course will teach students how to recognize youth fire setters, how to conduct youth and family risk assessments/interviews, how to classify youth fire setters into typologies, how to create intervention strategies designed to assist families dealing with youth fire setter emergencies, and how to make referrals to appropriate agencies when necessary. This course is designed for the operations level service provider.	James Hill-Harris hill-harrisj6480@detroitmi.gov	24-10-06
Q69A	Medical First Responder	EMS I/Cs	Medical first responder course for fire service personnel.		17-6-006
Q69B	Emergency Care for Injured and Burn Victims	Mark Nicholai	8-hour course designed to provide training to assist fire departments with the standard of care and protocols involving injuries from fires and automobile accidents.		17-6-008
Q69C	EMT - Basic	EMS I/Cs	Basic Emergency Medical Technician	EMS Instructor/Coordinator	
Q69D	Tactical Emergency Casualty Care	Adam Massingill	TECC teaches EMS practitioners and other pre-hospital providers how to respond to and care for patients in a civilian tactical environment. It is designed to decrease preventable deaths in a tactical situation.	amassingill@bedfordmi.org	18-6-06
Q69E	B-CON	Anthony Augugliaro	B-CON training will help fire departments comply with mandatory requirements initiated by the NFPA 3000 Standard for an Active Shooter/Hostile Event Response.	augugliaroa@ctwfd.org	18-6-08
Q69F	Tactical Emergency Casualty Care	Anthony Augugliaro	TECC teaches EMS practitioners and other pre-hospital providers how to respond to and care for patients in a civilian tactical environment. It is designed to decrease preventable deaths in a tactical situation.	augugliaroa@ctwfd.org	18-6-08
Q69G	Rescue Task Force Train the Trainer	Steve Huisman	This course aligns with the requirements of the NFPA 3000 standard for an Active Shooter/Hostile Event Response (ASHER) Program. The rescue task force train the trainer course is open to all of the fire departments in Kent County. At the completion of the course, the student will be able to train their departments on the formation of Rescue Task Force Teams, movements of the team, treatment of patients, and patient removal techniques. This 8 hour course will include classroom lecture, hands-on practical training, and scenarios and a written test to evaluate the knowledge of the students at the completion of the course. The student will gain knowledge that will meet objectives set that cover the cognitive, psychomotor, and affective domains. The cost of the program is \$2,400 per class session. The fee covers the cost of the entire class including lead and associate instructors. There are no other associated costs with the program.	steve@greatlakesEMS.com	19-12-11
Q69H	Tactical Emergency Casualty Care - BDI	Bad Day Industries, LLC Instructors	TECC teaches EMS practitioners and other pre-hospital providers how to respond to and care for patients in a civilian tactical environment. It is designed to decrease preventable deaths in a tactical situation.	616-710-1443 b.stals@bdi-training.com	20-2-11
Q69I	Rescue Task Force (4 hr.) - BDI	Bad Day Industries, LLC Instructors	This course will expand your understanding of rescue task force concepts for active shooter, terrorist, or mass casualty incidents with the goal of saving lives. It is designed for tactically minded professionals from fire, Law enforcement, and medical fields. Rescue task force concepts combine the integration of police and fire/ems working within a warm zone to get immediate medical care to victims in these events.	616-710-1443 b.stals@bdi-training.com	20-2-11
Q69J	Active Shooter-Hostile Event Response & Management	Adam Massingill	Four hour incident awareness level training for responding to Active Shooter Event Responses based on NFPA 3000 ASHER Standard as well as Commission on Tactical Emergency Casualty Care recommendations. Instructor is both certified Fire Instructor through State of Michigan and Certified Tactical Emergency Casualty Care Instructor through National Association of Emergency Medical Technicians.	Adam Massingill 734-265-7036 adam22119@gmail.com	2/14/2023
Q69K	Rescue Task Force for First Responders	Brandon Hughes	Rescue Task Force for first responders is an 8 hour course that brings together Fire Departments, EMS and Police to one room to accomplish one mission. This course follows the national standard for tactical emergency casualty care. Class participants will learn stop the bleed, initial emergency care actions, tactical movements down hallways and in buildings, as well as how all agencies can work together to quickly accomplish the mission.	517-206-9116; libertyfire.dept@comcast.net	12/1/2023
Q69L	Active Shooter-Hostile Event Operations Course	Adam Massingill	Eight-hour operations level training for responding and mitigating Active Shooter Hostile Event Responses based on NFPA 3000 ASHER standards as well as Commission on Tactical Emergency Casualty Care recommendations. Instructor is a certified Fire Instructor I through State of Michigan and Certified National Association of EMT's Adjunct Faculty for Tactical Emergency Casualty Care, and a Licensed Paramedic IC through State of Michigan. Assisting instructors used to maintain student to instructor ratio will also be Certified Fire/NAEMT Instructors. Course fee includes instructor fees and consumables for class size up to 24 students.	734-265-7036; adam22119@gmail.com	2/13/2024

Q Course Catalog

	Course Name	Authorized Instructor(s)	Course Description	Contact Info	Meeting Date/Motion
Q70A	Using Thermal Imaging to Improve Fire Ground Operations	Mike Richardson	Using Thermal Imaging and modern fire dynamics to improve Foreground operations. This classroom based class will walk you through the advanced usage of your Thermal Imaging Camera (TIC) in conjunction with the applicable standards. The students will be walked through questions and answers regarding the new UL and NIST testing and performance of TICs and their usage. The class is motivated by and will explore the reasons for Thermal Imaging (TI) failure and poor image interpretation by the user. It will explore the TIC usage is size-up, firefighting interior/exterior operations and overhaul. It will explore the applicable NFPA standards for TIC. It will assist in the understanding of TI technology and principles. The class will also teach you how to properly train with your TIC. The students will better understand the different functions of their TIC to better use the technology to make a safer, more successful fire ground operation.		
Q70B	Thermal Imaging Training	SAFE IR Instructors	Two-day program provides firefighters an opportunity to learn how to use their thermal imager correctly in both classroom and live burn scenarios with emphasis on proper image interpretation.	877-472-3347 www.safe-ir.com	
Q70C	SOFA Thermal Imaging Camera Techniques	SOFA Instructors	The course provides the students the opportunity to become familiar with the capabilities of a thermal imaging camera (TIC) and operate them in the most efficient manner to complete fire ground operational tasks that protect life and property through both lecture and practical exercises.	248-540-3417 rginther@beverlyhillspolice.com	11/10/2020
Q70D	Insight Training: Tactical Thermal Imaging	Jacob Latson, Andy Starnes, Joey Baxa, Thomas Anderson	Students will cover a variety of tactical TIC use in the environment firefighters work in such as: size-up, fire attack, search & rapid intervention, accountability and orientation, preventing thermal insult, ventilation, overhaul, and exposure protection. Examples will be given for TIC use in other areas including MVAs, electrical emergencies, HazMat incidents, water rescues wildland fire applications, and preplanning.	Jacob Latson, 810-599-6562, latson3146@yahoo.com	2/9/2021
Q70E	Fudamentals of Thermal Imagery	Training to Perform Under Pressure, LLC	Thermal Imager cameras (TICs) have come a long way since the early 90's. Technology in image, shutter speed and battery life have increased the reliability in these tools. Do we understand how they really work? In this course, attendees will understand thermal imagery technology, operations, and drawbacks of the imager. This 4-hour program is designed for firefighters, company officers, and chief officers to learn about the theory, technology and limitations of TICs and apply this acquired knowledge into practical fireground skills.	239-810-1176 rob@trainingtoperformunderpressure.com	10/17/2023
Q70F	Thermal Imager Operations	Training to Perform Under Pressure, LLC	Thermal Imaging Cameras (TICs) have come a long way since the early 90's. Technology in image, shutter speed and battery life have increased the reliability in these tools. Do we understand how they really work? This 8-hour program is designed for firefighters, company officers, and chief officers to learn about the theory, technology and limitations of TICs and apply this acquired knowledge into practical fire ground skills, culminating in a live-fire fire ground scenario, which will incorporate multiple tactical applications of the TIC. Facilitated discussion and demonstrations will include applicable NFPA standards, basic infrared (IR) theory, TIC technology and limitations, and tactical application of TIC at the emergency scene to develop, refine, and deliver thermal imaging training. Hands-On Training (HOT) will include practical evolutions to apply TIC theory and cultivate TIC skills and abilities. This program will be conducting under a live-fire lab condition for attendees to not only understand how the TIC works but also to afford the opportunity for attendees to build proficiency with TIC operations, image interpretation, and integration of TICs into fire ground operations.	239-810-1176 rob@trainingtoperformunderpressure.com	10/17/2023
Q70G	Tactical Thermal Imaging Train the Trainer	Macomb Community College Regional Training Center	Macomb Community College RTS will be hosting Insight Training for a 32 hour course hosted by Macomb Community College that will teach students how to instruct others in the advanced uses to thermal imaging cameras in firefighting as in Q70D.	586-498-4020; FTC@macomb.edu	2/13/2024