

Mercer County Fire Academy

Fall 2012 COURSE CATALOG



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MERCER COUNTY FIRE ACADEMY **FALL 2012 COURSE CATALOG**

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Mission Statement

The mission of the Mercer County Fire Academy (MCFA) is to prepare Mercer County Fire & Emergency Services personnel with the knowledge and skills necessary to successfully, safely and competently contribute to fulfilling their personal and organizational duties.

Vision Statement

The Mercer County Fire Academy is committed to providing exceptional and realistic training opportunities through cost-effective innovation; by providing a staff built upon excellence, experience and professionalism; and through dedication to a high standard of customer service.

Core Values and Principles

The Mercer County Fire Academy is committed to:

Doing the Right Thing

Integrity, Trust, Respect, and Commitment

The Ideal that Everyone Must Make a Difference

Individual and organizational responsibility, accountability, teamwork, and collaboration

Anticipating and Meeting the Mercer County Fire Service Needs

Proactive planning, innovation, creativity, responsiveness, and excellent customer service

COURSE	DATE(S)	INSTRUCTOR	HOURS	PAGE
Art of Reading Smoke	10/24	Robert Tharp	3	5
Big Box Search	11/29	Richard Kraemer	3	5
CBRNE Awareness	11/07	Timothy Metzger	4	5
Confined Space Awareness	12/03	Jack Rindt	4	6
Danger Lurks Below, Combating the Basement Fire (<i>Live Evolutions</i>)	10/6 (Saturday)	Scott Loh	8	6
Decon Tier II Operations (<i>Hands On</i>)	10/13 (Saturday)	Theodore Cashel	10	7
Engine Company Ops: Short Staffing	09/20	Richard Kraemer	3	7
Firefighter I	08/6 - 12/05 Mon, Wed, Thurs, Sat	MCFA Instructors	180	8
Gang Awareness	12/05	Det. Robert Gioscio	3	8
Hazardous Materials Awareness	11/01	Timothy Metzger	4	8
Hazardous Materials Operations	11/03	Scott Loh	8	9
Hazmat Suicide	11/05	Theodore Cashel	3	9
Highway Incident Traffic Safety Guideline for Emergency Responders	12/04	Timothy Weiss, NJ DFS	3	10
ICS-100 / NIMS-700	8/11	Michael Kashella	8	10
Incident Command Basics – Management & Control for the 1 st Arriving Company Officer	11/13	Richard Kraemer	3	11
Preparing for and Surviving the Close Call	11/07	Robert Tharp	3	11
School Bus MVA's	09/11	Kenneth Kandrak	3	12
Strategies & Tactics for Initial Company Officers (NFA STICO)	10/04, 10/11, 10/25, 11/01	Mark Antozzeski	16	12
Strategy & Tactics for Multi Family Dwellings	09/25	Kenneth Kandrak	3	12
Street Smart Laddering (<i>Hands On</i>)	09/18	Aaron Heller	4	13
Truck Co Ops: Advanced Search and Rescue (<i>Live Evolutions</i>)	10/30 and 11/06	Keith Greene	8	13
Truck Co Ops: Power Saws (<i>Hands On</i>)	10/09	Keith Greene	4	14

ART OF READING SMOKE

This course will give first arriving officers and firefighters the ability to predict fire behavior and understand the stages of a fire. The effect it has on a building begins on scene by “Reading Smoke”. In this class we will assist the student in improving their understanding of conditions on arrival and develop the “Art of Reading Smoke”

Instructor: Robert Tharp, Battalion Chief, Trenton Fire Department

Date: October 24, 2012

Time: 1900-2200 hrs

Cost: In-County - \$30.00

Out of County - \$40.00

Registration Deadline: October 19, 2012

BIG BOX SEARCH

Course is designed to expose personnel to the TASK of Big Box Search. Personnel will receive a review of basic search principles along with some tricks on orienting themselves to the building. Personnel will see how the search bag system is set up and deployed and what responsibilities each member has during the search. Personnel will receive limited hands-on exposure to the system.

Instructor: Richard Kraemer, Chief, Hamilton Township Fire Dist. # 6

Date: November 29, 2012

Time: 1830-2230 hrs

Cost: In-County - \$ 30.00

Out of County - \$40.00

Registration Deadline: November 26, 2012

CBRNE AWARENESS (NJSP)

This course will be presented as a classroom lecture. It is designed for first responders who operate at the awareness level. The lecture will familiarize students with the recognition of weapons of mass destruction, terrorism and the defensive actions they may use in a response to a terrorist incident. The course will review basic awareness level response principles.
(NJDSS OEMS CEU'S)

Instructor: Timothy Metzger, Specialist, West Windsor Emergency Services

Date: November 7, 2012

Time: 1830-2230 hrs.

Cost: In-County - \$30.00

Out of County - \$40.00

Registration Deadline: November 5, 2012

CONFINED SPACE AWARENESS (NJSP)

This course will be presented as a classroom lecture. The target audience for this 4 hour introductory course includes personnel who work in proximity to but do not enter a confined space. Participants will be able to identify a confined space and recognize its potential hazards. *(NJDSS OEMS CEU'S)*

Instructor: Jack Rindt Jr., Battalion Chief (retired), Ft. Monmouth Fire Department

Date: December 3, 2012

Time: 1830-2230 hrs

Cost: In-County - \$30.00

Out of County - \$40.00

Registration Deadline: November 28, 2012

DANGER LURKS BELOW, COMBATING THE BASEMENT FIRE -

(Live Fire Evolutions)

Basement/Cellar/Below Grade fires present a special challenge and need special tactical considerations, the basement fires of today are not the same as basement fires of years past. The recognition of a basement fire and the hazards it presents are critical for fire ground success and survival. NIOSH Incident Fatality Review findings will be referenced during this course to highlight critical points for firefighter safety. It is paramount that we understand what we are dealing with in our response areas; it is our responsibility to know the hazards and balance safety with our extinguishment efforts.

Prerequisites: *Firefighter 1 certification & Current Fit Test Form*

PPE Requirements: *Full Structural Firefighting Ensemble, SCBA with a Spare Cylinder(s)*

Instructor: Scott Loh, Firefighter, Hamilton Township Fire Dist. # 2

Date: October 6, 2012 (*Saturday*)

Time: 0830-1630 hrs

Cost: In-County - \$100.00

Maximum Students: 15

Out of County - \$110.00

Registration Deadline: October 1, 2012

DECON TIER II OPERATIONS (NJSP) - (Hands-On)

This ten-hour operational level training course will prepare responders to effectively and safely perform decontamination operations.

Prerequisites: *HazMat Awareness, Operations, ICS 100 and ICS 200;
as well as a Firefighter 1 certification & Current Fit Test Form*

PPE Requirements: *Full Structural Firefighting Ensemble, SCBA with a Spare Cylinder(s)*

Instructor: Theodore Cashel, NJ State Police Hazardous Materials Response Unit

Date: October 13, 2012 (*Saturday*)

Time: 0800-1730 hrs

Maximum Students: 18

Cost: In-County - \$150.00

Out of County - \$160.00

Registration Deadline: *October 7, 2012*

ENGINE COMPANY OPS – SHORT STAFFING

This course is designed to provide insight into performing TASK assignments as a short staffed engine. Course will provide a review of member responsibilities both in and out of the station. And a review of size-up factors and how they relate to our tactical decision making. Finally, we will break down into TASK assignments and equipment and how they can help or hurt an engine company. As an example, we will provide and explain techniques on how to advance hand lines more quickly and efficiently.

Instructor: Richard Kraemer, Chief, Hamilton Township Fire Dist. # 6

Date: September 20, 2012

Time: 1830-2230 hrs

Cost: In-County - \$30.00

Out of County - \$40.00

Registration Deadline: *September 17, 2012*

FIRE FIGHTER 1

The basic firefighter course is designed to meet the requirements of NFPA 1001, Professional Qualifications for Fire Fighters and N.J.A.C. 5:73-4.3. Those who successfully complete and pass the course will be eligible to apply for a New Jersey Division of Fire Safety Fire Fighter 1 certification.

Course Coordinator: Dave Gayley, Deputy Director – Mercer County Fire Academy

Dates: Aug. 6, 2012 – Dec. 5, 2012 (Monday, Wednesday, Thursday and occasional Saturdays)

Times: Monday, Wednesday, Thursday (1830-2230 hrs) and Saturdays (0830-1630 hrs)

Cost: Mercer County Chief's Assoc. Depts. - \$200.00 - All others \$300.00

*****Course is Full*****

GANG AWARENESS SEMINAR

Can you identify when you are walking into a dangerous situation? No community is immune to gang violence. Emergency workers may be placed in vulnerable situations when dealing with gang members and their associates. Understanding how to recognize potential offenders' cues, knowing when to notify law enforcement and taking the appropriate precautions may be the most effective ways to maintain a safe environment for you and your crew.

Instructor: Detective Robert Gioscio, Mercer County Sheriff's Office

Date: December 5, 2012

Time: 1900-2200 hrs.

Cost: *****FREE*****

Registration Deadline: November 29, 2012

HAZARDOUS MATERIALS AWARENESS (NJSP)

This course will explain what hazardous material incidents are, as well as giving the students skills to detect the presence of hazardous materials. The instruction includes an overview of how incidents are classified into levels and on introductions to the Incident Command System. Also covered are the roles and notification requirements of municipal, county and state organizations. This level will serve as a prerequisite to all other levels offered in the series.

(NJDSS OEMS CEU'S)

Instructor: Timothy Metzger, Specialist, West Windsor Emergency Services

Date: November 1, 2012

Time: 1830-2230 hrs.

Cost: In-County - \$30.00

Out of County - \$40.00

Registration Deadline: October 29, 2012

HAZARDOUS MATERIALS OPERATIONS (NJSP)

This course will be presented as a classroom lecture with the addition of hands-on skills practice. The course provides training for those personnel who have some protective equipment and other resources that would enable them to take further defensive actions at a Hazardous Materials scene. *(NJDSS OEMS CEU'S)*

Prerequisites: Hazmat Awareness certification

Instructor(s): Michael Loh, Deputy Chief, Bristol Myers Squibb Fire (Lecture) and
Scott Loh, Firefighter, Hamilton Township Fire Dist. # 2 (Skills)

Date(s): November 3, 2012 and November 5, 2012

Time(s): Nov. 3, 2012 (0830-1630 hrs) and Nov. 5, 2012 (1830-2230 hrs)

Cost: In-County - \$60.00

Out of County - \$70.00

Registration Deadline: October 30, 2012

HAZMAT SUICIDE

This class is a brief overview of the specific hazards relating to the recent trends that first responders have been encountering addressing the utilization of non-regulated and common available chemicals to commit suicide. Topics will address situations that may be and have been encountered within NJ and regionally. First responder's actions, Hazmat team response actions, working with LE agencies and general safety policies.

Instructor: Theodore Cashel, NJ State Police Hazardous Materials Response Unit

Date: November 5, 2012

Time: 1900-2200 hrs

Cost: In-County - \$30.00

Out of County - \$40.00

Registration Deadline: November 2, 2012

HIGHWAY INCIDENT TRAFFIC SAFETY GUIDELINE FOR EMERGENCY RESPONDERS

This 3 hour class will give all emergency responders the information required to safely operate at roadway incidents. This class is based on nationally recognized standards and the State of New Jersey Highway Incident Traffic Safety Guidelines for Emergency Responders endorsed by the N.J. Office of the Attorney General. The class gives all attendees an overview of roadway operations including setting up safety zones, vehicle placement, unified command and responder visibility.

Instructor: Timothy Weiss, N.J. Division of Fire Safety

Date: December 4, 2012

Time: 1900-2200 hrs.

Cost: ****FREE****

Registration Deadline: November 29, 2012

ICS-100 / NIMS-700

The ICS-100 course is required for all federal, state, territorial, tribal, private sector and non-governmental personnel at the following levels of responsibility in emergency management operations – first line supervisor, mid-level management, command and general staff. This course focuses on the following topics and objectives. Purpose of ICS, Basic Features of ICS, Incident Commander and Command Staff Functions, General Staff Functions, Facilities and Common Responsibilities. ***(NJDSS OEMS CEU'S)***

The NIMS-700 course is an introduction to the National Incident Management System, this awareness level course that explains NIMS components, concepts and principles. All personnel with a direct role in emergency preparedness, incident management or response must complete NIMS-700. ***(NJDSS OEMS CEU'S)***

Instructor: Michael Kashella, Fire Marshal, Hamilton Fire Dist. # 8

Date: August 11, 2012 (***Saturday***)

Time: ICS 100 (0830-1230 hrs) and NIMS 700 (1300-1700 hrs)

Cost: **In-County** - \$30.00 for ICS 100 / \$30.00 for NIMS-700

Out of County - \$40.00 for ICS 100 / \$40.00 for NIMS-700

Registration Deadline: August 9, 2012

INCIDENT COMMAND BASICS - MANAGEMENT & CONTROL FOR THE FIRST ARRIVING COMPANY OFFICER

Incident Command Basics is a program designed around the first arriving company officer or senior firefighter in-charge and looks at how to begin to manage and get control of an incident. This course will include a discussion on qualities of incident commanders, a review of basic command structure and will show how to put information together into an Incident Action Plan (IAP). We will discuss command failures and other problems that hamper effective fire ground operations. Students will practice how to take size-up factors and begin to apply them on the fire ground with the uses of sets, reps and practice.

Prerequisites: ICS 200 certification

Instructor: Richard Kraemer, Chief, Hamilton Township Fire Dist. # 6

Date: November 13, 2012

Time: 1830-2230 hrs

Cost: In-County - \$30.00

Out of County - \$40.00

Registration Deadline: November 9, 2012

PUTTING THE BLACK & WHITE ON THE BLACKTOP: PREPARING FOR AND SURVIVING THE CLOSE CALL

On Dec. 22, 2006 the Trenton Fire Department successfully rescued five of their own from 930 Prospect Street after interior conditions worsened and a flashover was experienced. The successful rescues were the ultimate dividend of established "Safety & Survival" and "RIC" programs. This program is designed to motivate the fire officer on how to implement such programs in their department when factors such as tradition, ego and lack of operating guidelines threaten to impede forward progress. An incident overview and lessons learned will be shared by a company officer operating at the scene who played a key role in the successful outcome.

Instructor: Robert Tharp, Battalion Chief, Trenton Fire Department

Date: November 7, 2012

Time: 1900-2200 hrs

Cost: In-County - \$30.00

Out of County - \$40.00

Registration Deadline: November 5, 2012

SCHOOL BUS MVA'S

This course lecture will review School Bus MVA's and incident considerations for firefighters. The course will look at several areas of School Bus MVA's which includes scene assessment, school bus layout & design, safety precautions, cribbing and firefighter responsibilities.

Instructor: Ken Kandrak, Battalion Chief (ret), North Hudson Regional Rescue, Union City, NJ

Date: September 11, 2012

Time: 1900-2200 hrs

Cost: In-County - \$30.00

Out of County - \$40.00

Registration Deadline: September 5, 2012

STRATEGIES & TACTICS FOR INITIAL COMPANY OFFICERS (NFA - STICO)

This 16 hour National Fire Academy course is designed to meet the needs of Company Officers responsible for managing the operations of one or more companies during structural firefighting operations. STICO is designed to develop the management skills needed by company officers to accomplish assigned tactics at structure fires.

Instructor: Mark Antozzeski, Chief, Hamilton Township Fire Dist. # 9

Date(s): October 4, 11, 25 and November 1, 2012 (Thursdays)

Time: 1830-2230 hrs

Cost: In-County - \$ 125.00

Out of County - \$135.00

Registration Deadline: October 1, 2012

STRATEGY & TACTICS FOR MULTI-FAMILY DWELLINGS

Multi-family dwellings are in all towns and pose unique challenges for firefighters. This course will review Strategy & Tactics for fires in Multi-family dwellings such as townhouses, condos, apartments and attached homes. Students will gain an understanding of considerations for fire suppression, rescue, exposure protection and types of construction and their features.

Instructor: Ken Kandrak, Battalion Chief (ret), North Hudson Regional Rescue, Union City, NJ

Date: September 25, 2012

Time: 1900-2200 hrs

Cost: In-County - \$30.00

Out of County - \$40.00

Registration Deadline: September 21, 2012

STREET SMART LADDERING (*Hands-On*)

This course was originally developed by Lt. Michael Ciampo, Lt. Dave Gallagher and Capt. Aaron Heller, which consists of hands-on training. Practical evolutions including raises and carries, victim rescues via ground ladders, leg lock maneuvers, multiple portable ladder scenarios, and many more pointers for safer and more effective portable ladder operations.

Instructor: Aaron Heller, Captain, Hamilton Township Fire Dist. # 9

Date: September 18, 2012

Time: 1830-2230 hrs

Cost: In-County - \$75.00

Maximum Students: 15

Out of County – \$85.00

Registration Deadline: September 12, 2012

TRUCK COMPANY OPS: ADVANCED RESIDENTIAL SEARCH & RESCUE ***(Live Burn Evolutions)***

The purpose of this course is to provide students with practical, real-world search and rescue techniques. Upon completion, students will be able to confidently conduct a rapid and aggressive search of a single family, residential dwelling without the protection of a hose line. Students will receive classroom instruction as well as participate in a series of hands-on evolutions involving live fire and smoke. Students will learn and perform the following skills: Vent, Enter, Search (VES); Searching the fire floor, Searching the floor above the fire without a hose line; Unconscious Victim Removal via Ground Ladder; and Alternate Entry.

Prerequisites: Firefighter 1 certification & Current Fit Test Form

PPE Requirements for November 6, 2012 (Second Night):

Full Structural Firefighting Ensemble, SCBA with a Spare Cylinder(s)

Instructor: Keith Greene, Lieutenant, Hamilton Township Fire Dist. # 3

Date(s): October 30 and November 6, 2012 (*must attend both nights*)

Time: 1830-2230 hrs

Cost: In-County - \$125.00

Maximum Students: 15

Out of County - \$135.00

Registration Deadline: October 23, 2012

TRUCK COMPANY OPS: POWER SAWS *(Hands-On)*

The purpose of this class is to improve the student's knowledge and understanding of the chain saw and rotary (K12) saws used in the fire service. This course will cover general operating and maintenance procedures, as well as provide plenty of hands-on time cutting wood, concrete and metal. Learn to be the master of your department's saws. You know, be that firefighter who can always get the saw started, even when others can't. The one who always cleans the saws after a job and then gets them quickly back into service for the next one.

Prerequisites: Firefighter 1 certification

PPE Requirements: Full Structural Firefighting Ensemble

Instructor: Keith Greene, Lieutenant, Hamilton Township Fire Dist. # 3

Date: October 9, 2012

Time: 1830-2230 hrs

Cost: In-County - \$100.00

Maximum Students: 15

Out of County - \$110.00

Registration Deadline: October 2, 2012

GENERAL INFORMATON

“The Dempster Center”

The Captain John T. Dempster Fire Service Training Center is located in central Mercer County in close proximity to the Quakerbridge Road and U.S. Route 1 area. Set in a semi-suburban area, the original mission was to provide a central training focus for the fire service community in and around Mercer County. Today, the Dempster Center has an ever-expanding role in providing training to other Emergency Services Personnel, some of whom include Emergency Medical Professionals, Law Enforcement Professionals, Hazmat Professionals and Emergency Management Professionals.

The facility is also home to Emergency Service agencies such as the Mercer County Office of Emergency Management and the Mercer County Central Communications Center. Various other groups and functions use the facility. For example: the Mercer County Improvement Authority, and the New Jersey Division of Fire Safety.

The facility consists of three (3) classrooms, one (1) central auditorium, a small library, a seminar room / small group classroom, a kitchen and lunchroom area, a three (3) bay apparatus room and 450,000 square foot Training Ground. The Training Grounds are equipped with pre-staged propane simulation props, a high-rise tower with burn room, a residential building with first floor burn room and second floor Bedroom Fire Simulator, a Motor Vehicle Simulator, a drafting pond, and a special operations pad.

Directions

From NJ Turnpike (above exit 9): Take exit 9 to Route 18 North to Route 1 South. Proceed approximately 18 miles to Quaker Bridge Road. Take Quaker Bridge Road exit. After mall, proceed 1/2 mile and turn right onto Lawrence Station Road. Training Center is on the right after approximately 3/4 mile.

From NJ Turnpike (below exit 8): Take exit 7A to Route 195 West. Follow 195 West to 295 North. Take exit for route 1 North. Follow 1 North to Quaker Bridge Road. Take Quaker Bridge Road exit. After mall, proceed 1/2 mile and turn right onto Lawrence Station Road. Training Center is on the right after approximately 3/4 mile.

How to Contact Us:

Mailing Address: Mercer County Fire Academy
 Captain John T. Dempster Fire Service Training Center
 350 Lawrence Station Road
 Lawrenceville, New Jersey 08648

Office Phone: (609) 799-3245

Facsimile: (609) 799-1549

Web Address: **www.dftc.org**

Class Suspensions/Weather Closings

Announcements regarding all suspensions, weather or emergency related, will be made by Mercer County Central Communications over Mercer County F-1 (154.430) during the morning and afternoon "Out of Service" reports. Every effort will be made to reschedule suspended classes as soon as reasonably possible. Students will be informed of the reschedule date.

Holiday Schedules

As a campus of the Mercer County Community College, the Academy's Administrative Offices are subject to the holiday schedule adopted by the college. Normal business hours are 8 am to 4 pm.

Facility Rental

The Fire Academy will rent classrooms or the auditorium to organizations for the purpose of meetings and training sessions. All inquiries and requests for rental should be directed to the Administrative Offices. All uses will be subject to the approval of the Director without exception.

Facility Use Requests

Agencies wishing to apply for the utilization of any facility at the Academy will submit a written request by utilizing the provided forms. Requests for classroom, auditorium, or interior facilities will submit a Facility Use Request Form. Requests for outside training areas, training props or exterior facilities will submit a Training Ground Use Request Form. **All facility requests will be made at least one (1) week in advance of the desired date of activity.** Forms without complete information will be rejected. The completed forms must come with a Certificate of Liability Insurance. All facility requests are subject to the approval of the Director or the Director's designee. Agencies utilizing any facility or resource of the Dempster Fire Training Center are expected to abide by all applicable regulations without exception. The forms can be found on the web at www.dftc.org.

POLICIES & PROCEDURES

Course Registration

Students wishing to enroll in any course offered by the Dempster Center shall submit a properly completed Course Registration Form. This form can be found on the web at www.dftc.org or at the end of this catalog, or by calling (609) 799-3245. Registration forms must be clearly and completely filled out. Submission must be prior to the start of the class. **No walk-ins will be permitted!** Payment may accompany registration, please submit payment in the form of a check, money order or Department Purchase Order (Made out to the "Mercer County Community College"). If payment is not made with registration, Departments/Agencies or individuals will be billed upon completion of the class, at which time an invoice will be generated and sent out. ***Unless otherwise stated, the enrollment deadline is one week prior to the class start date.***

Course Enrollment Confirmations

Course enrollment confirmations will be faxed back to the sponsoring agency as soon as they are received and approved.

Course Cancellations

If you have to cancel for some reason, you must do so at least one (1) week prior to the starting date of the class or program. All cancellations must be made through the Academy's Administrative Office during normal business hours. ***If you do not cancel as stipulated above, you will be responsible for the full registration fee.***

Dress Code

Students are reminded that they are a representative of their organization and are expected to dress accordingly.

Lecture (Classroom) Courses or Programs:

Casual but neat clothing is permitted. Hats are not to be worn while in the classroom. Students are reminded that they represent not only themselves, but also their organization.

Practical (Hands On) Courses, Programs or Evolutions:

Comfortable clothing is suggested. All loose jewelry shall be removed prior to arriving at the Dempster Center. No earrings, necklaces or bracelets shall be permitted during live fire training. Note: Medic Alert bracelets and necklaces are acceptable if properly covered. **The Dempster Center is not responsible for personal articles that become damaged, lost or stolen.**

Prerequisites

Some courses may require prerequisites. The specific requirements can be found in the course description for each course. Please make sure that you have completed the necessary prerequisites prior to enrolling in any course. Documentation of required prerequisites must accompany the Course Registration forms. Any student not meeting prerequisite requirements will not be permitted to register for the desired course.

Academic Requirements

Successful completion of any course will require the student to meet minimally established competencies. If applicable, students may have to obtain a minimum passing grade (usually 70%) on a written test, successfully complete practical evaluations, or satisfy stated criteria. Students will not be given credit for any unit of instruction in which they did not actively and satisfactorily participate or attend.

Attendance and Make-ups

Attendance at ALL class or course sessions is mandatory to successfully complete any course. Departure before conclusion of the class will be considered an absence.

Facility Hours of Operation / Class Hours

The Dempster Center Administrative Office is open normal business days from 8 am to 4 pm. Hours of operation for classroom facilities and the training grounds are by appointment only, unscheduled use of the classroom facilities or training grounds is strictly prohibited. Scheduled times for courses and training classes will be specified in the individual course description.

Protective Clothing, Protective Equipment and SCBA

The use of protective clothing and equipment is strictly enforced at the Dempster Center. All equipment and clothing shall meet all applicable OSHA and PEOSHA standards and regulations. Students are expected to provide their own equipment based upon the requirements of the course or class. Protective equipment, when necessary for class, shall be stored in the apparatus bay when not in use. No boots or turnout gear is permitted in carpeted areas of the Training Center.

Personal Grooming and Live Fire and/or SCBA Evolutions

Students with a beard or excessive facial hair shall not be permitted to participate in any courses that require the use of Self Contained Breathing Apparatus (SCBA). This includes any flammable gas or liquid evolutions. This is according to OSHA 29 CFR 1910.134, NFPA 1500 and Sec. 5-3.10 PEOSHA. Any student participating in live fire training, who has hair that extends below his or her collar, must arrange their hair so that it does not fall below the collar. Hair enclosed in an OSHA approved hood is acceptable.

Physical Qualification of Students

Due to the physical requirements of Emergency Services training and the demanding nature of Emergency Services training evolutions, any student who would pose a direct threat to the health or safety to themselves and/or to others shall not be permitted to participate in such evolutions. The aforesaid rules shall conform to the requirements of the A.D.A. Also a Doctor's approval may be required for certain courses requiring strenuous physical activity.

Liability

It is the responsibility of each organization that uses the Fire Academy to provide a Certificate of Liability Insurance from their insurance company prior to any class or training evolution. The Certificate of Liability Insurance must provide the following: Liability Insurance amount; The County of Mercer and the Mercer County Community College shall be named as an additional insured; The Certificate of Insurance holder shall be the Mercer County Fire Academy.

Student Conduct

Students shall be courteous and disciplined. Proper decorum shall be observed at all times toward fellow students, Fire Academy staff, MCCC staff, and Instructors from other agencies. Students will be responsible for maintaining all books, equipment, apparatus and buildings made available for their use. The following is **prohibited**: abusive, profane or obscene language or behavior; horseplay or any disturbance during class; any form of gambling; sexual harassment; possession or introduction of any intoxicants; or reporting to class under the influence of intoxicants, fighting, stealing, cheating on quizzes or exams. Students are also expected to refrain from disturbing all other training sessions or evolutions. Anyone who exhibits the aforementioned will be expelled from the Fire Academy and its property. Books, papers, equipment or other materials on the instructor's desk, podium or chalkboard are for the use of the Academy Staff ONLY.

Snack Bar

The Dempster Center does provide a small snack area with snack food and beverage vending machines and fixed seating for such items. All such items **are not** permitted in the classrooms.

Smoking

Smoking or the use of chewing tobacco is not permitted anywhere within the buildings or on the actual training grounds. Smoking is only permitted in outside areas where appropriate smoking material refuse containers are provided. All discarded smoking materials will be placed in the provided containers (not on the ground) without exception.

Trash/Recyclables

Students are expected to place all trash in the provided receptacles. The Dempster Center does participate in a recycling program. All cans and bottles are to be placed in the yellow recycling containers.

Restrooms

Men and women's restrooms are located in the Administration Building, adjacent from "Classroom B" and the "Snack Room". Restrooms are also located on the first floor of the Control Building on the training grounds (which are to be used during training ground evolutions).

Pagers / Cellular Phones / Radios / Personal Organizers / Personal Computers, Etc.

All pagers and cellular phones will have silent features enabled or be shut off during training sessions. Radios will not be permitted to remain on during training sessions. Personal organizers and personal computers will not be used unless in conjunction with the training session. The student will not utilize any item that causes the disruption of any training session or evolution. Students who become a nuisance to the Instructor and other students will be asked to leave the session or evolution.

Exception: Crews with apparatus and Chief Officers that are "in-service" for an immediate emergency response from the Training Center are permitted to leave radio and paging equipment on provided that the volume is kept as low as reasonably possible and the Instructor is notified at the beginning of the class of the possibility of departure.

Facility Parking

Facility parking is located in front of the main entrance to the Dempster Fire Training Center. Additionally, the posted designation of parking areas for Fire Academy Staff, OEM Staff and Communications Staff will be observed at all times. Any vehicle not properly parked may be towed at the owner's expense.

No personal vehicles are permitted on the Training Grounds at any time (No Exceptions).



Mercer County Fire Academy

Field Delivery Program



Overview

The Field Delivery Program (previously Drill Maintenance Program) was originally developed to assist area Fire Departments meet their training needs but at the same time not put additional burdens on the department officers. Drills involving lectures only will be given at the department's fire station. All live burn training will be conducted at the Fire Academy. Other hands on training not involving live burns may be given at the Fire Academy or a site in the department's fire district, which ever meets the course regulatory and safety requirements. ***(Courses in this catalog will not be part of the Field Delivery Program).***

Procedures

Departments wishing to participate in the Field Delivery program should notify David Gayley, Deputy Director of their intent to participate by submitting a "Field Delivery Course Application". The Academy will then contact the participating department to discuss needs and delivery options and scheduling. Remember, departments may schedule as few or as many drill modules as they desire. The scheduling of modules is usually flexible enough that program could be offered daytime, evening or weekends. The Fire Academy requests two weeks' notice to be able to properly prepare all classes and paperwork.

Please note that advance notice must be provided for course which the Department desires CEU credits. The NJDHSS OEMS requires at least thirty (30) days notice for CEU request approvals. Additionally, the NJ DFS requires at least forty-five (45) days notice for programs that require them to supply materials

Record keeping

Records of the program, both content and attendees will be kept by the Academy.

Cost

The cost of this program will vary depending on the drill modules selected by the participating company/department.

MCCC FIRE SCIENCE TECHNOLOGY PROGRAM

Fire Science Technology *Associate in Applied Science Degree*

Fire Science Technology-Fire Code Enforcement Certificate of Proficiency

Fire Science Technology-Fire Officer/Administrator Certificate of Proficiency

The associate degree program in Fire Science Technology is designed to meet the needs of individuals entering the fields of fire fighting and fire prevention and to provide opportunities for professional and volunteer fire service personnel to advance their knowledge and skills.

Students pursuing programs in fire science should be aware that various municipal and industrial fire service agencies establish physical, mental, and character requirements. Persons interested in this option are advised to gain an awareness of the specific requirements for their desired work setting.

Since the degree program is designed to meet the needs of the part-time student, the program will normally take a minimum of three years to complete. All fire science courses are offered in the evening.

Mercer graduates are employed by city, state, and federal departments dedicated to the fire services field.

Agreements have been made to facilitate transfer to fire science programs at John Jay College of Criminal Justice, Holy Family College, New Jersey City University, University of Maryland-College Park, City University of New York and Thomas A. Edison State College. Students interested in transferring to these institutions should contact the program advisor early in their course work at Mercer.

Admission requires a high school diploma or equivalent and competency in English and mathematics as demonstrated by placement testing.

The Fire Science courses offered by Mercer County Community College are held at the Dempster Fire Training Academy. In addition to an Associate Degree Program, the College also offers Certificate Programs in various areas. More information may be obtained by contacting James McCann, Fire Academy Director or the Community College.

Email: mccannj@mccc.edu or by calling (609) 799-3245

Visit Mercer County Community College on the web: www.mccc.edu

**MERCER COUNTY FIRE ACADEMY
ADMINISTRATIVE STAFF**

James J. McCann Director

David Gayley Deputy Director

Helen M. TaylorAdministrative Specialist

Christopher Smith Curriculum Coordinator

Paul Sobke.....Training Ground Assistant

MERCER COUNTY FIRE ACADEMY INSTRUCTORS

Aberger, Julie
Antozzeski, Mark
Boone, Daniel
Burns, David
Burzachiello, Michael
Cashel, Theodore
Chyzik, William
Crammer, Bernard III
D'Artagnan, Wayne
Dilapo, Ronald
Freeman, Alice
Gayley, David
Gossard, GERALYNNE
Greene, Keith
Gulotta, Anthony
Heller, Aaron
Hopson, William
Kandrac, Kenneth
Kashella, Michael
Kiernan, Michael
Kraemer, Richard
Kraemer, Steven
Kuliczowski, Leon
Lane, Walter
Loh, G. Michael III
Loh, Scott

Lubertazzi, Michael
Macken, Allison
Malik, Ian
Manuel, William
McCann, James
Metzger, Timothy
Moore, Douglas
Moran, Anthony
Murdza, Ronald
Newborn, Paul
Orlandi, Cynthia
Rindt, John F. Jr.
Sanders, Melvin
Sanders, Richard
Smith, Christopher
Smolka, David
Sobke, Paul
Taylor, Frederick
Tharp, Robert
Troyano, Joseph
Vallo, Joseph
Van Hise, Robert
Vorp, Douglas
Wasko, Gary
Welling, John III



Mercer County Fire Academy
Capt. John T. Dempster Sr. Fire Training Center
350 Lawrence Station Road
Lawrenceville, NJ 08648
Telephone: (609) 799-3245 Fax: (609) 799-1549



COURSE APPLICATION AND REGISTRATION FORM

Course Information

Course Title	Start Date
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Applicant Information (to be completed by the applicant)

Name	Mailing Address	
NJ DFS Firefighter #	NJ OEMS EMT Certification #	Date of Birth
Home Phone	Cell Phone	E-Mail Address

Enrollment & Course Requirement Reminders:

Only those applicants meeting and providing course pre-requisites will be accepted. Please ensure all necessary documentation is attached.	No student shall be permitted to attend/participate in any course or evolution which requires the use of an SCBA if they have excessive facial hair.	Casual but neat clothing is permitted, no cutoffs, non-fire department uniform shorts or open toe footwear will not be permitted.
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Certification Section (to be reviewed by the Applicant and completed by the Agency, Department or Organization)

Agency/Department/Organization Name	Mailing Address
Agency/Department/Organization Phone	Agency/Department/Organization Fax

The undersigned certifies that the applicant enrolled in the above course does not have any physical and/or other conditions, which would prevent him or her from actively participating in all portions of this course. The student will be provided with PPE and SCBA by this department/organization which complies with PEOSHA standards NJAC 12:100-10 and has complied with the NJ Department of Labor adopted Respiratory Standard 29 CFR 1910.134 as it applies to medical evaluations and fit testing. The undersigned also certifies that the student enrolled in this course is covered by the department/organization's Workman's Compensation, Liability and medical insurance as indicated by a copy of a current certificate of insurance attached to this application or on file at the Fire Academy.

The above named organization and individual shall hold harmless and indemnify the County of Mercer, the Mercer County Community College and the Mercer County Fire Academy, its officers, agents and employees from any and all injuries, damages and claims for damage to persons and/or property arising from the actions of its attendees at the Mercer County Fire Academy, except as such injuries and damages are caused by the gross negligence of the Academy or its employees or agents.

Authorizing Officer's Name	Authorizing Officer's Rank	Authorizer's Signature	Date
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For Fire Academy Use Only

Your Department's/Organization's course application has been approved. Invoice will be forwarded once class begins.

_____ Date	_____ Mercer County Fire Academy
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Your Department's/Organization's course application has been returned for the following reasons. Please provide information requested and return.

_____ No current Certificate of Insurance _____ Student does not meet course prerequisite requirements
_____ Course is Full _____ Other _____

_____ Date	_____ Mercer County Fire Academy
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