

Mercer County Fire Academy

Fall 2021 COURSE CATALOG



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MERCER COUNTY FIRE ACADEMY
FALL 2021 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,
team work 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
Are We Winning or Losing the Fire Service Leadership Game?	10/27/21	Robert Tharp	3	5
Art of Reading Smoke	11/10/21	Robert Tharp	3	5
Building Construction for the Fire Service	09/14/21	Kenneth Kandrak	3	6
CEVO 3 – Fire	11/02/21	Richard Sanders	3	6
CO Emergencies	11/16/21	William Chyzik	4	7
Conventional Forcible Entry - (Hands-On Evolutions)	10/19/21	John Schafer	4	7
Electrical Fires – Investigating Cause & Origin	10/12/21	Kenneth Kandrak	3	8
Engine Company Operations: The Stretch - (Live Burn Evolutions)	10/02/21	Academy Staff	6	8
Firefighter 1	08/09/21 – 11/24/21	Staff	180	9
Hazmat Awareness	08/25/21 – 08/26/21	G. Michael Loh III	4	9
Hazmat Operations	09/04, 09/08/21 and 09/09/21	Academy Staff	12	10
ICS 100 / NIMS 700	08/14/21	Scott W. Loh	4	10
Incident Safety Officer	10/04, 10/11, 10/18 and 10/25	Scott W. Loh	16	11
Motor Vehicle Fires – Origin and Cause	11/23/21	Kenneth Kandrak	3	11
No New Acronyms	09/27/21	Mark Antozzeski	3	12
Open Burn Night – (Live Burn Evolutions)	11/09/21	Michael Kiernan	4	12
Principles of Truck Company Operations	10/14/21	William Chyzik	4	13
Solar Panel Fires	11/11/21	Kenneth Kandrak	3	13
Traffic Incident Management	09/30/21	Mark Antozzeski	4	14

ARE WE WINNING OR LOSING THE FIRE SERVICE LEADERSHIP GAME?

The course objective is to discuss leadership in today's Fire Service and whether we are cultivating the next generation of fire service leaders. The course will also discuss real fire service leadership issues from the instructor's past experiences and discuss traits needed to be a successful leader.

Pre-Requisites: NJ State Firefighter 1 Certification

Instructor: Robert Tharp, Battalion Chief (retired), Trenton Fire Department

Date(s): October 27, 2021

Time(s): 1830 – 2230 hours

Cost: In-County - \$30.00

Out of County - \$40.00

Registration Deadline: October 22, 2021

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".

Pre-Requisites: NJ State Firefighter 1 Certification

Instructor: Robert Tharp, Battalion Chief (retired), Trenton Fire Department

Date(s): November 10, 2021

Time(s): 1830 – 2230 hours

Cost: In-County - \$30.00

Out of County - \$40.00

Registration Deadline: November 4, 2021

BUILDING CONSTRUCTION FOR THE FIRE SERVICE

The knowledge of Building Construction truly saves lives on the fire scene. Take part in this overview of the building construction types and inherent hazards to the firefighter. Highlights will include historic structures and new construction. Special attention will be paid to correlate strategy and tactics at the incident scene based on the building construction type.

Pre-Requisites: NJ State Firefighter 1 Certification

Instructor: Kenneth Kandrac, Battalion Chief (ret), North Hudson Regional Fire Rescue, Union, NJ

Date(s): September 14, 2021

Time(s): 1830 – 2200 hours

Cost: In-County - \$30.00

Out of County - \$40.00

Registration Deadline: September 10, 2021

COACHING THE EMERGENCY VEHICLE OPERATOR (CEVO) 3: FIRE

The National Safety Council course promotes critical thinking during high-pressure driving situations and offers defensive driving strategies to avoid collisions. The course trains fire apparatus operators, volunteer and municipal fire personnel how to navigate through traffic safely in both emergency and non-emergency situations and features videos with real-life driver simulations followed by group discussions. Participants will learn defensive driving techniques to maneuver safely through traffic under severe time constraints and stress. Topics include navigating through intersections, cushion of safety, passing and changing lanes, handling blind spots, backing up safely, proper positioning the fire apparatus, operating on different road surfaces, weather conditions and more.

Pre-Requisites: NJ State Firefighter 1 Certification

Instructor: Richard Sanders, Robert Wood Johnson EMS

Date(s): November 02, 2021

Time(s): 1830 – 2200 hours

Cost: In-County - \$30.00

Out of County - \$40.00

Registration Deadline: October 27, 2021

CO EMERGENIES

Each year people die from accidental CO poisoning and thousands more are injured. Are you prepared to respond to this type of incident? Can you recognize the signs and symptoms of a CO emergency? Can you identify potential sources of CO, understand its characteristics and take appropriate actions to safely mitigate the situation. This lecture will provide the necessary information to help keep you and your crew safe when operating at these incidents.

Pre-Requisites: NJ State Firefighter 1 Certification

Instructor: William Chyzik, PPPL Emergency Planning Program Manager

Date(s): November 16, 2021

Time(s): 1830 – 2130 hours

Cost: In-County - \$30.00

Out of County - \$40.00

Registration Deadline: November 11, 2021

CONVENTIONAL FORCIBLE ENTRY

(Hands-On Evolutions)

Students will participate in a series of hands-on evolutions designed to be both challenging and practical. The following techniques will be covered: forcible entry tools and equipment, two person forcible entry for in-ward and out-ward opening doors, one person forcible entry for in-ward and out-ward opening doors, spiking wooden doors, and rabbit tool hydraulic forcible entry.

Pre-Requisites: NJ State Firefighter 1 Certification

PPE Requirements: Full Structural Firefighting Ensemble including SCBA with spare bottles

Instructor(s): John Schafer, Firefighter, Hopewell Valley Emergency Services

Date(s): October 19, 2021

Time(s): 1830 – 2230 hours

Cost: In-County - \$50.00

Out of County - \$60.00

Registration Deadline: October 15, 2021

ELECTRICAL FIRES – INVESTIGATING CAUSE & ORIGIN

This course will give students an overview of electrical systems and their relationship in determining the potential of electrical involvement in fires. This course will include updated information for florescent and compact florescent lighting. The course is based on NFPA 921.

Pre-Requisites: NJ State Firefighter 1 Certification

Instructor: Kenneth Kandrac, Battalion Chief (ret), North Hudson Regional Fire Rescue, Union, NJ

Date(s): October 12, 2021

Time(s): 1830 – 2200 hours

Cost: In-County - FREE

Out of County - FREE

Registration Deadline: October 7, 2021

ENGINE COMPANY OPS: THE STRETCH

(Live Burn Evolutions)

There are a variety of ways to load and stretch the initial attack line. However, stretching and loading attack lines cannot be a “one size fits all” approach. It should be tailored to department staffing levels, building types, and layouts of each jurisdiction. This course will give the student an opportunity to learn the pros and cons of several different types of hose loads. Utilizing live fire evolutions, the student will learn what would be the most efficient method of getting water on the fire in their jurisdiction.

Pre-Requisites: NJ State Firefighter 1 Certification

PPE Requirements: Full Structural Firefighting Ensemble including SCBA with spare bottles

Instructor(s): Fire Academy Staff

Date(s): October 2, 2021

Time(s): 0830 – 1430 hours

Cost: In-County - \$125.00

Out of County - \$135.00

Registration Deadline: September 24, 2021

FIREFIGHTER 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

Date(s): August 9, 2021

Time(s): Monday, Wednesday and Thursday (1830-2230 hours) and Saturdays (0830-1630 hours)

Cost: Mercer County Chief's Assoc. Depts. - \$225.00 - All others \$325.00

Maximum Enrollment: 25 students

Registration Deadline: August 2, 2021

HAZARDOUS MATERIALS AWARENESS

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. There will be Skill Testing along with a State Hazmat Awareness Exam.

Pre-Requisites: NJ State Firefighter 1 certification

Instructor: G. Michael Loh, Deputy Chief, Bristol Myers Squibb Fire

Date(s): August 23 & August 25, 2021

Time(s): 1830 – 2230 hours

Cost: In County - \$30.00

Out of County - \$40.00

Registration Deadline: August 18, 2021

HAZARDOUS MATERIALS OPERATIONS

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. There will be Skill Testing along with a State Hazmat Operations Exam.

Pre-Requisites: Hazmat Awareness Certification and NJ State Firefighter 1 certification

Instructor(s): Fire Academy Staff

Date(s): September 4, 8 and 9, 2021

Time(s): 0830-1630 hours (Saturday) / 1830-2230 hours (Wednesday & Thursday)

Cost: In-County - \$60.00

Out of County - \$85.00

Registration Deadline: August 30, 2021

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.

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.

Instructor: Scott W. Loh, Fire Marshal, Princeton University

Date(s): August 14, 2021

Time(s): ICS 100 (0830-1230 hours) and NIMS 700 (1300-1630 hours)

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, 2021

INCIDENT SAFETY OFFICER

This 16 hour course is designated to provide the company officer with skills to function effectively as the Safety Officer at the incident scene. The primary focus shall be on developing decision making skills through the recognition of cues that affect personal safety. A specific focus on operations within the Incident Command System is maintained. Response to all hazardous situations will be emphasized.

Pre-Requisites: NJ State Firefighter 1 Certification

Instructor: Scott W. Loh, Fire Marshal, Princeton University

Date(s): October 4, 11, 18 and 25, 2021

Time(s): 1830 – 2230 hours

Cost: In-County - \$125.00

Out of County - \$150.00

Registration Deadline: September 29, 2021

MOTOR VEHICLE FIRES - ORIGIN and CAUSE

Modern day vehicles are much more complex in design than of earlier days. Current vehicle components and their combustibility are a big factor in fire origin and cause. This course will review the things to look for when determining origin and cause of motor vehicle fires.

Pre-Requisites: NJ State Firefighter 1 Certification

Instructor: Kenneth Kandrac, Battalion Chief (ret), North Hudson Regional Fire Rescue, Union, NJ

Date(s): November 23, 2021

Time(s): 1830 – 2200 hours

Cost: In-County - FREE

Out of County - FREE

Registration Deadline: November 19, 2021

NO NEW ACRONYMS: RE-AFFIRMING TIME TESTED, OLD FASHION AND RELIABLE OFFICER SKILLS

This 3 hour lecture brings many steadfast concepts and practices into a renewed focus for officers and up-coming officers. The lecture will include the following topics: training environment, the need to rededicate ourselves to our community and customer service delivery, reduce the Facebook firefighter attitudes, risk management, who's in charge and why, the size up process, gathering information, decision making process actions based on limitations of resources, command sequence, incident commander styles with pros and cons of each, coordination of personnel and actions on the fire ground, required critical incident information, incident command functions, modes of fire attack and their important differences, fire scene video examples are used to initiate "give and take" conversations. Also additional videos are used at the session conclusion to further illustrate the concepts presented.

Pre-Requisites: NJ State Firefighter 1 Certification

Instructor(s): Mark Antozzeski, Fire Chief (retired), Hamilton Township Fire District # 9

Dates(s): September 27, 2021

Time(s): 1830 – 2130 hours

Cost: In County - \$30.00

Out of County - \$40.00

Registration Deadline: September 22, 2021

OPEN BURN NIGHT

(Live Burn Evolutions)

This night of live fire evolutions is not necessarily a class, but a drill that is designed for firefighters of all experiences and ranks to come out and hone their existing skills. This will be a chance to work with firefighters from other departments and see how they operate. Maybe you saw something on social media that you would like to try, like a difference hose stretch or a way to throw a ladder, if it is within safety standards, we can try it! While there will be Academy Staff on hand for assistance and guidance, the idea is that we can teach each other and maybe pick up some tips and techniques.

Pre-Requisites: NJ State Firefighter 1 Certification

PPE Requirements: Full Structural Firefighting Ensemble including SCBA with spare bottles

Instructor(s): Michael Kiernan, Captain, Hamilton Fire Department

Date(s): November 09, 2021

Time(s): 1830 – 2230 hours

Cost: In-County - \$75.00

Out of County - \$85.00

Maximum Enrollment: 16 students

Registration Deadline: October 29, 2021

PRINCIPLES OF TRUCK COMPANY OPERATIONS

This lecture will introduce the student to the basic duties and functions of a truck company. It will also provide a basic understanding of the many tasks that are carried out at a fire scene as a member of a truck company. Topics will include: duties and responsibilities, riding positions, apparatus positioning considerations, tactical procedures and safety on the fire ground.

Pre-Requisites: NJ State Firefighter 1 Certification

Instructor: William Chyzik, PPPL Emergency Planning Program Manager

Date(s): October 14, 2021

Time(s): 1830 – 2130 hours

Cost: In-County - \$30.00

Out of County - \$40.00

Registration Deadline: October 9, 2021

SOLAR PANEL FIRES

Today's modern energy needs include the use of solar panels for both residential and commercial properties. This course will provide a review of equipment used for solar panel installation in both residential and commercial properties. Strategy & Tactics for structural fires with solar panel involvement will provide the students with the information needed to safely handle these situations.

Pre-Requisites: NJ State Firefighter 1 Certification

Instructor: Kenneth Kandrac, Battalion Chief (ret), North Hudson Regional Fire Rescue, Union, NJ

Date(s): November 11, 2021

Time(s): 1830 – 2130 hours

Cost: In-County - \$30.00

Out of County - \$40.00

Registration Deadline: November 5, 2021

TRAFFIC INCIDENT MANAGEMENT (TIM)

Making our roadways safer at incidents for emergency responders, motorists and crash victims is critical to everyone and is the goal of the National Traffic Incident Management Program. Effective TIM reduces the duration and impacts of traffic incidents and improves the safety of motorists, crash victims and emergency responders. The sooner incidents are detected, the sooner personnel can respond to the incident and clear it from the roadway, thereby allowing traffic lanes to re-open.

(NJDFS CEU'S - 0.25)

Instructor(s): Mark Antozzeski, Fire Chief (retired), Hamilton Township Fire District # 9

Dates(s): September 30, 2021

Time(s): 1830 – 2230 hours

Cost: In County - FREE

Out of County - FREE

Registration Deadline: September 23, 2021

GENERAL INFORMATION

“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), 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 Route 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**](http://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 8:00 AM to 4:00 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 the outside training ground 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. 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)**

Pre-Requisites

Some courses may require pre-requisites. The specific requirements can be found in the course description for each course. Please make sure that you have completed the necessary pre-requisites prior to enrolling in any course. Documentation of required pre-requisites must accompany the Course Registration forms. Any student not meeting pre-requisite requirements **will not** be permitted to register for the 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** classes 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 8:00AM to 4:00PM. 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,
THERE ARE 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 at (609) 799-3245 or gayleyd@mccc.edu 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.

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*

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 during the day and 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-University College, 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. 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
ADMINSTRATIVE STAFF

James J. McCann Director

David Gayley Deputy Director

Helen M. TaylorDepartment Specialist

MERCER COUNTY FIRE ACADEMY INSTRUCTORS

Aberger, Julie
Antozzeski, Mark
Batt, Jeffrey
Burns, David
Chyzik, William
D'Artagnan, Wayne
DeVita, Eric
DiLapo, Ronald
Donahue, Kevin
Filandro, Michael
Gayley, David
Glover, Edward
Gossard, GERALYNNE
Greene, Keith
Hargraves, Thomas
Heller, Aaron
Hopson, William
Kandrac, Kenneth
Kiernan, Michael
Kraemer, Richard
Kraemer, Steven
Loh, G. Michael III
Loh, Scott

Lubertazzi, Michael
Malik, Ian
McCann, James
Metzger, Timothy
Moore, Douglas
Moran, Anthony
Mull, Charles
Newborn, Paul
Orlandi, Cindy
Pierson, Jarred
Sanders, Richard
Schafer, John
Smisloff, John
Smith, Christopher
Smolka, David
Summers, Harold Jr.
Taylor, Frederick
Tharp, Robert
Tomalin, Dan
Troyano, Joseph
Vetrano, Stephen
Vorp, Douglas
Wasko, Gary



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

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