

Welcome

The McDowell Fire & Rescue College Training Committee would like to welcome you to the 32nd annual McDowell Fire and Rescue College.

McDowell County emergency service personnel are committed to training and believe that it is extremely vital to any organization so that they can respond responsibly to the needs of their community. It is a known fact that having the proper training can mean the difference between life and death for the responders, as well as the ones they are responding to help.

It is our commitment to provide up to date, state of the art, professional training. We diligently work to provide the best instructors for our classes and to ensure that your training weekend is rewarding and enjoyable.

Please feel free to contact us if we can be of any service to providing you with an excellent training experience. We look forward to serving you the weekend of March 20 – 22, 2009.

The McDowell Fire & Rescue College would like to extend a special thanks to the following agencies for their support of our school.

Avery County

Linville Central Rescue

Crash Truck

Buncombe County

Asheville Fire Rescue
 Black Mtn FD
 Enka Candler FD
 Leicester VFD
 Skyland FD
 Swannanoa FD

Pumper
 Pumper
 Air Unit
 Pumper
 Pumper
 Heavy Rescue Unit

Burke County

Lake James VFD
 West End VFD

Pumper
 Pumper

Catawba County

Sherrill's Ford Fire/Rescue

Crash Truck

Henderson County

Blue Ridge FD
 Henderson County Air Unit
 Mountain Home FD

Pumper
 Air Unit Truck
 Tower Ladder

McDowell County

Ashford/North Cove VFD
 Crooked Creek VFD
 Dysartsville VFD
 Glenwood VFD
 Hankins/North Fork VFD
 Marion FD
 McDowell EMS
 McDowell Rescue Squad

Pumper/Tanker
 Pumper & Tanker
 Tanker
 Pumper & Brush Unit
 Pumper & Tanker
 Pumper, Tanker, Tower 1
 Ambulance
 Crash Truck

Nebo VFD
 Old Fort VFD
 Pleasant Gardens VFD
 Sugar Hill/Montford VFD
 Woodlawn VFD

Pumper
 Pumper & Tanker
 Pumper
 Tanker
 Pumper, Tanker, Air Unit

Mitchell County

Parkway F/R
 Newdale VFD

2 Pumpers & Crash Truck
 Pumper

Rutherford County

Bill's Creek VFD
 Fairfield VFD
 SDO VFD

Pumper
 Pumper
 Pumper

We make requests on a regular basis from agencies outside of McDowell for equipment needs during our school. If your department would be willing to help by supplying equipment please contact Brad Ledbetter at (828) 652-0674.

Registration Information

Please fill out all of the information required on the registration. If additional registration forms are needed, copies will be accepted. **NO REGISTRATIONS WILL BE TAKEN BY TELEPHONE OR FAX. ALL FEES MUST BE ACCOMPANIED WITH FORMS.** Please return your original registration form(s) and check made payable to McDowell Technical Community College.

McDowell Fire & Rescue College
PO Box 38
Marion, NC 28752

Cutoff date for pre-registration is Friday, March 13th. Pre-registrations post-marked after this date will not be processed and the student will be required to register on site the weekend of the school.

Questions?

Please contact Brad Ledbetter at McDowell Technical Community College, (828) 652-0674.
E-mail Address: bradl@mcdowelltech.edu

Check our website: www.mcdowelltech.edu/firerescue.html

Certificate/Class Credit Information

Students must be in attendance when the class begins (this includes classes starting on Friday night). All participants attending 80% of class hours will be awarded certificates on Sunday at the end of class. Attendance will be taken twice on each day of class. In order to be eligible to receive a certificate of completion, students must be present every day of the class.

Notice

All classes and sections will be filled on a first come, first served basis. The sooner we receive your registration, the more likely you will receive your first choice.

Minimum Age Requirements

The minimum age for participation in the McDowell Fire & Rescue College is 16 years of age.

- All participants between the ages of 16 - 18 and currently attending high school must have concurrent enrollment forms signed by the high school principal.
- **Concurrent Enrollment forms must be returned with the registration.**
- Enrollment for participants 16 - 18 years of age and a current high school student will be limited only to classes that **do not** state - . *Students must meet minimum age requirements (18 years of age or older), and not a current high school student.*

Fees

North Carolina Fire, Rescue, EMS, and Law Enforcement - **\$10.00**

Out-of-State and those not fee exempt

1-day class 50.00 + 10.00 = \$60.00

2-day class 55.00 + 10.00 = \$65.00

Special Note

Certain courses require the signature of the department chief for participation in addition to the signature on the registration form. EXPERIENCE AS A JUNIOR FIREFIGHTER WILL NOT QUALIFY THE STUDENT FOR THESE CLASSES.

MTCC is an equal opportunity employer and educator

2009 McDowell Fire & Rescue College

McDowell High School
Hwy 70 West, Marion, NC
March 20 – 22, 2009

Emergency Phone Number (828) 652-0674 for weekend of March 20-22, 2009
Messages will be checked regularly during the weekend

Agenda

Friday, March 20

5:00 – 9:00 PM

On-site registration for students not pre-registered

These Classes Begin on Friday Evening

7:00 PM – 10:00 PM

Advanced Arson, ATV's in the Fire Service, Basic Engine Company Operations for the Firefighter, Breath of the Dragon, Bus Extrication, Fire Alarms & Communications, Fire Behavior, Get Evolved, Hazardous Materials-Awareness, ID & Recognition of the Occult, Law & Administration, Mayday-Mayday-Mayday, NIMS Basic PIO class, Personal Protective Equipment, Privately Owned Vehicle Program (VFIS), Pumps- Introduction D/O, Pumps- Introduction Non-Certification, Pumps – Pump Hydraulics D/O, Putting the Rapid in Rapid Intervention, Ventilation

Note: Special starting times for the classes below

Agricultural Rescue – Begins at 6:00 PM

Emergency Response to Terrorism: Basic Concepts – Begins at 6:00 PM

Emergency Vehicle Driver D/O– Begins at 6:00 PM

Fire Department Organization & Safety FF I & II – Begins at 6:00 PM

Fire Prevention, Education, & Cause FFI & II – Begins at 6:00 PM

Response to Haz-Mat Terrorism - Operations Level II Begins at 2:00 PM

NIMS ICS-100, ICS-200, ICS-300, ICS-400– Begins at 6:00 PM

Pumps-Basic D/O – Begins at 6:00 PM

RT General Ropes, Anchors & Lowers – Begins at 6:00 PM

RT General-Victim Management – Begins at 6:00 PM

RT VMR Extrication – Begins at 6:00 PM

Sprinklers FFI & II – Begins as 6:00 PM

Saturday, March 21

8:00 – 8:30 PM*

7:30 – 9:00 AM

9:00 AM

12:00 noon

1:00 PM

5:00 PM

Instructor meeting – Media Center, McDowell High

On-site registration for students not pre-registered

Individual Classes Begin

Lunch – on your own

Classes Reconvene

Classes End for the Day

Sunday, March 22

8:00 AM

11:30 AM

12:30 PM

3:00 – 4:00 PM

Classes Reconvene

Lunch – on your own

Classes Reconvene

Classes End

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2009 McDowell Fire & Rescue College Training Committee Members

David Cable-----McDowell Rescue Squad
 Billy Driggers-----Dysartsville VFD
 Grayson England-----Sugar Hill/Montford Cove VFD
 Eddie Epley -----McDowell Emergency Management
 Carroll Hemphill ----- (retired) McDowell Emergency Management
 Fran Hemphill ----- Glenwood VFD
 William Kehler ----- Director, McDowell EMS
 Robert Kirkpatrick ----- Nebo VFD
 Brad Ledbetter----- McDowell Technical Comm. Coll., PGVFD
 Ronald Morgan ----- Glenwood VFD
 Jim Neal -----Marion FD
 Ron Richardson ----- Old Fort VFD
 Donnie Tipton -----McDowell Fire/Rescue, Glenwood VFD
 Dean Wall -----McDowell Rescue Squad
 Bryan Wilson ----- McDowell Technical Comm. College
 Terry Young ----- Director, McDowell Emergency Management

Department Chiefs and Agency

Thomas Swofford, Chief -----Ashford-North Cove VFD
 Steven Lytle, Chief----- Crooked Creek VFD
 Jimmy Buckner, Chief -----Dysartsville VFD
 Donnie Tipton, Chief ----- Glenwood VFD
 Jim Neal, Chief -----Marion FD
 Charles Parker, Chief ----- Hankins North Fork VFD
 Terry Young, Director ----- McDowell Co. EMA
 William Kehler, Director ----- McDowell Co. EMS
 David Cable, Chief----- McDowell County Rescue Squad
 Richard Simmons, Chief ----- Nebo VFD
 Ron Richardson, Chief ----- Old Fort VFD
 Brad Ledbetter, Chief----- PGVFD
 Craig Walker, Chief ----- Sugar Hill VFD
 Gerald Trivette, Chief ----- Woodlawn/Sevier VFD

1 - ADVANCED ARSON DETECTION

15 Hours

Class begins at 7:00 PM on Friday night

This advanced arson class will take an in-depth look at how to investigate, follow up, and identify persons responsible for setting fires. An understanding of the criminal process of putting together of the arson case will be discussed. This course will enable the student to understand how much more prepared the first-in firefighter needs to be when confronting a possible arson case. Students wanting to take this class need to have completed a basic or first responder arson class.

Note: **Class begins at 7:00 PM on Friday night**

Pre-requisite: Basic or First Responder Arson class

Instructor: **Harley E. Shuford**, Retired Fire Investigator Asheville Fire & Rescue, Director of Asheville/Buncombe Arson Task Force

2 - AGRICULTURAL RESCUE

22 Hours

Class begins at 6:00 PM on Friday night

The purpose of this course is to train fire, rescue, and emergency service personnel in how to deal with agricultural emergencies involving grain bins and silos, equipment entanglement, agricultural chemical and pesticides, and animal emergencies. The student will acquire an understanding of the potential hazards and injuries involved with handling the different kinds of equipment. Practical exercises demonstrating various extrication techniques will be held on Sunday off campus. The class will include a night exercise on Saturday evening. *Students must meet minimum age requirements (18 years of age or older), and not a current high school student.*

This is a non-certification class.

Note: **Class begins at 6:00 PM on Friday night**

Equipment: **Helmet, coveralls, gloves, eye protection, boots or turnout gear, SCBA and spare bottle. SCBA bottles must have current hydro-test date.**

Instructor(s): **Josh Starnes**, Hickory FD
Jeff Cardwell, NC Emergency Management
NCDOI Certified Instructors

3 - AIR MEDICINE TODAY

MAMA (Mountain Area Medical Airlift)

Scene Team Training

12 Hours

Class begins at 9:00 AM on Saturday morning

This course is designed to inform the pre-hospital care professional of the most current aspects on the Mission + St. Joseph's Health System air medical transport. Topics covered will include: recognizing the need for air transport; preparation of the patient for air transport; preparing the landing zone and safe operations around the helicopter. A hands-on field exercise will be incorporated in which the MAMA helicopter will respond to a simulated trauma scenario.

The New MAMA

Eurocopter EC-135-P1

Capacity (5): Pilot, Nurse, Paramedic, 2 Patients, **Max Airspeed:** 180 MPH

Cruise Airspeed: 150 MPH, **Main Rotor Blades:** 12 feet above ground

Instructor(s): MAMA Communications Specialists, Flight Nurses, Flight Medics and Pilots

4 - APPARATUS SPECIFICATION AND PURCHASE

12 Hours

Class begins at 9:00 AM on Saturday morning

This class will cover in detail the many aspects to be considered when deciding to purchase a new engine. Some of the topics to be discussed will be justification of apparatus, needs assessment, bid laws, an in depth look at apparatus from drawings to written specifications, inspections trips to the factory, formation of specification committees, technical aspects of fire apparatus, research techniques and strategies, making the best use of your available resources.

Instructor: Jeremy Knighton, Asheville Fire & Rescue

5 - ARSON PHOTOGRAPHY

12 Hours

Class begins at 9:00 AM on Saturday morning

The objective of this class is to teach the proper methods of color photography of fire sites and their use in arson investigation.

Equipment: Digital camera or 35-mm camera and roll of film (no Advantix film)

Instructor: Mika Elliott, Arson Investigator (Retired), NC State Bureau of Investigation

6 - ATV'S IN THE FIRE/RESCUE SERVICE

15 Hours

Class begins at 7:00 PM on Friday night

This course is designed for the experienced ATV operator involved in fire, search, and rescue services. Major emphasis will be placed on operator safety and the safety of others on the scene. Classroom lecture and an in-field practical will include: use of ATV's in wildland fire situations, helpful techniques for using ATV's and trailers for rescue and patient transport in a wildland setting. Other topics covered: transporting equipment, proper towing techniques, winch use, and maneuvering in rough terrain. Practical exercises on Sunday will be held off campus. ***Must meet minimum age requirements (18 years of age or older), and not a current high school student.***

Note: **Class begins at 7:00 PM on Friday night**
ATV's are not needed for Friday night class

Required Equipment: ATV with racks, riding gear to include boots, helmet, gloves and eye protection.

Instructor(s): **Nick Reed, Sr,** Training Officer, Lovelady Fire Department
Nick Reed, Jr, Captain-Hickory FD, Lieutenant-Lovelady VFD, Valdese FD
Mark Lowman, Lovelady Fire Department, Burke County Ops. SAR Tech II

7 - BASIC ENGINE COMPANY OPERATIONS FOR THE FIREFIGHTER

15 Hours

Class begins at 7:00 PM on Friday night

This course will cover the broad range of engine company operations, various duties, procedures, personnel assignments and operations at structural fires. Introduction for methods of personnel accountability, assignments, tactical priorities, first due and subsequent arriving engine companies will be conducted using various student and group activities. Size-up for the attack team, equipment for each firefighter, tactical assignments, water supply options, hose, nozzle, ventilation considerations, and stream selection are some of the topics covered in class and through actual hands-on instruction. Firefighter safety is stressed as well as primary search, tool assignments and tactical properties. The engine company RIT team assignments will also be covered in this class.

This class is a must for the new structural firefighter or officer that has limited experience in the field and would like to have a more effective role on the fireground. **Class size will be limited to the first 30 students. This class will involve a live structural burn. Must meet minimum age requirements (18 years of age or older), and not a current high school student. NFPA 1403 guidelines will be followed, including facial hair guidelines.**

Note: **Class begins at 7:00 PM on Friday night.**
Requires Chief's signature on registration and Chief's Affirmation Form.

Prerequisite: Experienced firefighters only (3 years minimum). **Experience as a junior firefighter will not be accepted.**

Equipment: Full turnout gear required (Saturday), SCBA and extra bottle. SCBA bottles must have current hydro-test date.

Instructor(s): **Benny Clark,** Captain, Engine 4, Charlotte FD, 23 years experience
Shad Johnson, Ladder 32 & Haz Mat 3, Charlotte FD
NCDOI Certified Instructors
Ron Richardson, Chief, Old Fort FD

8 - BASIC GANG AWARENESS

12 Hours

Class begins at 9:00 AM on Saturday morning

Gang activity over the last few years in North Carolina has been on the rise. According to the North Carolina Criminal Justice Analysis Center, in 1999 there were 332 gangs and 5,068 gang members in North Carolina. By 2004 those numbers had increased to 387 gangs and 8,517 gang members. For the most part, fire, rescue and EMS responders have no real understanding of the threat that gangs present to their safety. This course is designed to inform and familiarize responders with the clothing they may wear, hand signals that they may use, and graffiti they may display. The student will learn the potential threats from gang members, ways to identify them, and ways to safely interact with them. **All persons accepted into this class must have his/her department name and chief's signature on the registration form. Must meet minimum age requirements (18 years of age or older), and not a current high school student.**

Instructor: Michael S. Ollis, Community Policing Officer/Gang Information Officer, Burke County Sheriffs Office

9 - BREATH OF THE DRAGON

15 Hours

Class begins at 7:00 PM on Friday night

Students taking this class will get plenty of hands-on experience during the two days of live burn training. Realistic scenarios will be provided through three LP live burn stations. The live burn props will include a flammable liquids pit, LP tanks, and a LP gas tree. Classroom topics will include the policies and procedures needed to safely handle LP gas, flammable and/or combustible liquid emergencies and will include tank design, features, leak control, and tactical fire containment. **Must meet minimum age requirements (18 years of age or older), and not a current high school student.**

Class begins at 7:00 PM on Friday night

NFPA 1403 guidelines will be followed, including facial hair guidelines

Note: *Requires Chief's Signature on Registration Form and Chief's Affirmation Form*

Prerequisite: **Must be experienced firefighter (3 years minimum)
Experience as a junior firefighter will not be accepted for this class.**

Equipment: Full turnout gear required SCBA and extra bottle (Sunday). SCBA bottles must have current hydro-test date.

Instructor(s): **Phil Batts**, Fire/Rescue Coordinator, Silver Lake FD
Mike Willis, Coordinator-Emergency Programs, WPCC
Grayson England, Sugar Hill/Montford Cove VFD
NCDOI Certified Instructors

10 - BUS EXTRICATION

15 Hours

Class begins at 7:00 PM on Friday night

This course is will offer procedures and operations for bus wrecks and rescue operations. Advanced techniques of vehicle extrications will be taught using a variety of rescue tools. Students wanting to participate in this class should have a good basic background in vehicle extrication. *Must meet minimum age requirements (18 years of age or older), and not a current high school student.*

Note: **Class begins at 7:00 PM on Friday night**

Equipment: **Hard hat, safety goggles, gloves, boots and overalls or turnout gear**

Instructor(s): **Terry Foxx**, Captain, Alexander Rescue & EMS
Tim Pennell, Training Officer, Alexander Rescue & EMS
NCDOI Certified Instructors

11 - CHIEF 101

12 Hours

Class begins at 9:00 AM on Saturday morning

This class will offer some insight into paperwork and other issues facing today's fire departments. There will be a heavy emphasis on benefits from the State Firemen's Association, the Firemen's and Rescue Squad Workers' Pension Fund, the PSOB, Workers' Compensation and the State of North Carolina. Packets outlining the procedure to follow in case of a line-of-duty death will be provided as well. This class is designed to be beneficial to all firefighters and is packed full of good information. Chiefs, company officers, and firefighters are encouraged to attend.

Instructor: **Paul F. Miller**, Executive Director, North Carolina State Firemen's Association

12 - CLANDESTINE DRUG LABS

12 Hours

Class begins at 9:00 AM on Saturday morning

The threat of crime is in every community, hidden in any type of occupancy. This undercover threat is dangerous for first responders in EMS, Fire and Rescue. Learning to recognize and knowing the precautions to take can save you from the injury and death that have and continue to occur when handling these types of situations.

Instructor: **Ricky Buchanan**, McDowell County Sheriff's Department
Ken Razza, Assistant Special Agent in Charge, North Carolina SBI

13 - CONFINED SPACE RESCUE

12 Hours

Class begins at 9:00 AM on Saturday morning

This class meets OSHA standards for ensuring the safety of responder and victim in confined space emergency operations. It will include hands-on practice as well as classroom instruction. This class will be of special interest to hazardous materials teams and fire/rescue organizations that are involved, or are considering becoming involved in confined space incidents. *Must meet minimum age requirements (18 years of age or older), and not a current high school student.*

Equipment: SCBA and spare bottle, turnout gear, rescue helmet, gloves (both days). SCBA bottles must have current hydro-test date.

Instructor(s): Triple C Fire & Rescue Training Services
NCDOI Certified Instructors

14 - EMERGENCY RESPONSE TO TERRORISM: Basic Concepts

16 Hours

Class will begin at 6:00 PM on Friday

This course is designed to prepare the first responder to take appropriate course of action at the scene of a potential terrorism event. The student will be trained in security considerations, identifying signs of terrorism, anticipating unusual response circumstances, and self protection actions. The target audience for this class is any fire or emergency medical first responder personnel.

Class Hours: varies to need, 14-16 hours

Note: Class begins at 6:00 PM on Friday night

Instructor: Thomas J Kelly, Lieutenant, West Buncombe Fire / Rescue
NCDOI Certified Instructor and NFA Terrorism Instructor

15- EMERGENCY VEHICLE RESPONSE TRACK CLASSES

16 - PRIVATELY OWNED VEHICLES PROGRAM

2 Hours

Friday, 7:00 – 9:00 PM

A recent study by the U.S. Fire Administration shows that 25% of the firefighters who died in motor vehicle crashes were killed in privately-owned vehicles (POV's). Many emergency service organizations allow their members to drive their POV's to the station or directly to the emergency scene. This places a responsibility on the Chief of the department to make sure these individuals are trained in proper defensive driving techniques, understand the department SOPs for POV response and state laws that impact POV response. Improper POV operation by well-intentioned emergency service workers can increase the risk of injury or death to both emergency service workers and to the public.

17 - FIREFIGHTER SAFETY AND HEALTH

4 Hours

Saturday, 9:00 AM – 12:00 PM, 1:00 – 2:00 PM

The goal of the program is to increase the level of awareness of all participants with respect to the hazards faced by firefighters. This program is appropriate for all personnel on the fire service. Chief officers will benefit by obtaining insight into the types of hazards for development of risk management strategies; company officers will benefit by understanding the types of hazards their crews will be presented with; and firefighters will benefit by understanding their personal responsibility to safety.

As evidenced by the firefighter injury and fatality data, each individual firefighter has a major role in contributing to safety. Lifestyles, fitness and personal commitment should be combined with an organizational commitment to safety. Regardless of rank or position within the department a member is required to take the initiative to follow all safety guidelines and to keep his/her mind and body in good condition.

The program identifies three different working environments where firefighters get injured. They are the station, the street, and the scene. Class discussion will identify how you can avoid being injured in any of the three working environments.

18 - EMERGENCY VEHICLE RESPONSE SAFETY PROGRAM

4 Hours

Saturday, 2:00-4:00 PM, Sunday, 8:30-10:30 AM

This program was initially developed to benefit fire, EMS, and rescue chief officers, as well as, safety officers, training officers, and drivers of emergency vehicles. Newly revised, it is the next logical step in addressing safe emergency response after initiating a driver-training program. It is designed to reveal the dangers of emergency response and the adverse affects on emergency service organizations resulting from emergency vehicle accidents.

The EVRSP program consists of three major components. The educational and awareness portion provides pertinent and topical information allowing the participant to implement portions almost immediately upon returning to their organization. The three main components are:

1. Awareness and administrative program review
2. Step-by-step emergency response safety program review
3. A video program with an accompanying point by point review

The film takes you inside the vehicle drivers' compartment with a behind the wheel view of actual emergency responses. From the safety of classroom seating the video provides a perspective on the hazards and dangers of emergency response. Included on the tape are dramatic interviews with two emergency responders whose lives were drastically changed forever. Both, in separate emergency vehicle accidents, were responsible for the killing of people. Their lives were devastated and hearing their stories will forever change the way you respond to any emergency.

19 - EMERGENCY VEHICLE ROLL-OVER

2 Hours

Sunday, 10:30 AM – 12:30 PM

This program consists of a comprehensive review of not only how, but most importantly, why driving a vehicle is becoming one of the greatest dangers to emergency service personnel. Vehicle crashes is second only to cardiac arrests and strokes in the number of deaths involving emergency services. A subset of crashes involving emergency vehicles are ROLL-OVERS, which is becoming an increasing deadly part of emergency response. VFIS has developed this program to educate and enlighten responders of the dangers associated with emergency vehicle roll-overs.

Historically, driving has been taught in an aggressive mode. Emergency drivers have developed driving habits that often times ended in tragedy. Instructors will need to re-orient themselves to discuss the more important aspects of driving, which is proactive in nature and based on accepted driving practices. As the course builds on the preceding chapter, the general underlying theme is; safe, controlled driving is essential during every response. Participants should feel comfortable using the information to review and improve their skills weeks and months after attendance.

Instructor(s): **Mike Hill**, Risk Manager, Volunteer Safety Workers Compensation Fund
 Rick Hall, Retired Chief, Summerfield Fire Department

Note:

Note: Students can register for classes separately if they do not need all the classes in this track. List the numbers of the classes you need and be sure all the classes are on the same line with the word only written on the registration form beside the class.

20 - EXPLOSIVES, BOMBS AND BOOBY TRAPS

12 Hours

Class begins at 9:00 AM on Saturday morning

This class takes Emergency First Responders (EMS, Fire, Law Enforcement, and Rescue) through the different types of explosive environments and paraphernalia that make the elements work for mankind, for good, or bad, through IED's (improvised explosive device), bomb threats, searches, and booby traps that the first responder may have to deal with in today's world.

The course will be presented through classroom instruction, as well as, practical exercises including bomb search, booby trap trail, and other demonstrations.

Instructor(s): **Lt. Ken "Scrap" Walters**, Wilkes County Sheriff's Department
 Hazardous Devices Team, Former Wilkes County Fire Marshal
 Captain Doug Cotton, Wilkes Sheriff's Department Hazardous Devices Team, Graduate
 of FBI Academy, Graduate of Redstone Arsenal E.O.D. School

21 - FIRST DUE ENGINE COMPANY

12 Hours

Class begins at 9:00 AM on Saturday morning

This course deals with considerations and challenges that an officer or first due company might face when responding to and arriving at the fire scene. This informative class will involve class discussions on strategies and tabletop exercises. Class is open to all firefighters, but is geared towards the officer or senior firefighter who potentially rides in the CO seat.

Instructor: **Alan Griffin**, NCDOI Certified Instructor

22 - GET EVOLVED

(Emergency Vehicle Operations in Live Virtual Evolution Driving)

16 Hours

Class begins at 7 PM on Friday night

Get Evolved is a curriculum which is delivered to emergency workers utilizing a virtual driving simulator to reinforce the topics of the course. This program is developed by making use of a combination of existing programs and case studies which have resulted in damage and injury. The primary goal of Get Evolved program is to educate emergency workers on the proper driving techniques and hazards which are encountered while responding emergency vehicles.

The course is split into two segments. The first segment (half of class) is cognitive learning in a classroom environment. The second segment (half of class) consists of cognitive and psychomotor learning in which the students are split in half to allow for the students to drive in the simulator while the other half review case studies. The second segment is separated by one hour blocks to allow for the students to have adequate time frames in driving and reviewing the case studies.

The course consists of topics such as roll over prevention, intersection safety, soft shoulder reaction, driving in adverse conditions, reaction to uncontrollable environments, reaction times, and many more topics which can not be taught while operating an apparatus on the roadway.

Delivery of the class is by qualified fire and rescue instructors from Skyland Fire Rescue who have developed the program for emergency service personnel.

Note: **Class begins at 7 PM on Friday night**

Instructor(s): **Eric Barnwell**, Captain, Skyland Fire Rescue
Mark Dillingham, Division Chief, Skyland Fire Rescue

23 - HELICOPTER USE IN SEARCH AND RESCUE

12 Hours

Class begins at 9:00 AM on Saturday morning

Use of helicopters in NC for search and rescue is becoming more common, and rescuers must know how to integrate this valuable resource into search operations effectively. This specialized course instructs students in the use of helicopters in search operations for lost persons, stressing how, and when to integrate helicopters into search and rescue operations, aerial search techniques, and flight patterns, effective coordination with ground teams, and helicopter flight dynamics. Detailed instruction on flight dynamics, proper communications, guiding and landing helicopters, landing zone selection, marking, and management, loading, unloading, and balancing helicopters, handling on-board emergencies, and fire safety around helicopters will be covered. Based upon weather conditions and helicopter availability, students will fly in a simulated search scenario, and receive a course certificate upon successful completion. *Minimum students to run class is 12, maximum 24.*

Equipment: **Required PPE: earplugs, full body protection (not turn-out gear), boots, folding knife.**

Fee: **Additional fee of \$50.00 will be charged for student flight time and must be included along with the MFRC fees. Flight fee will be refunded if the helicopter is not available for the practical scenario**

Instructor: **Bob Twomey**, Chief, North Carolina High Level Extrication Rescue Team, Inc.,
NCDOI Certified Instructor

24- ID AND RECOGNITION OF THE OCCULT Part I

15 Hours

Class begins at 7:00 PM on Friday night

Occult crimes and behavior are certainly a fast growing problem in our society. Emergency personnel are frequently encountering this type of activity with little information as to the seriousness or the devastating effects on our culture and to individuals. The course is designed to inform and familiarize students with symbols, terminology, safety precautions, and offenses as they relate to this subject matter. Materials covered will be in the area of Satanism, Witchcraft, and the Hispanic/African cults. The instructor will be sharing information in this class not intended to be distributed to the public. **Recording devices and cameras are not allowed in class. Must meet minimum age requirements (18 years of age or older), and not a current high school student.**

Note: **Class begins at 7 PM on Friday night**

Instructor: **Kathy Price**, Special District Assistant, Office of Congressman Mike McIntyre, 20 years experience as instructor/trainer in emergency services.

25 - INTRODUCTION TO FIREFIGHTING

12 Hours

Class begins at 9:00 AM on Saturday morning

For the new or junior firefighter, this course will introduce beginning firefighters to dangers, equipment, and procedures used in the fire service.

Prerequisite: *Minimum age 16. All 16 – 18 year olds need permission from high school principal (see concurrent enrollment on registration form).*

Equipment: Full turnout gear and SCBA. SCBA bottles must have current hydro-test date

Instructor(s): **Roy Brian**, Captain, Hendersonville FD
Ray Kuykendall, Captain, Reems Creek FD
Gary Brown, Chief, Blue Ridge Fire & Rescue
Herb Roberson, Engineer, Asheville Fire & Rescue
NCDOI Certified Instructors

29 - “MAYDAY” “MAYDAY” “MAYDAY”

15 Hours

Class begins at 7:00 PM on Friday night

How prepared are you to handle your own MAYDAY? Sooner or later it could happen to you. It will happen to a firefighter today, could this be your day? So how would you deal with your MAYDAY?

This is an intense hands-on course designed to teach you how to recognize that you are in trouble and what to do when conditions are deteriorating around you. Topics we will cover are prevention, survival attitude, personal equipment, problem solving, and many SCBA emergencies. Some techniques students will perform are window escapes, orientation drills, entanglements, out-of-air situations, and many more. Each technique will be taught twice, once in a clean atmosphere and second in heat and smoke.

This course is a **must** for all firefighters, don't let the first time you ever manage your “MAYDAY” be the first time. *Must meet minimum age requirements (18 years of age or older), and not a current high school student.*

Note: **Class begins at 7:00 PM on Friday night**

Equipment: Full turnout gear required, SCBA, and spare bottle. SCBA bottles must have current hydro-test date

Instructor(s): **Scott Hardin**, Captain, Charlotte FD, Swede Flashover Instructor
Russell King, Captain, Charlotte FD, Swede Flashover Instructor
Barron Summey, Assistant Chief, Alexis FD, Swede Flashover Instructor
NCDOI Certified Instructors

30 - MOBILE LIVE BURN SIMULATOR

12 Hours

Class begins at 9:00 AM on Saturday morning

Triple C Fire & Rescue training offers professional training through a mobile live burn simulator. The burn simulator contains different skills for individuals to perform fire attack and has trained fire departments and industrial personnel to become better qualified to perform their jobs in a safe and controlled fire suppression environment. The attack team performs interior attacks, while the safety team maintains a safe environment for these students while being instructed by line leaders. The burn simulator consists of three rooms: Sprinkler Room, Control Room, and Fire Room. The Fire Room consists of four types of fire: parts washer, flammable liquids cabinet, industrial gas meter (with shut off for fire elimination), and flash over simulator. *Must meet minimum age requirements (18 years of age or older), and not a current high school student.*

NFPA 1403 guidelines will be followed, including facial hair guidelines.

Class size will be limited to the first 25 students.

Note: Requires Chief signature on registration and Chief's Affirmation Form.

Prerequisite: Experienced firefighters only (3 years minimum). Experience as a junior firefighter will not be accepted.

Equipment: Full turnout gear required (both days), SCBA and extra bottle. SCBA bottles must have current hydro-test date.

Instructor(s): Triple C Fire & Rescue instructors

31 - PUTTING THE RAPID IN RAPID INTERVENTION

15 Hours

Class begins at 7:00 PM on Friday night

This will be a team based large area search and Rapid Intervention Team course. The class will be focused on team continuity with the class broken down into companies (teams) and all evolutions will be conducted by the company. This class will be a physically demanding and will teach the students the limitations of their equipment and will make you look at your response from a different perspective. This class involves classroom and hands-on instruction on accountability systems and rescuing firefighters from hazardous situations. . *Must meet minimum age requirements (18 years of age or older), and not a current high school student.*

Note: Class begins at 7:00 PM on Friday night

Equipment: Full turnout gear required, SCBA and extra bottle. SCBA bottles must have current hydro-test date.

Instructor(s): Marc Cox, Captain, Charlotte FD, Firefighter, Mt. Holly Fire/Rescue
Jeremy Kennedy, Engineer, Charlotte FD, Assistant Chief, East Gaston FD
NCDOI Instructors

32 - PUMPS – INTRODUCTION

Non-Certification

15 Hours

Class begins at 7:00 PM on Friday night

This class will introduce the student to the job or individual requirements for pump operators and will detail the safe operation of the vehicle. Subjects will include: pump anatomy, pump panel, and engine gauges, relief gauges, transfer valves, and basic pump setup. **This is a technical class with minimal hands-on applications.** This class is intended for the student with little or no experience operating pumps. *Must meet minimum age requirements (18 years of age or older), and not a current high school student.*

Note: Class will begin at 7:00 PM on Friday night

Equipment: Full turnout gear

Instructor: Brian Piercy, Captain, Old Fort FD
NCDOI Certified Instructors

33 - PUMPS – PREVENTATIVE MAINTENANCE Non-Certification

12 Hours

Class begins at 9:00 AM on Saturday morning

This course will train fire service personnel on methods and procedures related to performing preventative maintenance. Preventative maintenance includes cleanliness of engine, pump, and water tank, functions of cooling system, proper lubrication, electrical systems, care of pumps, control devices, valve repair, and recordkeeping. *Must meet minimum age requirements (18 years of age or older), and not a current high school student.*

Equipment: Full turnout gear

Instructor: David Morgan, Glenwood FD,
NCDOI Certified Instructor

35 - UNDERSTANDING THE NORTH CAROLINA RESPONSE RATING PLAN

12 Hours

Class begins at 9:00 AM on Saturday morning

This class will review all of the latest information and factors, which go into the make-up of the Public Protection Rating for cities and rural fire districts. It is intended for those persons interested in improving and/or maintaining the Fire Department's Public Protection Rating, which possibly could result in lowering insurance premiums for property owners.

Instructor(s): Adam Summey, Firefighter, Cedar Mountain Fire/Rescue
Davie Summey, Chief, Cedar Mountain Fire/Rescue

DRIVER OPERATOR CLASSES

36 - EMERGENCY VEHICLE DRIVER

Driver/Operator Certification

20 Hours

Class begins at 6:00 PM on Friday night

This course deals with the safe operation of emergency vehicles, driving skills, legal implications of emergency driving and departmental standard operating procedures. This course is a stand alone certification and is also a prerequisite to Driver Operator certification by the North Carolina Fire Rescue Commission. *Must meet minimum age requirements (18 years of age or older), and not a current high school student.*

Note: Class begins at 6:00 PM on Friday night

Instructor: Tony Ray, Battalion Chief, Charlotte FD, Consultant - DriveTec, Charlotte, NC
Tim Rayburn, Chief, Enka Candler FD
NCDOI Certified Instructors

38 - PUMPS – INTRODUCTION

Driver/Operator Certification

15 Hours

Class begins at 7:00 PM on Friday night

This class will introduce the student to the job or individual requirements for pump operators and will detail the safe operation of the vehicle. Subjects will include: pump anatomy, pump panel, and engine gauges, relief gauges, transfer valves, and basic pump setup. **This is a technical class with minimal hands-on applications.** Students must pass the written exam with a score of 70% or above in order to receive certification. *Must meet minimum age requirements (18 years of age or older), and not a current high school student.*

Note: Class will begin at 7:00 PM on Friday night

Equipment: Full turnout gear

Instructor(s): John Stroup, Deputy Chief, Salem Fire/Rescue, Retired Captain, Burke County EMS

39 - PUMPS – BASIC Driver/Operator Certification

20 Hours

Class begins at 6:00 PM on Friday night

This course will explain and review the basic elements of pump operations including priming, lift, drafting, pumping from a hydrant, setting pump pressure, and calculating friction loss. Upon completion of class, students should also be able to identify different types of fire pumps, fire apparatus and components of pumps. Students must pass the written exam (70% or better) in order to receive credit towards certification. *Must meet minimum age requirements (18 years of age or older), and not a current high school student.*

Note: Class will begin at 6:00 PM on Friday night

Equipment: Full turnout gear

Instructor(s): **Claude Huffman**, Retired, Morganton Public Safety
John Tallent, Cleveland County Fire Marshal Office
NCDOI Certified Instructor(s)

41 - PUMPS – PUMP HYDRAULICS Driver/Operator Certification

15 Hours

Class begins at 7:00 PM on Friday night

This course will train fire service personnel in the formulas and calculations used to determine fire flow and other water supply calculations related to fire service operations. *Must meet minimum age requirements (18 years of age or older)*

Note: Class begins 7:00 PM on Friday night

Prerequisite: Fire Pumps I or be an advanced pump operator with a good background in friction loss.

Equipment: Full turnout gear

Instructor: **Robert Griffin**, Deputy Chief, Asheville Fire Rescue
NCDOI Certified Instructor

- FIREFIGHTER CERTIFICATION CLASSES -

Students taking Firefighter Certification classes are urged to bring an IFSTA Essentials manual to class

42 - BUILDING CONSTRUCTION - FFII

11 Hours

Class begins at 9:00 AM on Saturday morning

This Firefighter Standards course will provide practical information about the various types of building construction and their influence on firefighting tactics and safety. The firefighter will be able to identify the general fire behavior expected with each type of building construction, including the spread of fire, and the safety of the building, occupants, and firefighters. Issues involving construction principles, wood frame and ordinary construction will be discussed.

Book: IFSTA Essentials, 4th Edition (recommended, not required)

Instructor: **Wayne Hamilton**, Fire Marshal, Asheville Fire Rescue
NCDOI Certified Instructor

43 - EMERGENCY MEDICAL CARE - FF I

15 Hours

Class begins at 9:00 AM on Saturday morning

This course presents a wide range of emergency medical procedures that firefighters might encounter and will help them to rapidly assess and intervene in the following types of emergencies: cardiac arrest, airway obstruction, burn treatment, drug overdose, or poisonings. Practices for infection control and self-protection will also be covered.

Note: **Class begins 9:00 AM on Saturday morning**

Instructor: **Joe Belanger**, Paramedic, Burke County EMS

44 - FIRE DEPARTMENT ORIENTATION & SAFETY FF I & II

21 Hours

Class begins at 6:00 PM on Friday night

This course will enable the firefighter candidate to become aware of the mission of the fire service, their fire department, his/her position within the organization, the standard operating guidelines, regulations, and the basic components of an incident command system. *Must meet minimum age requirements (18 years of age or older), and not a current high school student*

Book: IFSTA Essentials, 4th Edition (recommended, not required)

Note: **Class will begin at 6:00 PM on Friday night**

Equipment: Full turnout gear, SCBA and spare bottle. SCBA bottles must have current hydro-test date

Instructor: **Ryan Cole**, Battalion Chief, Skyland FD
NCDOI Certified Instructor

-FIREFIGHTER CERTIFICATION TRACK CLASSES -

45 - FIRE BEHAVIOR & PORTABLE EXTINGUISHERS

46 - FIRE BEHAVIOR - FFI & II

11 Hours - Class begins at 6:00 PM on Friday night

This course will present the firefighter with the stages of fire, the products of combustion, and methods of heat transfer.

47 - PORTABLE EXTINGUISHERS - FFI

7 Hours - Class begins at 8:00 AM on Sunday morning

This course will present the firefighter candidate with the proper use of portable extinguishers and the demonstration of the actual extinguishment of a Class A and B fire. This class will allow the student to complete the objectives related to portable extinguishers for Level I.

Book: IFSTA Essentials, 4th Edition (recommended, not required)

Equipment: Full turnout gear

Instructor: Winfield Abee, Chief, Lovelady FD, NCDOI Certified Instructor

48 - SALVAGE & OVERHAUL

49 - SALVAGE - FFI

7 Hours – Class begins Saturday 9 AM

This class is designed to meet certification requirements for salvage. The course will develop a basic understanding of salvage techniques, use of water chutes, and safety precautions.

50 - OVERHAUL - FF I & II

7 Hours - Class begins at 8:00 AM on Sunday morning

The material presented in this course will deal with the purpose of overhaul, how to recognize the location of hidden fires, and how to expose them. The class will cover all objectives related to overhaul for FF I & II.

Book: IFSTA Essentials, 4th Edition (recommended, not required)

Equipment: Full turnout gear

Instructor: Kevin Bartlett, Captain, Skyland FD
Trevor Lance, Captain, Skyland FD
NCDOI Certified Instructors

Note: Students can register for classes separately if they do not need all the classes in this track. List the numbers of the classes you need and be sure all the classes are on the same line with the word only written on the registration form beside the class.

51 - FIRE ALARMS & COMMUNICATIONS - FFI & II

15 Hours

Class begins at 7:00 PM on Friday night

This course will present the firefighter candidate with the proper use of communication equipment use and the procedures for receiving any type of alarm and will provide understanding of policies and procedures concerning the ordering and transmitting of multiple alarms and the action to be taken upon receipt of these signals.

- Note:** Class begins 7:00 PM on Friday night
- Book:** IFSTA Essentials, 4th Edition (recommended, not required)
- Instructor:** Ben Caldwell, Captain, Clyde Fire Department
NCDOI Certified Instructor

52 - FIRE PREVENTION, EDUCATION AND CAUSE FF I & II

21 Hours

Class begins at 6:00 PM on Friday night

This Firefighter level I and II course will cover the causes of fire and how to prevent them, the importance of inspections, and educational programs, and how to conduct a public fire education program. Students will learn how to prepare a prefire plan, conduct building fire safety surveys, and will be presented with school exit drill procedures. Also, the course will cover the most common fire hazards and the cause and point of origin of fires.

- Note:** Class begins 6:00 PM on Friday night
- Book:** IFSTA Essentials, 4th Edition (recommended, not required)
- Instructor:** James Guillermo, Assistant Fire Chief, Spindale FD

53 - FORCIBLE ENTRY - FFI

14 Hours

Class begins at 9:00 AM on Saturday morning

This course is designed to meet standards criteria on forcible entry. The course will develop an understanding of materials of construction and techniques of forcible entry through doors, windows, ceilings, etc. *Must meet minimum age requirements (18 years of age or older), and not a current high school student.*

- Book:** IFSTA Essentials, 4th Edition (recommended, not required)
- Equipment:** Full turnout gear required
- Instructor(s):** Bill Bateman, Assistant Chief, Andrews FD
Ray Frazier, Commander, Andrews Rescue Squad
NCDOI Certified Instructors

54 - LADDERS - FFI

15 Hours

Class begins at 9:00 AM on Saturday morning

This class will help the student develop skills in ladder carries and raises while working alone or as part of a team. Participants will also learn proper climbing skills while using an assortment ground ladders up to 35 feet. Removing victims from upper elevations by ladder will also be taught. *Must meet minimum age requirements (18 years of age or older), and not a current high school student.*

Book: IFSTA Essentials, 4th Edition (recommended, not required)

Equipment: Full turnout gear required (both days)

Instructor(s): **Jerry Hinson**, Forest City FD
NCDOI Certified Instructors

55 - PERSONAL PROTECTIVE EQUIPMENT FFI

15 Hours

Class begins at 7:00 PM on Friday night

This class will present the firefighter with the function of each article of protective equipment, the leading cause of death of firefighters, and the hazardous environment requiring the use of protective equipment. Information will cover use, maintenance, donning, care and handling of SCBA. *Must meet minimum age requirements (18 years of age or older), and not a current high school student.*

Note: **Class begins at 7:00 PM on Friday night**

Book: IFSTA Essentials, 4th Edition (recommended, not required)

Equipment: Full turnout gear, SCBA & spare bottle. SCBA bottles must have current hydro-test date

Instructor(s): **Steven Lytle**, Chief, Crooked Creek FD
Marion Allison, Crooked Creek FD

56 - ROPES – FFI

14 Hours

Class begins at 9:00 AM on Saturday morning

This course will allow firefighter candidates to demonstrate their ability to tie varied knots and hitches, hoist an array of equipment, and identify the proper use of rope for lifelines.

Book: IFSTA Essentials, 4th Edition (recommended, not required)

Equipment: PPE Equipment – Helmet, Gloves, Eye Protection

Instructor(s): **Doug Quinones**, Captain, Rescue 1, Asheville FD
Scott Hare, Asheville FD
NCDOI Instructors

57 - SPRINKLERS - FFI & II

17 Hours

Class begins at 6:00 PM on Friday night

This Firefighter Standards class will review the principles and basic design of sprinkler and standpipe systems. Participants will learn the value of automatic sprinklers in providing safety to the occupants of a structure. Identification and proper use of system components that provide fire department support to a sprinkler system will be covered. *Must meet minimum age requirements (18 years of age or older), and not a current high school student.*

- Note:** **Class begins at 6:00 PM on Friday night**
- Book:** IFSTA Essentials, 4th Edition (recommended, not required)
- Equipment:** Full turnout gear (both days)
- Instructor:** **Mike Teague**, Lieutenant, Boone Fire Department
NCDOI Certified Instructor

58 - VENTILATION – FFI & II

21 Hours

Class begins at 7:00 PM on Friday night

This course presents the firefighter candidate with the principles of ventilation, the types of ventilation and tools needed to perform ventilation to various types of roofs. The student will learn the use of and need for automatic venting devices, the methods for ventilating basements, the use of forced ventilation and the considerations that must be made when ventilating a structure. *Must meet minimum age requirements (18 years of age or older), and not a current high school student.*

- Note:** **Class begins at 7:00 PM on Friday night**
- Book:** IFSTA Essentials, 4th Edition (recommended, not required)
- Equipment:** Full turnout gear, SCBA & spare bottle. SCBA bottles must have current hydro-test date
- Instructor(s):** **Ronald Morgan**, Chief, Glenwood FD
Dee Massey, Training Officer, Waynesville FD
NCDOI Certified Instructor(s)
Fran Hemphill, Glenwood FD

FIRE LIFE SAFETY EDUCATOR

60 - FIRE & LIFE SAFETY EDUCATOR

Education Level I

12 Hours

Class begins at 9:00 AM on Saturday morning

During this course the student will be trained how to select educational materials, will present a prepared program, and utilize multiple presentation methods given prepared programs for various audiences. They will also demonstrate how to distribute educational information and how to work in cooperation with local media personnel.

Instructor: Terri Byers, Fire & Life Safety Educator, Level II Fire Instructor, Level III Fire Educator, Hickory FD

HAZARDOUS MATERIALS CLASSES

FF I/II & RT

61 - RESPONSE TO HAZ-MAT/TERRORISM - AWARENESS

LEVEL I

FFI/RT

15 Hours

Class begins at 7:00 PM on Friday night

This course is an awareness course designed to cover basic response objectives expected of a person certified at the Awareness Level. Course topics include recognizing the presence of a hazardous material, isolating the area to protect the public and responders, and identifying the material using various methods available to a responder. The course will also include elements of terrorism and its potential impact and relationship to hazardous materials incidents. This course meets all the competencies required by OSHA 1910.120 and NFPA 472 1997 edition.

Note: Class begins at 7:00 PM on Friday night

Instructor(s): Lynn Bullock, Chief, Rosman FD

62 - RESPONSE TO HAZ-MAT/TERRORISM - OPERATIONS LEVEL II

FFII/RT

24 Hours

Class begins at 2:00 PM on Friday afternoon

This course is designed to cover responding to hazardous materials incidents in a defensive manner. Course topics include advanced recognition and identification procedures. Various defensive actions to limit the harm of an incident of this type will be demonstrated. The course also includes understanding the elements of terrorism and its potential impact and relationship to a hazardous materials incident. This class meets all the competencies required by OSHA 1910.120 and NFPA 472 1997 edition. *Must meet minimum age requirements (18 years of age or older), and not a current high school student.*

Pre-requisite: Successful completion of Hazardous Materials Awareness Level class

Note: Class begins at 2:00 PM on Friday afternoon at Marion FD

Equipment: Full turnout gear

Instructor: Thomas Eggers, Specialist, Asheville Fire Rescue
NCDOI Certified Instructor

NATIONAL FIRE ACADEMY CLASSES

63 - ARSON DETECTION FOR THE FIRST RESPONDER (NFA)

12 Hours

Class begins at 9:00 AM on Saturday morning

The first responder is often in the best position to make critical observations regarding a fire. Observations of the first responder during the various stages of an incident are extremely critical. This course will cover fire behavior, first responder observations, fire causes, scene security, and preservation of evidence, legal considerations, and reporting of findings.

Instructor: Jim Pharr, Retired Director/Fire Marshal, Gaston Co. Emergency Management
NCDOI & NFA Certified Instructor

64 - INCIDENT SAFETY OFFICER (NFA)

12 Hours

Class begins at 9:00 AM on Saturday morning

Designed to address the role of fire/rescue safety officer, this class will study how the safety officer's job relates to the fire/rescue profession.

Instructor: Mike Ensley, Jackson County Fire Marshal, NCDOI Certified Instructor

65 - INTRODUCTION TO VOLUNTEER EMERGENCY SERVICES MANAGEMENT (NFA)

12 Hours

Class begins at 9:00 AM on Saturday morning

This course demonstrates the basic management techniques needed to effectively administer a volunteer emergency service agency. Participants will explore the transition a member has to make when he/she steps into the role of management in his/her organization. New administrative and line officers with less than one year of experience will derive the most from this program. Seasoned organizational officers will hone their knowledge and basic skills as a manager.

Instructor(s): **James Smith**, Eastern Branch Manager, NC Emergency Management
Robert Swiger, Retired, Field Training Supervisor, NCDOI OSFM

66 - LEADERSHIP I: STRATEGIES FOR COMPANY SUCCESS (NFA)

12 Hours

Designed to meet the needs of the company officer, this course provides the participant with basic skills and tools needed to perform effectively as a leader in the fire service. This leadership course address techniques and approaches to problem solving, identifying an assessing the needs of the company officer, running meetings effectively In the fire service environment, and decision making for the company officer.

Target Audience:

- Line fire officers, unit commanders, or program supervisors.
- Fire or rescue personnel due for promotion/appointment to officer rank or supervisory position within 6 months
- Training officers, staff, or administrative officers of fire and rescue organizations

Instructor: **Jim Hanline**, Captain (retired), Charlotte FD
NCDOI Certified Instructor

RESCUE TECHNICIAN CLASSES

67 - RT GENERAL – ROPES, ANCHORS & LOWERS

21 Hours

Class begins at 6:00 PM on Friday night

This class will present to the Rescue Technician safe and effective methods of rescue in elevated and below grade environments using ropes, knots, and rope related equipment. Mechanical advantage, anchors, anchoring techniques, and stress loads will be covered for situations in below ground, confined space, agricultural settings involving grain silos and bins, river crossing and many more emergency scenes. Riggings and raises for safety and successfully moving patients from urban and wilderness environments will be discussed. *Must meet minimum age requirements (18 years of age or older), and not a current high school student.*

Note: **Class begins at 6:00 PM on Friday night.**

Equipment: Appropriate gloves, work boots, safety glasses, suitable work clothes

Instructor(s): **S. Gene Crouse**, Retired, EMS Shift Supervisor/Training Coordinator, Alleghany Rescue/Alleghany EMS
Richard Caudill, Retired Training Specialist, NCDOI OSFM

68 - RT GENERAL – SEARCH

14 Hours

Class begins at 9:00 AM on Saturday morning

This class will introduce the Rescue Technician to various search methods used for the rescue of individuals in situations that may include structural collapse environments, trench rescue environments, or being lost. The use of rescue dogs, trackers, helicopters, fixed wing aircraft, horseback teams, boating clubs, and the Civil Air Patrol of USAR teams will be discussed.

Note: **Class begins at 9:00 AM on Saturday morning.**

Equipment: Compass

Instructor: **Jody Smyre**, Assistant Chief, Claremont Rescue Squad, Operations Supervisor, Iredell County EMS

69 - RT GENERAL TRACK CLASS

70 - RT GENERAL – VICTIM MANAGEMENT LIFTS, CARRIES, DRAGS, STRETCHERS

4 Hours

Class begins at 6:00 PM on Friday night

This class will present to the Rescue Technician the proper method for the safe movement of patients from a hazardous situation to one of safety. Various lifts, carries, drags and stretchers will be discussed with the safety and well being of patients and rescuers given priority.

71 - RT GENERAL – INCIDENT PLANNING

7 Hours

Class begins at 9:00 AM on Saturday morning

This class will present the Rescue Technician with the requirements for proper site operations, victim management, and maintenance for all of the Rescue disciplines, which include Rope Rescue, Surface Water Rescue, Vehicle, and Machinery Rescue, Confined Space Rescue, Structural Collapse Rescue, Trench Rescue, Subterranean Rescue, Dive Rescue, and Wilderness Rescue.

72 - RT GENERAL – HELICOPTER TRANSPORT

7 Hours

Class begins at 8:00 AM on Sunday morning

This class will present to the Rescue Technician general operating and safety guidelines when working with helicopters at emergency scenes for the protection of on scene emergency providers, flight crews, and the civilian population. Criteria for determining the need for Aero-medical transportation to include, weather, traffic, time, distance, and the medical condition of the patient will be discussed.

Instructor: **Gary Ramsey**, NCDOI Instructor

Note: Students can register for classes separately if they do not need all the classes in this track. List the numbers of the classes you need and be sure all the classes are on the same line with the word only written on the registration form beside the class.

73 - RT VMR - EXTRICATION

21 Hours

Class begins at 6:00 PM on Friday night

This class will present to the Rescue Technician new technologies in vehicle devices which present hazards for rescue personnel, such as vehicle construction, crumple zones, bumper systems, air bags, and side impact protection systems. The construction of buses and the problems posed to rescuers will be discussed. Access points, structural components, fuel and emergency exits will also be discussed. Features of machinery, which may pose obstacles to rescuers, to include tractors, forklifts, crawlers and other heavy machinery will be covered. Victim removal from this type of equipment will be addressed. **Must meet minimum age requirements (18 years of age or older), and not a current high school student.**

Note: Class begins at 6:00 PM on Friday night.

Equipment: Helmet, safety goggles, gloves, boots, overalls or turnout gear.

Instructor: David Orr, Brevard Rescue/Sterling Industrial FD
Kevan Smith, Asheville Regional Airport, Public Safety Training Officer
NCDOI Certified Instructors

SPECIAL CERTIFICATION CLASSES

74 - LAW & ADMINISTRATION

16 Hours

Code Enforcement Class

Class begins at 7:00 PM on Friday night

This course is designed to provide a basic understanding of the governmental and legal system with which every code enforcement official works. The course satisfies the training requirements to gain admission to the state qualifying exam.

Note: Class begins at 7:00 PM on Friday night.

Note: Books Required. Students must furnish their own textbooks.

Textbooks required: (1) - Legal Aspects of Building Code Enforcement (available from the Institute of Government at (919) 966-4119)
(2) - Rules of the NC Code Officials Qualification Board
(3) - 2006 version of Administration and Enforcement Code

To purchase Codes and Board Rules contact Publications at 919-661-5880. Allow two weeks for delivery.

Instructor: Barrett Graham, Firefighter/Attorney-at-Law, Newport FD

75 - NIMS INCIDENT COMMAND SYSTEM ICS-100, ICS-200 & ICS-700

18 Hours

Class begins at 6:00 PM on Friday night

This course is designed to cover the FEMA-approved core topics for ICS-100 and ICS-700. ICS-100 covers the history, features and principles, and organizational structure of the Incident Command System (ICS). ICS-700 explains the purpose, principles, key components, and benefits of the National Incident Management System (NIMS), which provides a nationwide template to enable all government, private-sector, and nongovernmental organizations to work together during domestic incidents. Both training components include a final exam.

ICS-200 is designed to enable personnel to operate efficiently during an incident or event with the Incident Command System (ICS). ICS-200 provides training on resources for personnel who are likely to assume a supervisory position within ICS. This course includes a final exam.

Note: This class will meet the requirements for the Homeland Security Presidential Directive-5. HSPD-5 directed the Secretary of Homeland Security to develop and administer a National Incident Management System (NIMS). Agencies are required to have this training if receiving federal monies through grants, contracts, or other programs beginning in FY 2005.

Note: **Class begins at 6:00 PM on Friday night.**

Instructor: **Mike Powell**, Retired Captain, Caldwell County Sheriff's Office

76 - NIMS INCIDENT COMMAND SYSTEM ICS-300

18 Hours

Class begins at 6:00 PM on Friday night

This course provides greater description and details of the Incident Command System (ICS) organization and operations, including application of essential principles and description of air operations. There are five modules: Organization and Staffing, Organizing for Incidents and Events, Resources Management, Air Operations and Incident, and Event Planning. This course includes a final exam.

Note: **Class begins at 6:00 PM on Friday night.**

Prerequisite: ICS-100, ICS-200, ICS-700

Instructor: **Randy McKinney**, Emergency Services Director, Burke County

77 - NIMS INCIDENT COMMAND SYSTEM

ICS-400

18 Hours

Class begins at 6:00 PM on Friday night

This advanced Incident Command System (ICS) course is designed to explain how major incidents bring about special management challenges, describe the circumstances in which an Area Command is established, and describe the circumstances in which multi-agency coordination systems are needed.

Note: **Class begins at 6:00 PM on Friday night.**

Prerequisite: ICS-100, ICS-200, ICS-700, ICS-300

Instructor: **Kenneth R. Anthony**, NAEMD, EMT-P, Burke County Office of Emergency Services

78 - NIMS BASIC PUBLIC INFORMATION OFFICER –PIO CLASS

14 Hours

Class begins at 7:00 PM on Friday night

This course is intended for Public Information Officers who are new to the field or have had limited experience carrying out their PIO duties, as well as, for those individuals who have been assigned PIO responsibilities as an additional duty. The course emphasis is on the basic skill and knowledge needed for emergency management public information activities. Topics include the role of the PIO in emergency management, conducting awareness campaigns, news release writing, public speaking, and television interviews.

Note: **Class begins at 7:00 PM on Friday night.**

Instructor(s): **Rob Brisley**, Captain, Charlotte Fire Department
Pete Rogers, Battalion Chief, Awendaw Fire District, Charleston County, South Carolina

Previous McDowell Fire & Rescue College Vendors

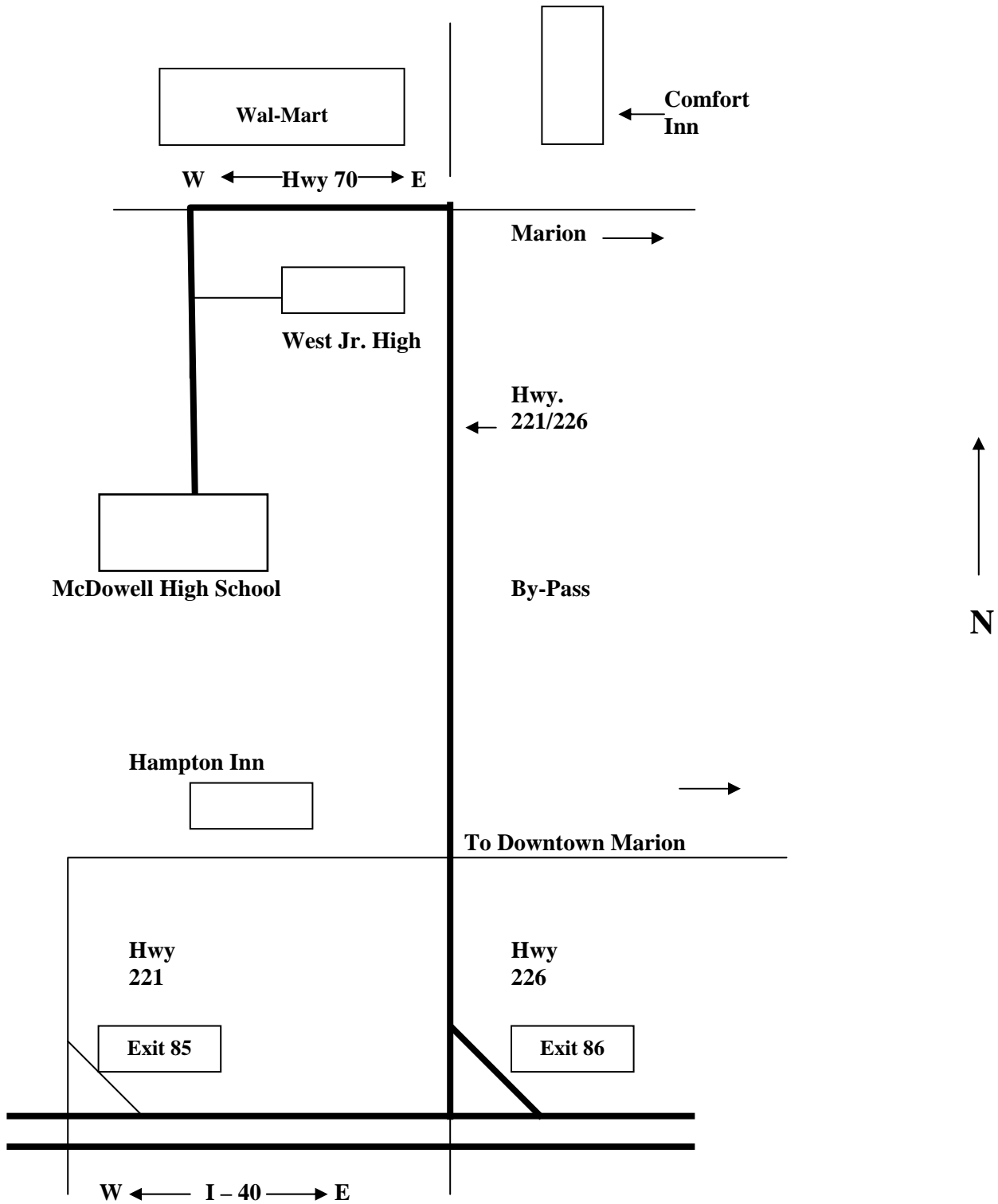
A & A Custom Design	Charlotte	NC
Action Fire & Safety, Inc	Charlotte	NC
Air Cleaning Specialists, Inc	Raleigh	NC
Alexander Battery Company	Morrow	NC
All Hands Working	Raeford	NC
All-In-Stitches Embroidery & Screen P	Hendersonville	NC
Amsoil Dealer	Germanton	NC
Amthor Inc	Welden	NY
Anchor Richey Emergency Vehicle Serv	Taylorsville	NC
Appalachian Army/Navy	Boone	NC
Arrington Police Distributors Inc	Charlotte	NC
Asheville Communications, Inc	Asheville	NC
Asheville Fire & Safety Company	Asheville	NC
B & B Event Photography	Marion	NC
Blue Ridge Uniform	Drexel	NC
Blue Ridge Standby Power	Marion	NC
Bound Tree Medical	Dublin	OH
Bound Tree Medical LLC	Collinsville	VA
Burgess Fire Equipment	Lenoir	NC
C & C Specialties	Charlotte	NC
C W Williams & Company	Rocky Mount	NC
Carolina Argo	Cashiers	NC
Carolina Cellular	Cameron	NC
Carolina Emergency Vehicles	Quinby	SC
Carolina Fire Apparatus	Charlotte	NC
Carolina Fire Services Inc	Spartanburg	SC
Carolina Fire & Rescue Journal	Charlotte	NC
Carolina Safety Solutions Inc	Southport	NC
Casey's Custom Embroidery & Gifts, Inc	Mooresville	NC
Charlotte Equipment Inc	Charlotte	NC
Chief's Fire & Rescue, Inc	Jefferson	NC
Coastal Benefits Group	Roanoke Rapids	NC
Costal Risk	Roanoke Rapids	NC
Communication Service, Inc	Asheville	NC
Consolidated Laundry Equipment	Asheboro	NC
Custom Shirts	Marion	NC
Dove Designs	Monticello	KY
Electronic Service Center	Elkin	NC
Elite Power Products	Mountain City	TN
Elkhart Brass MFG Co. Inc	Elkhart	IN
Emergen – Tees	Asheville	NC

Emergency Apparatus Inc	Pittsboro	NC
Emergency Equipment and Communications	Yadkinville	NC
Emergency Equipment Services, Inc	Augusta	GA
Emergency Personnel Services	Stanley	NC
EMS USA	Shepherdsville	KY
Engine and Assessories	Miami	FL
Equipment Service Sales	Kernersville	NC
Ferrara Fire Apparatus	Holden	CA
Fire Engine Collectibles	Lenoir	NC
Fire & Safety Outfitters	Charlotte	NC
First Choice Fire & Safety LLC	Candler	NC
Firestorm Graphics	Monticello	GA
Fisher Sales	Philadelphia	PA
FRS Products	Morganton	NC
Garner & Braven Architects PA	Charlotte	NC
Gastonia Fire & Safety	Hickory	NC
High Country Emt	Spruce Pine	NC
Industrial Air Solutions Inc	Raleigh	NC
J & J Enterprises	Inman	SC
Jeff Burns	Burnsville	NC
L & A Emergency Equipment	State Road	NC
Landis Fire & Rescue Sales	Landis	NC
Life Protection Systems	Garner	NC
Light-N-Up, Inc	Roebuck	SC
Lights and Sirens Equipment	Monroe	NC
Magical Creations	Mt. Holly	NC
McDowell Distributing Co	Marion	NC
Metrolina Fire & Rescue Inc	Lincolnton	NC
Mountain Embroiders	Black Mtn	NC
Mountain Tech	Hendersonville	NC
Municipal Services Group	Charlotte	NC
NC Department of Corrections	Raleigh	NC
NC Fallen Firefighters Foundation	Apex	NC
NC Society of Fire Instructors	Havelock	NC
Newton's Fire & Safety	Swepsonville	NC
Northwestern Emergency Vehicles	Jefferson	NC
Parker Enterprises	Harrison	AR
Piedmont Fire & Safety Co	High Point	NC
Piedmont Fire Equipment Corp	McLeansville	NC
Purser Public Safety Equipment	Indian Trail	NC
Rhinehart's Saw & Lawn Equipment	Marion	NC
Rodney M. Myers	McDonough	GA
Rogers Screen Printing	Fairmont	NC

Safety Training Systems	Burlington	NC
Scott Garner Architect	Charlotte	NC
Screenplay	Clayton	NC
Signs & Design	Shelby	NC
Silent Heroes LLC	Fayetteville	NC
Silver & Accessories	Anderson	SC
Slagle Fire Equipment	West Columbia	SC
Southeast American LaFrance	Greenville	SC
Stamey Chrysler Plymouth	Marion	NC
Steven's Fire Equipment/NAFECO of NC	Morganton	NC
Stitches & Ink	Sanford	NC
Summit Fire Apparatus	Mtn City	TN
Surface Systems Corp	Greer	SC
Tarheel Emergency Sales	Statesville	NC
Tex Tube Corp	Greer	SC
Thurston Emergency Equipment Sales	Kernersville	NC
Triad Fire Inc	Kernersville	NC
Triangle Communications	Greensboro	NC
Upper South Fire & Rescue	Mountain City	TN
Vest's Sales & Service Inc	Check	VA
VFIS of North Carolina, Inc	Raleigh	NC
Wade Johnson	Asheboro	NC
Wade Johnson Corp	Greensboro	NC
Wards Nascar Collectables	Whiteville	NC
Western Carolina Communications	Sylva	NC
Western Electronics Co	Lenoir	NC
Whitley's Communication Service	Asheville	NC
Whole Armor Uniform Co	Asheville	NC
Wireless Communications, Inc	Charlotte	NC
WNC Fire Association	Marshall	NC

McDowell Fire & Rescue College Map

McDowell High School



LODGING

McDowell County

Hampton Inn	I-40, Exit 85, Marion	(828) 652-5100
Super 8 Motel	I-40, Exit 85, Marion	(828) 659-7940
Comfort Inn	Bypass 221 & 70, Marion	(828) 652-4888
Days Inn	I-40 & Hwy 221S, Marion	(828) 659-2567

Burke County

(Approximately 30-45 minutes from McDowell HS)

Hampton Inn	I-40 Exit 103, Morganton	(828) 432-2000
Econo Lodge	I-40 Exit 105, Morganton	(828) 437-6980
Days Inn	I-40 Exit 105, Morganton	(828) 433-0011
Holiday Inn	2400 S Sterling, Morganton	(828) 437-0171
Red Carpet Inn	I-40 Exit 105, Morganton	(828) 437-6980
Sleep Inn	S Sterling, Morganton	(828) 433-9000
Comfort Inn Suites	I-40 Exit 103, Morganton	(800) 430-4033

Buncombe County

(Approximately 30-45 minutes from McDowell HS)

Comfort Inn	I-40, Exit 64/65, Black Mtn.	(828) 669-9950
Days Inn East	I-40, Exit 55, Asheville	(828) 298-5140
Econo Lodge	I-40, Exit 55, Asheville	(828) 298-5519
Motel 6	I-40, Exit 55, Asheville	(828) 299-3040
Super 8 East	I-40, Exit 55, Asheville	(828) 298-7952
Holiday Inn East	I-40, Exit 55, Asheville	(828) 298-5611

FOR YOUR INFORMATION

Registration

- ✓ Mail registrations in plenty of time. Fifty (50) classes were closed before the 2008 school.
- ✓ List all four choices. Listing the same class for all choices will not help.
- ✓ Complete all information (please print) on registration form.
- ✓ Student and the department chief signatures must be on all registrations.
- ✓ Have department chief sign the Chief Affirmation if required.

Classes

If a class requires the Chief's signature on the Chief's Affirmation Form, please be sure it is signed before we receive the registration. Registrations received that do not have the required signature(s) will not be registered.

- ✓ *If you are between 16 and 18 years of age, written permission (Concurrent Enrollment Form) is required from your principal before you can be registered to a class.* Use Concurrent enrollment form provided with book.
- ✓ Note if your class has a special starting time.
- ✓ Note if your class requires special equipment, and bring it with you.
- ✓ Classes with low pre-enrollment will be cancelled
- ✓ Students that enroll for Friday night classes must begin class on Friday night or credit for the class will not be given.

Fees

- ✓ McDowell Fire & Rescue College fee is \$10.00
- ✓ Other fees may apply. Check brochure for details

Cutoff date for pre-registration is Friday, March 13th

Mail completed original registrations forms & all fees to:

McDowell Fire & Rescue College
P.O. Box 38
Marion, NC 28752-0038

Make checks payable to: McDowell Technical Community College

QUESTIONS?

Contact Brad Ledbetter at McDowell Technical CC (828) 652-0674

E-mail Address: bradl@mcdowelltech.edu

Check our website: www.mcdowelltech.edu/firerescue.html

2009 McDowell Fire & Rescue College Registration Form

Please print and include all information requested

Social Security _____

Name _____

Mailing Address _____

City _____ State _____ Zip _____

Date of Birth _____ County _____

(Circle) Male Female (Circle) White, Black, American Indian, Hispanic, Other

Daytime Phone () _____ Other () _____

E-mail Address _____

Employment (Circle) Full-time, Part-time, Unemployed, Retired

High School last attended _____

Education (Circle highest level) 7 8 9 10 11 12 13 14 15 16 17 GED

Are you currently attending high school? Yes _____ No _____ **If yes, see note below!**

Concurrent Enrollment Form required and must be returned with the registration form.

Agency Name _____

Agency Mailing Address _____

Agency City, State, Zip _____

Agency Phone () _____

Cutoff date for pre-registration is Friday, March 13th. Pre-registrations post-marked after this date will not be accepted.

Class # _____ Class _____

1st _____

2nd _____

3rd _____

4th _____

Student signature (Required) _____ **Date** _____

Chief signature (Required) _____ **Date** _____

McDowell Fire & Rescue College Fee \$10.00 (Fees for non-emergency service personnel located on page 6 of book)

Include all fees that may apply—check book for details

No registrations will be taken by telephone or fax. All fees must accompany registration forms.

Make check payable to:

McDowell Technical Community College

Return original registration form with all fees, signatures and payment to:

McDowell Fire & Rescue College

PO Box 38

Marion, NC 28752-0038

McDowell Technical Community College

Chief's Affirmation Form - Live Burn Classes

Attention Chief: This form is required for students to participate in the following classes: Breath of the Dragon, Basic Engine Company Operations, Mobile Live Burn Simulator.

The registration accompanying this form will not be considered valid and will not be accepted without an official, original signature by the chief of the applicants' fire department. Documentation may be required for training not received through McDowell Technical Community College. These records must be made available immediately upon the request of the Coordinator of Emergency Service Training at MTCC or a McDowell Fire & Rescue College Training representative.

Safety	Personal Protective Equipment
Fire Behavior	Fire Hose, Appliances & Streams
Forcible Entry	Overhaul
Portable Extinguishers	Ladders
Water Supply	Ventilation

I do hereby affirm that the firefighter listed on this registration form has received training to meet the performance objectives for Firefighter I, of the following sections of NFPA 1001, Standard for Firefighter Professional Qualifications, 2002 Edition:

Fire Chief's Name (Printed) _____

Fire Chief's Name (Signature) _____

Student Name (Printed) _____ Date _____

CONCURRENT ENROLLMENT FORM

(MUST BE COMPLETED IN FULL FOR STUDENTS 16-18 YEARS OLD)

Permission is granted to _____, who is a student in good standing
(Print name of student)
and currently enrolled at _____ high school,
(Print name of high school)
_____ to be
(Address of high school)

concurrently enrolled through McDowell Technical Community College for the McDowell Fire & Rescue College, March 20 - 22, 2009. Student must be sixteen (16) years of age or older.

Signature of Principal

Printed Name of Principal

2009 McDowell Fire & Rescue College Registration Form

Please print and include all information requested

Social Security _____

Name _____

Mailing Address _____

City _____ State _____ Zip _____

Date of Birth _____ County _____

(Circle) Male Female (Circle) White, Black, American Indian, Hispanic, Other

Daytime Phone () _____ Other () _____

E-mail Address _____

Employment (Circle) Full-time, Part-time, Unemployed, Retired

High School last attended _____

Education (Circle highest level) 7 8 9 10 11 12 13 14 15 16 17 GED

Are you currently attending high school? Yes _____ No _____ **If yes, see note below!**

Concurrent Enrollment Form required and must be returned with the registration form.

Agency Name _____

Agency Mailing Address _____

Agency City, State, Zip _____

Agency Phone () _____

Cutoff date for pre-registration is Friday, March 13th. Pre-registrations post-marked after this date will not be accepted.

Class # _____ Class _____

1st _____

2nd _____

3rd _____

4th _____

Student signature (Required) _____ **Date** _____

Chief signature (Required) _____ **Date** _____

McDowell Fire & Rescue College Fee \$10.00 (Fees for non-emergency service personnel located on page 6 of book)

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McDowell Technical Community College

Return original registration form with all fees, signatures and payment to:

McDowell Fire & Rescue College

PO Box 38

Marion, NC 28752-00388

McDowell Technical Community College

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Fire Chief's Name (Signature) _____

Student Name (Printed) _____ Date _____

CONCURRENT ENROLLMENT FORM

(MUST BE COMPLETED IN FULL FOR STUDENTS 16-18 YEARS OLD)

Permission is granted to _____, who is a student in good standing
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and currently enrolled at _____ high school,
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Printed Name of Principal

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Please print and include all information requested

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Name _____

Mailing Address _____

City _____ State _____ Zip _____

Date of Birth _____ County _____

(Circle) Male Female (Circle) White, Black, American Indian, Hispanic, Other

Daytime Phone () _____ Other () _____

E-mail Address _____

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(Address of high school)

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