U.S. Forest Service Officer Jason Crisp, of Marion, and his dog Maros were fatally shot during a manhunt in March 2014 in Burke County. Crisp is remembered as a dedicated law enforcement officer, a loving husband, a caring father and a loyal friend. Crisp is survived by his wife, Amanda, and two children, Garett and Logan. Crisp served as a part-time deputy with the McDowell County Sheriff’s Office from February 1997 to June 1998. He served full time until March 2004 when he took a job with the U.S. Forest Service. He remained a reserve officer with the Sheriff’s Office.

Jason will be sorely missed by all in the emergency service community.

The best way to honor someone who is not with us anymore is to continue our life and keep their memory alive through everyday events. Jason Crisp would have wanted that, and expected nothing less from us.
The McDowell Fire, Rescue & EMS College would like to extend a special thanks to the following agencies for their support of our school now and in the past.

**Avery County**
- Linville Central Rescue

**Buncombe County**
- Black Mtn FD
- Enka Candler FD
- Leicester VFD
- Skyland FD
- Swannanoa FD

**Burke County**
- Lake James VFD
- West End VFD
- Burke County Rescue

**Catawba County**
- Sherrill’s Ford Fire/Rescue

**Henderson County**
- Blue Ridge FD
- Henderson County Air Unit

**McDowell County**
- Ashford/North Cove VFD
- Crooked Creek VFD
- Dysartsville VFD
- Glenwood VFD
- Hankins/North Fork VFD
- Marion FD
- McDowell EMS
- McDowell Rescue Squad
- Nebo VFD
- Old Fort VFD
- Pleasant Gardens VFD
- Sugar Hill/Montford VFD
- Woodlawn VFD

**Mitchell County**
- Parkway F/R

**Rutherford County**
- Bill's Creek VFD
- Lake Lure Fire/Rescue
- SDO VFD

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. Make additional copies if additional blank registration forms are needed. Please return your original registration form(s).

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

Make checks payable to McDowell Technical Community College.

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

Cutoff date for pre-registration is Friday, March 6th. 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. Registration forms that do not have the required information (Student and Chief signatures, Concurrent Enrollment form, Chief verification form (live burn classes), etc.) will not be processed until all information is received.

*Minimum Age Requirements*
The minimum age for participation in the McDowell Fire, Rescue & EMS College is 16 years of age.

- All participants between the ages of 16 - 18 and currently attending high school must have our *Concurrent Enrollment form* signed by the high school principal.

*This form is required and must be returned with registrations before the student will be registered to a class. No exceptions.

Fees for McDowell Fire, Rescue & EMS College

North Carolina Fire, Rescue, EMS, and Law Enforcement - $10.00 (Non-refundable)

*Out-of-State and those not fee waived*

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<thead>
<tr>
<th>Class hours</th>
<th>Fees</th>
</tr>
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<tr>
<td>1 - 24</td>
<td>70.00 + 10.00 = $80.0</td>
</tr>
<tr>
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MTCC is an equal opportunity employer and educator
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2015 McDowell Fire, Rescue & EMS College
Training Committee Members

Winfield Abee ------------------------------- Fire/Rescue Coordinator, Western Region
Matt Crawford ------------------------------- McDowell Fire & Rescue Association/Glenwood FD
Grayson England ------------------------------ Sugar Hill/Montford Cove VFD
William Kehler ------------------------------- Emergency Services Director, McDowell County
Robert Kirkpatrick -------------------------------- Nebo VFD
Brad Ledbetter ------------------------------- McDowell Technical Community College/Chief, PGVFD
Mary Ledbetter ------------------------------- McDowell Technical Community College
Ronald Morgan --------------------------------- Glenwood VFD
Jim Neal -------------------------------------- Chief, Marion FD
Rodney Padgett --------------------------------- Glenwood VFD
Ron Richardson ------------------------------- Chief, Old Fort VFD
Chad Robinson -------------------------------- McDowell Rescue Squad
Alan Snypes ------------------------------------ Assistant chief, Nebo VFD
Donnie Tipton ------------------------------- Chief, Glenwood
Bryan Wilson ---------------------------------- President, McDowell Technical Community College
Craig Walker ---------------------------------- Deputy Director Emergency Management, McDowell County

Department Chiefs and Agency

Jacob Leopold, 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
Terry Depoyster, Chief -------------------------------- Hankins North Fork VFD
Craig Walker, Director --------------------------------- Deputy Director Emergency Management, McDowell County
William Kehler, Director ------------------------------- Emergency Services Director, McDowell County
Cory Pittman, Chief --------------------------------- Station 97 (McDowell County Rescue Squad)
Richard Simmons, Chief -------------------------------- Nebo VFD
Ron Richardson, Chief -------------------------------- Old Fort VFD
Brad Ledbetter, Chief -------------------------------- PGVFD
Joe Washburn, Chief ---------------------------------- Sugar Hill VFD
Luke Davis, Chief ------------------------------------ Woodlawn/Sevier VFD
2015 McDowell Fire, Rescue & EMS College

McDowell High School
600 MHS Drive, Marion, NC
March 20 – 22, 2015

Agenda

Thursday, March 19
See class descriptions for Thursday class start times

Friday, March 20, 2015
See class descriptions for Friday class start times

5:00 pm – 9:00 pm     On-site registration for students not pre-registered

Saturday, March 21
8:00 am – 8:30 am
7:30 am – 9:00 am
9:00 am
12:00 pm – 1 pm
1:00 pm
4:00 pm – 6:00 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
11:00 am – 12:00 pm
12:00 pm
1:00 pm – 6:00 pm

Classes reconvene
Lunch – on your own
Classes reconvene
Classes end for the day
This 12 hour class is designed to help students prepare for Wildland Firefighter Type 1 positions. Units covered are “Look Up-Look Down-Look Around”, fireline reference materials, standards for survival, fire shelters, communication, specialized equipment and introduction to basic air operations. Interactive tactical decision making scenarios are also presented.

**Equipment:** Appropriate clothing for outdoor exercise

**Instructor:** John Reese, Retired McDowell County Ranger, Wildland Fire Instructor

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This course is designed to inform the pre-hospital care professional of the most current aspects on the Mission 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.

**Asheville Base (MAMA 1)**
Tail number N135N
Eurocopter EC-135-P1
Capacity (5): Pilot, Nurse, Paramedic, 2 Patients
Airspeed: approx 150 MPH
Range: 250 miles
Night Vision and SPIFR certified

**Franklin Base (MAMA2)**
Tail number N117J
Eurocopter BK-117B1
Capacity (5): Pilot, Nurse, Paramedic, 2 Patients
Airspeed: approx 150 MPH
Range: 250 miles
Night Vision and SPVFR certified

**Instructors:** MAMA Communications Specialists, Flight Nurses, Flight Medics and Pilots

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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.

**Note:** ATV’s are not needed for Friday night class

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

**Instructors:** Nick Reed, Sr, Training Officer, Lovelady Fire Department
Nick Reed, Jr, Captain-Hickory FD, Lieutenant-Lovelady VFD, Valdese FD
Stephen “Tank” Townsend, Captain of Training Division, Hickory FD
4-BASIC ENGINE COMPANY OPERATIONS FOR THE FIREFIGHTER

15 Hours
Friday 7 PM – 10 PM, Saturday 9 AM – 5 PM, Sunday 8 AM – 2 PM

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. Students must meet minimum age requirements (18 years of age or older).**

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

**Note:** Requires Chief signature on Chief’s Verification Form.

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

**Instructors:** Benny Clark, Retired, Captain, Engine 4, Charlotte FD, 34 years experience
Shad Johnson, Ladder 32 & Haz Mat 3, Charlotte FD
NCDOI Certified Instructors
Ron Richardson, Chief, Old Fort FD

5-BUS EXTRICATION

*VMR Bus and Machinery

15 Hours
Friday 7 PM – 10 PM, Saturday 9 AM – 5 PM, Sunday 8 AM – 2 PM

This course 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.

*VMR Bus and Machinery class is included as part of this class.

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

**Instructors:** Terry Foxx, Captain, Alexander Rescue & EMS
Tim Pennell, Training Officer, Alexander Rescue & EMS
NCDOI Certified Instructors
7-CLANDESTINE DRUG LABS  
12 Hours  
_Saturday 9AM – 5 PM, Sunday 8 AM – 2 PM_  
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.  

**Instructors:** Rick Buchanan, Chief Deputy, McDowell County Sheriff Department  
Ken Razza, Retired, North Carolina SBI  

8-EMERGENCY INCIDENT REHABILITATION  
16 Hours  
_Friday 7 PM – 10 PM, Saturday 9 AM – 5 PM, Sunday 8 AM – 3 PM_  
Emergency Incident Rehabilitation is a result of mandate NFPA 1584. This course teaches the responder to effectively perform responder rehabilitation on an emergency scene, and at emergency training events. This is a combination classroom and practical skills class. Participants will learn the reasons for the mandate, how to effectively start a rehab program for their departments, and will learn techniques for proper administration of the program. Responder Rehab program is ideal for chief officers, safety officers, first responders, EMT’s Paramedics and SMAT members. *An outdoor exercise is planned as part of the class. Students will be participating in live fire situations on Saturday and Sunday.*  

**Equipment:** Appropriate clothing for outdoor exercise. No open toe shoes. Participants should have a pair of safety glasses.  

**Instructor:** John Bruner, NREMT-P, DMS, Lieutenant, McDowell EMS  

9-EXPLOSIVES, BOMBS AND BOOBY TRAPS  
12 Hours  
_Saturday 9AM – 5 PM, Sunday 8 AM – 2 PM_  
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.  

**Equipment:** Appropriate clothing for outdoor exercise  

**Instructors:** Chris Wagoner, Detective, Hazardous Devices Team, Wilkes County Sheriff’s Department  
Captain Doug Cotton, Wilkes Sheriff’s Department Hazardous Devices Team Unit Commander, Wilkes County Sheriff’s Department, Graduate of FBI Academy, Graduate of Redstone Arsenal E.O.D. School, Certified bomb technician
10-FIRE SCENE DIGITAL PHOTOGRAPHY

12 Hours
Saturday 9AM – 5 PM, Sunday 8 AM – 2 PM

One of the basic functions of the fire investigator is the documentation of the scene of a fire or explosion using a camera. This class will allow fire investigators to learn the facts about digital photography and processing digital images for use as evidence in legal proceedings. The strengths and limitations of digital photography and acceptable methods for securing the images and documenting processing after the images are made will be discussed.

Program Objectives:
- Describe the strengths and limitations of digital photography to document the scene of a fire or explosion.
- Describe the basic components of a high resolution digital camera and associated equipment used by fire investigators.
- Describe the basic operating principals of a high resolution digital camera.
- Describe basic techniques that may be used by the fire investigator to document a fire or explosion scene using a high resolution digital camera and compatible flash.
- Describe the components of a standard operating procedure for use by fire investigators using digital photography to document fire and explosion scenes.
- Demonstrate methods of preserving the original digital images taken at the scene of a fire or explosion.
- Describe methods the fire investigator may use to process digital images that are acceptable for forensic applications.
- Explain the impact of recent court decisions on the use of digital images as evidence in legal proceedings.

Equipment: Digital camera

Instructor: Wayne Hamilton, Assistant Chief, Asheville/Rescue, certified Fire/Arson Investigator by the NC Fire/Rescue Commission and International Association of Arson Investigators

11-HELICOPTER USE IN SEARCH AND RESCUE

12 Hours
Saturday 9AM – 5 PM, Sunday 8 AM – 2 PM

Use of helicopters in North Carolina for searches, rescues, and rescue support roles is becoming more common, and rescuers must know how to integrate this valuable resource into search and rescue operations effectively. This unique, specialized course instructs rescuers in the use of helicopters in search and rescue (SAR) operations for lost persons, stressing how and when to integrate helicopters into such operations. The course goes into great detail about LZ site selection, marking and management of the LZ, how a landing zone (LZ) is set up and why it is important to set up the LZ based upon helicopter flight dynamics and limitations, especially in remote locations, communications with pilots using radio & hand signals, fire safety around helicopters, balanced loading of helicopters, and scene management. This course will teach SAR managers how to effectively use helicopters in aerial searches to improve search efficiency with ground teams, aerial search techniques and patterns, and detailed instruction in helicopter flight dynamics. Weather permitting, students will actually fly an aerial search to demonstrate the usefulness of aviation resources in SAR operations. Weight limitation per student: 230 lbs.

Maximum student class size: 18

Equipment: Full body coverage clothing/light coveralls (not turn-out gear), light boots/shoes, folding knife, foam earplugs.

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 or class does not make.

Instructor: Bob Twomey, Pilot, Wolf Tree Aviation LLC, Chief, NC Helicopter SAR Team NCDOI Certified Instructor
12-INTRODUCTION TO FIREFIGHTING

12 Hours
Saturday 9AM – 5 PM, Sunday 8 AM – 2 PM

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

Instructors: Roy Brian, Retired Captain, Hendersonville FD
Gary Brown, Chief, Blue Ridge Fire & Rescue
Ray Kuykendall, Captain, Reems Creek FD
NCDOI Certified Instructors

13-Putting The Rapid In Rapid Intervention

*Mayday (New Firefighter Certification class)

15 Hours
Friday 7 PM – 10 PM, Saturday 9AM – 5 PM, Sunday 8 AM – 2 PM

This class is designed to improve the knowledge, skills, and abilities of firefighters to function on the fire ground as a member of a Rapid Intervention Team. Classroom theory will be combined with practical applications and scenario based training. Topics in the class include; Leadership, RIT Company Operations (Teamwork), Packaging and Extrication. Students will be broken into companies (teams) and all evolutions will be completed as a team. This class is physically demanding and will teach the students the limitations of their equipment. Students will be taught to rethink their response to firefighter emergencies from a different perspective.

*The new firefighter certification class Mayday class is included as part of this course.

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

Instructors: Bobby Cash, Captain, Engine 20-C Shift, Charlotte Fire Department
Tony King, Chauffer, Engine 4-B Shift, Charlotte Fire Department
NCDOI Instructors
15-RECOGNITION OF THE OCCULT AND TERRORISM FOR FIRST RESPONDERS

15 Hours

*Friday 7 PM – 10 PM, Saturday 9 AM – 5 PM, Sunday 8 AM – 2 PM*

This class is designed to educate first responders in the area of the occult and terrorism. It will attempt to dispel myths and misunderstanding often created by the media including Hollywood. During the first half of the class, the instructor will define and discuss the differences of Satanism, Witchcraft and Hispanic/Mexican folk magic. Because of the growing concern of gangs and hate groups, special attention will be given to Hispanic drug cartels and their deceiving practices of religious traditions and rituals that appear to be Catholic in nature. Illustrations of the “narco satins”, including Santa Muerta who is the saint of death, will be taught to enlighten the first responder with a better understanding of the misuse of Catholic saints.

The second half of the class will discuss why terrorism is more than a definition. Various types of terrorism will be discussed such as domestic, international, state sponsored, lone wolf, cyber, biological and agricultural. Religion and its contribution to terrorism will also be discussed. Students will have a better understanding of weapons of mass destruction and their relative potential for death and destruction. Other information covered will be improvised explosive devices, sleeper cells, indicators of potential terrorist activity, vulnerabilities, what might be targeted along with the origins of radical Islam and why they hate us. Most importantly, the instructor will discuss the dangers of terrorism for the first responder.

This block of instruction is unique and valuable and encompasses over 35 years of law enforcement training for both instructors. No recording devices or cameras will be allowed in the classroom. This is not a class in religion.

**Required:** All persons accepted into this class must be a member of an emergency response or law enforcement agency.

**Instructors:**

- **Kathy Price Rector**, former Emergency Services Coordinator, Fayetteville Community College, 20 years’ experience as instructor/trainer in emergency services.
- **Gary Rector**, Former Deputy Director of the North Carolina Justice Academy, Managed the State and Local Terrorism Training Project for the State of North Carolina, served on a Congressional Anti-Terrorism, Counter Terrorism Committee.
Rock Climbing for Professional Rescuers is a 16 hour course intended to familiarize professional rescuers with the techniques used by recreational climbers and their common emergency situations.

The lead Instructor will be Todd Mullenix. Todd is a Paramedic and NC EMS Instructor as well as an AMGA certified climbing instructor. Course content will include but is not limited to climbing terminology, equipment, safety, movement and anchors. No experience is necessary. A physical fitness level enabling the participant to walk rough trail uphill for 40 minutes is required. Rescuers are encouraged to bring personal/ departmental gear they would normally use during high angle rescues or recreational climbing, but it is not necessary. Each participant is required to have food, water, weather appropriate clothing, personal first aid supplies and a backpack sufficient to carry personal and group gear. This is not a high angle rescue course. We will be discussing and gaining experience in basic recreational rock climbing emergencies and systems in order to help the professional rescuer perform efficiently in this environment.

Course cost: $25.00 per student and $10.00 for YMCA use only if weather dictates. Rescuers are encouraged to bring personal gear that they would normally use during high angle rescues but it is not necessary. Friday evening classes will be held at the Corpening Memorial YMCA climbing wall in Marion NC. Saturday and Sunday classes will held at Chimney Rock State Park (Rumbling Bald Climbing Access).

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

Fees: An additional fee of $25 for use of supplied equipment (Total for class $35)

Equipment: Backpack sufficient to carry personal and climbing gear, food and water.

Instructor: Todd Mullenix, American Mountain Guides Association (AMGA) certified climbing instructor, Paramedic, McDowell EMS

17-SMALL AIRCRAFT CRASH RESCUE (ARFF)
14 Hours
Saturday 9 AM – 5 PM, Sunday 8 AM – 4 PM

This class is made up of classroom and hands-on training on the fire ground. The first day will consist of lectures that will cover aircraft rescue and firefighting in a broad view along with a focus on general aviation aircraft and the hazards of dealing with emergencies of this type of aircraft. Day two will begin on the training ground where students will get an up close look at a small general aviation aircraft. Students will learn proper approach procedures, stabilization of the aircraft, securing the aircraft with a proper shutdown, and several techniques for removal of victims from the cabin. There will be a live burn scenario where students will apply what they have learned to control an aviation incident. This class will utilize Cleveland Community College’s new ARFF Training Aircraft. Students must meet minimum age requirements (18 years of age or older).

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

Note: Requires Chief signature on Chief’s Verification Form.

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

Instructors: Jimmy Brown, Captain, Charlotte Fire Department NCDOI and ARFF Certified Instructor
18-UNDERSTANDING THE NORTH CAROLINA RESPONSE RATING PLAN

16 Hours
Friday 6 PM – 10 PM, Saturday 9 AM – 5 PM, Sunday 8 AM – 2 PM

This class will review the latest information and factors which go into the make-up of the public protection rating of cities and fire districts. The system continues to evaluate three major categories of fire suppression; Fire Department, Emergency Communications, and Water Supply. The course also includes the Community Risk Section that recognizes community efforts to reduce losses through fire prevention, public fire safety, and fire investigation. A water haul exercise is planned on the last day of the class.

Equipment needed: Full turnout gear for exercise and a thumb/flash drive data storage device for latest information.

Instructors: Eric Wiseman, Chief, Parkway Fire/Rescue, Director, Mitchell County Emergency Management
Davie Summey, Chief, Cedar Mountain Fire/Rescue
Terry Young, Fire Ratings Inspector, NCDOI

DRIVER OPERATOR CLASSES

19-EMERGENCY VEHICLE DRIVER
Driver/Operator Certification

20 Hours
Friday 6 PM – 10 PM, Saturday 8 AM – 6 PM, Sunday 8 AM – 5 PM

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. Students must meet minimum age requirements (18 years of age or older).

Instructor: Tony Ray, DriveTech, Battalion Chief (retired), Charlotte Fire Department
NCDOI Instructor

20-EVD TRAILER TOWING OPERATIONS
Driver/Operator Certification

12 Hours
Saturday 9 AM – 5 PM, Sunday 8 AM – 2 PM

Trailers are consistently being incorporated into numerous functions of emergency services. This course will present the knowledge, skills, and ability to satisfy the NFPA 1002 Fire Apparatus Driver/Operator Professional Qualifications 2009 Edition for trailer towing operations. Upon completion of this course students will be able to demonstrate skills in hooking, pulling and backing trailers of various sizes. Students must pass the practical and written exam with a score of 70% or above to receive certification. Students must be at least 18 years of age and have a valid NCDL to participate.

Note: Although not required to take the class, participants are encouraged to bring a tow vehicle and trailer from their agency if available.

Instructor: Adam Summey, Assistant Chief, Cedar Mountain Fire/Rescue
NCDOI Certified Instructor
21-PUMPS – INTRODUCTION
Driver/Operator Certification
15 Hours
Friday 7 PM – 10 PM, Saturday 9 AM – 5 PM, Sunday 8 AM – 2 PM

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.

**Equipment:** Full turnout gear

**Instructor:** John Stroup, Chief, Salem Fire/Rescue, Retired Captain, Burke County EMS
NCDOI Certified Instructor

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22 - PUMPS – BASIC
Driver/Operator Certification
20 Hours
Friday 6 PM – 10 PM, Saturday 8 AM – 6 PM, Sunday 8 AM – 5 PM

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.

**Equipment:** Full turnout gear

**Instructors:** Claude Huffman, Retired, Morganton Public Safety
John Tallent, Cleveland County Fire Marshal Office
NCDOI Certified Instructors

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24 - PUMPS – PUMP HYDRAULICS
Driver/Operator Certification
15 Hours
Friday 7 PM – 10 PM, Saturday 9 AM – 5 PM, Sunday 8 AM – 2 PM

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.

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

**Equipment:** Full turnout gear

**Instructor:** Robert Griffin, Retired, City of Asheville
NCDOI Certified Instructor
EMS

25-12 LEAD AND BEYOND - A COMPREHENSIVE REVIEW

12 Hours
Saturday 9AM – 5 PM, Sunday 8 AM – 2 PM

This course is a comprehensive program allowing the clinician to obtain the ability to correctly interpret a 12 Lead EKG. It has been taught in the classroom to hundreds of participants with outstanding reviews and outcomes. The program will focus on objectives like the process for acquiring a 12 Lead EKG, proper lead placement and skin preparation, anatomical views of the heart, conditions where a 12 lead would be indicated, the electrical conduction system, cardiac wave forms, axis deviation, ACS/STE-MI recognition, bundle branch blocks, Ventricular Tachycardia Recognition, 15 lead interpretation and significance, drug and electrolyte disturbances, and touch on 12 lead imposters. This 12 Lead EKG Program is recommended for:

- Physicians or Residents who need a refresher in reading and interpreting a 12 Lead EKG
- Registered Nurses who work in a telemetry unit, Cardiac Cath Lab, Emergency Department, CVICU, ICU, or any other Specialized Cardiac Unit
- Graduate Nurses who will be required to, or have an interest in interpreting a 12 Lead EKG
- Respiratory Therapists
- Paramedics and Critical Care Transport Providers who work in the pre-hospital environment and are required to interpret a 12 Lead EKG
- Exercise Physiologists who encounter Cardiac patients

Please Note: The total cost for those not fee waived will be $80.00 ($10 MF&R fee plus $70 CE registration fee)

Instructor: Jim Teague, CCEMT-P, FP-C, NC OEMS Level II instructor, Training Officer, Henderson County EMS, Flight Paramedic MAMA
26-ACLS-EP, PALS, ITLS RECERT COMBO CLASS

24 Hours

All three classes require students to have prior certification for each class to re-cert.

Students taking this class will receive re-certification for ACLS-EP, PALS, and ITLS. Class combines lecture with hands on skill training. Class is based upon the latest standards from ITLS and the AHA.

PALS RECERT

8 Hours

*Friday 1 PM – 10 PM*

The PALS course is designed to certify Emergency Medical Personnel in Pediatric Advanced Life Support through the American Heart Association. This course teaches the proper evaluation and treatment of a pediatric patient in cardiopulmonary arrest. Upon successful completion, the student will be awarded P.A.L.S. certification from the American Heart Association.

Note: Cost of card will be $6 and is to be paid in the classroom.

ITLS RECERT

8 Hours

*Saturday 8 AM – 5 PM*

Students taking this class will receive re-certification valid for three years. Class combines lecture with hands on skill training. Class is based upon latest trauma standards from ITLS.

ITLS student Note: ITLS cards must be current upon entering this course.

Note: Cost of card will be $20 and is to be paid in the classroom. Current textbook required.

ACLS-EP

8 Hours

*Sunday 8 AM – 5 PM*

Newly designed with new lectures and material this class covers critical thinking concepts for managing ACLS emergencies. Scenario based lectures to include managing the cardiac arrest victim due to overdose, AMI, environmental emergencies, and toxicology. Review of BCLS skills and ACLS algorithms will be conducted at the start of the class. Prior certification in ACLS-EP is required to take the re-cert class. This class is compliant for any health-care professional needing ACLS re-certification.

Note: Cost of card will be $6 and is to be paid in the classroom.

Special Note: The total cost for those not fee waived will be $80.00 ($10 MF&R fee plus $70 CE registration fee)

Instructors: Corey Pittman, FP-C, CCEMT-P, NREMT-P, Flight Paramedic MAMA
Major Eugene Edwards, CCEMT-P, NREMT-P, RN, Deputy Director McDowell County EMS
Lt. Marvin Hancock, CCEMT-P, NREMT-P, Field Training Officer McDowell County EMS
27-EMT/MR CONTINUING EDUCATION CLASS

24 Hours
Friday 1 PM – 10 PM, Saturday 8 AM – 5 PM, Sunday 8 AM – 5 PM

This class is for EMT’s and Medical Responders looking to gain continuing education hours for NCOEMS re-certification. 24 hours of con-ed credit will be given for completion of this class. Enjoy practical scenarios as well as lecture based presentations covering required training topics. Scenarios in a variety of settings will be conducted ensuring that each student gets hands on skills training.

Please Note: The total cost for those not fee waived will be $80.00 ($10 MF&R fee plus $70 CE registration fee)

Instructor: Cecil Teeters, CCEMT-P, NREMT-P, RN, NCOEMS Level II instructor, Sargent, Caldwell County EMS

28-MCI MADNESS FOR JUNIOR MEMBERS

12 Hours
Friday 6 PM – 10 PM, Saturday 8 AM – 5 PM

This class is designed for junior fire, rescue or EMS members or those students in a High School public safety program. This fast paced, action filled class will simulate different MCI scenarios giving each student hands on training in responding and providing assistance at an Mass Casualty Incident. Students will get hands on training using a variety of equipment and treating mock patients. Come prepared for 12 hours of nonstop training.

Instructors: William Kehler, CCEMT-P, NREMT-P, Emergency Services Director, McDowell County
Barry McPeters, CCEMT-P, Chief MHS Emergency Medical Program, Critical Care Paramedic, McDowell County EMS
FIREFIGHTER CERTIFICATION CLASSES

29-ALARMS & COMMUNICATIONS
16 Hours
Friday 7 PM – 10 PM, Saturday 9AM – 5 PM, Sunday 8 AM – 3 PM

This course is designed to teach the firefighter candidates the policies and procedures concerning the ordering and transmitting of emergency alarms and the actions to be taken upon receipt of the alarms.

Instructor: Charles Autrey, Captain, Salem Fire/Rescue
NCDOI Certified Instructor

30-BUILDING CONSTRUCTION
16 Hours
Friday 7 PM – 10 PM, Saturday 9AM – 5 PM, Sunday 8 AM – 3 PM

This course will enable the firefighter candidate to identify the different types of construction and their reaction during a fire situation and the hazards associated with each.

Instructor: Brian Carswell, Engineer, Hickory FD
NCDOI Certified Instructor

31-FIRE HOSE, STREAMS AND APPLIANCES
19 Hours
Friday 6 PM – 10 PM, Saturday 9AM – 5 PM, Sunday 8 AM – 5 PM

This course will provide the firefighter candidate with the opportunity to demonstrate the use of hose, nozzles, adaptors, and appliances, and to obtain the information needed to conduct an annual service test of fire hose.

Equipment: Full turnout gear

Instructors: Bradley Duncan, Lieutenant Engine 11, Asheville Fire Department
Sam Robertson, lieutenant, Quint 5, Asheville Fire Department
NCDOI Certified Instructors
FIREFIGHTER CERTIFICATION COMBO CLASS

32-FIRE BEHAVIOR & PORTABLE EXTINGUISHERS

33-FIRE BEHAVIOR
12 Hours
Friday 6 PM – 10 PM, Saturday 9 AM – 6 PM

This course will enable the firefighter candidate to demonstrate their knowledge of terminology used in the area of fire behavior, the hazards of different fuels and the types of heat sources.

34-PORTABLE EXTINGUISHERS
8 Hours
Sunday 8 AM – 5 PM

This course is designed to cover the extinguishing characteristics of portable extinguishers.

Equipment: Full turnout gear

Instructor: Winfield Abee, Chief, Lovelady FD, Western Regional Fire/Rescue Coordinator
NCDOI Certified Instructor

Combo Class Note

Students can register for classes separately if they do not need a specific combo class. List the numbers of the classes you need and be sure all the classes are on the same line on the registration form beside the class. Classes will not be picked up together if they are listed as a 2nd, 3rd, or 4th choice.

35-FIRE CONTROL
36 Hours
Thursday, Friday, Saturday, Sunday 8 AM – 6 PM

This course deals with the extinguishment of a multitude of different fires and the use of varied tools and extinguishment agents. Students must meet minimum age requirements (18 years of age or older).

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

Note: Requires Chief signature on Chief’s Verification Form.

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

Instructors: Phil Batts, Silver Lake FD
Mike Willis, Coordinator-Emergency Programs, WPCC
Grayson England, Sugar Hill/Montford Cove VFD
NCDOI Certified Instructors
36-FIRE & LIFE SAFETY PREPAREDNESS  
(Formally Fire Prevention, Education & Cause)  
12 Hours  
Saturday 9AM – 5 PM, Sunday 8 AM – 2 PM  

This course is designed to assist the candidate in all functions of a fire and life safety program: inspections, prevention, education, and cause determination.  

Instructors:  
James Guillermo, Fire Chief, Spindale FD  
Chris Mehaffey, Engineer, Waynesville FD, Deputy Chief, Junaluska FD  
NCDOI Certified Instructors  

38-FORCIBLE ENTRY  
14 Hours  
Saturday 9 AM – 5 PM, Sunday 8 AM – 4 PM  

This course is designed to demonstrate methods of forcing entry into structures utilizing different principles and practices.  

Equipment:  
Full turnout gear required  
Instructors:  
Bill Bateman, Assistant Chief, Andrews FD  
Ray Frazier, Commander, Andrews Rescue Squad  
NCDOI Certified Instructors  

39-HAZ MAT LEVEL I RESPONDER  
38 Hours  
Class begins at 8 AM on Thursday  

This course meets OSFM’s training requirement for the Hazardous Materials Level One Responder credential. Course content includes lecture and practice activities needed to perform the following tasks safely and effectively: (1) implement standard operating procedures in the current edition of the DOT Emergency Response Guidebook; (2) analyze a hazardous materials/WMD incident; (3) plan an initial response to a hazardous materials/WMD incident; (4) implement the planned response for a hazardous materials/WMD incident; (5) evaluate the progress of the actions taken at a hazardous materials/WMD incident.  

This will be a fast-paced course and will require outside reading. A practical exercise will be included.  

Equipment:  
Full turnout gear, SCBA and spare bottle (SCBA bottles must have current hydro-test date)  
Instructor:  
Mike Tinkham, Training Solutions, LLC  
NCDOI Certified Instructor  

40-LADDERS  
16 Hours  
Friday 7 PM – 10 PM, Saturday 9AM – 5 PM, Sunday 8 AM – 3 PM  

This course is designed to teach the candidate all aspects of ladder safety including, carrying, raising, lowering, climbing, and operating from fire service ladders.  

Equipment:  
Full turnout gear required (both days)  
Instructors:  
Jerry Hinson, Captain, Forest City FD  
Jason Matheny, Rutherford FD  
NCDOI Certified Instructors
41-LOSS CONTROL
(Formally Salvage & Overhaul)
16 Hours
Friday 7 PM – 10 PM, Saturday 9AM – 5 PM, Sunday 8 AM – 3 PM

This course includes both Salvage and Overhaul and is designed to cover the indicators of structural instability while finding areas of hidden fires. Also included will be scene preservation and property loss techniques.

Instructors: Kevin Bartlett, Captain, Skyland Fire/Rescue
Zach Cicillian, Captain, Skyland Fire/Rescue
NCDOI Certified Instructors

42-ORIENTATION & SAFETY
16 Hours
Friday 7 PM – 10 PM, Saturday 9AM – 5 PM, Sunday 8 AM – 3 PM

This course will enable the firefighter candidate to become aware of the advanced operations of the department and understand their position in the organization from a more detailed perspective. Course topics will also include a review of advanced safety regulations and the firefighter’s responsibility to comply with those regulations; the elements of an advanced departmental safety program; and the advanced hazards related to fire protection.

Equipment: Full turnout gear, SCBA and spare bottle. SCBA bottles must have current hydro-test date
Instructor: Matt Crawford, Lieutenant, Glenwood FD, firefighter, Marion FD
NCDOI Certified Instructor

43-PERSONAL PROTECTIVE EQUIPMENT
20 Hours
Friday 6 PM – 10 PM, Saturday 9AM – 6 PM, Sunday 8 AM – 5 PM

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.

Equipment: Full turnout gear, SCBA & spare bottle. SCBA bottles must have current hydro-test date
Instructors: Steven Lytle, Chief, Crooked Creek FD
Marion Allison, Retired Chief, Crooked Creek FD
NCDOI Certified Instructor

44-RESCUE
24 Hours
Friday 1 PM – 10 PM, Saturday 8 AM – 5 PM, Sunday 8 AM – 5 PM

Today’s firefighters have to be able to respond to all types of emergencies and life safety is the first priority. Rescuers must be trained in the proper methods of moving patients from various emergency situations. As part of this course students will utilize various tools and equipment for gaining access to victims, and perform proper carries and drags for different injuries and situations including MVA’s, trench, elevator, and collapse rescue. Students must pass the practical and written exam with a score of 70% or above to receive certification.

Equipment: Full turnout gear, SCBA & spare bottle. SCBA bottles must have current hydro-test date
Instructor: Ben Caldwell, Senior Captain, Clyde Fire Department
NCDOI Certified Instructors
45-ROPS
12 Hours
Saturday 9 AM – 5 PM, Sunday 8 AM – 2 PM

This course focuses on the basic knowledge of fire service ropes including, types, usages, knots, and maintenance of rope.

**Equipment:**
PPE Equipment – Helmet, Gloves, Eye Protection

**Instructor:**
**Jesse Robinson,** Firefighter, Asheville Fire Department  
NCDOI Instructor

46-SAFETY & SURVIVAL (New class)
16 hours
Friday 7 PM – 10 PM, Saturday 9 AM – 5 PM, Sunday 8 AM – 3 PM

This class will show firefighters how to overcome the stressful environments during fire and rescue operations they may encounter. Firefighters will get a better understanding of what to expect in a stressful environment such as: out of air emergency, lost or disorriented firefighters, rescuing a down firefighter, SCBA limitations, navigating confined spaces with SCBA, rescuing fire victims and self-survival techniques.

**Note:**
This class will be hands on training with a 48' mobile simulator.

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

**Instructors:**
Fire and Rescue Concepts, LLC Staff  
NCDOI Certified Instructors

47-SPRINKLERS
17 Hours
Friday 6 PM – 10 PM, Saturday 9 AM – 5 PM, Sunday 8 AM – 2 PM

This course covers the various types of sprinkler systems, as well as their components and the reliability of automatic sprinkler systems.

**Equipment:**
Full turnout gear (both days)

**Instructor:**
**Mike Teague,** Captain, Boone Fire Department  
NCDOI Certified Instructor

48-VENTILATION
20 Hours
Friday 6 PM – 10 PM, Saturday 9 AM – 6 PM, Sunday 8 AM – 5 PM

This course is designed to teach the candidate different methods of performing safe and effective ventilation principles and practices.

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

**Instructors:**
**Ronald Morgan,** Chief, Lake Lure Fire/Rescue  
NCDOI Certified Instructor
This course is designed to teach the candidate the methods of moving water from a source to an emergency scene, as well as to teach the basic components of a local water distribution system.

**Equipment:** Full turnout gear

**Instructors:** Chase Owen, Captain, Connestee Fire Rescue
Keith Owen, Chief, Connestee Fire Rescue
NCDOI Certified Instructors

**FIRE LIFE SAFETY EDUCATOR**

**50-FIRE & LIFE SAFETY EDUCATOR**

**Educator I: General**

**12 Hours**

*Saturday 9AM – 5 PM, Sunday 8 AM – 2 PM*

During this Fire Life Safety Educator (FLSE) 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. This is a NC Fire and Rescue Commission certification course.

**Instructor:** Terri Byers, Fire & Life Safety Educator, Level II Fire Instructor, Level III Fire Educator, City of Hickory FD
NATIONAL FIRE ACADEMY CLASSES

Information for students taking NFA classes

To apply for a course you will need a FEMA Student Identification Number (SID). This number will be used in place of a Social Security Number on General Application forms. Applications received with a Social Security Number instead of the required Student Identification Number will not be processed. Below is the link and information on how to obtain your SID.

Note: Do not use the Student Identification Number (SID) for the McDowell Fire, Rescue & EMS College registration. The SID number is only used for NFA applications.

To obtain a SID

1. Register at https://cdp.dhs.gov/femasid
2. Select "Need a FEMA SID?" on the right side of the screen.
3. Follow the instructions to create your account.
4. You will receive an email with your SID. Save this number in a secure location.

Use the SID in place of the SSN on the General Admissions Application Form (FEMA Form 119-25-1) and General Admissions Application Short Form (FEMA Form 119-25-2).

51-ARSON DETECTION FOR THE FIRST RESPONDER (NFA)
12 Hours
Saturday 9AM – 5 PM, Sunday 8 AM – 2 PM

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: Joe Littleton, NCDOI & NFA Certified Instructor

52-INCIDENT SAFETY OFFICER (NFA)
12 Hours
Saturday 9AM – 5 PM, Sunday 8 AM – 2 PM

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, Retired Jackson County Fire Marshal, NCDOI/NFA Certified Instructor
53-LEADERSHIP I for Fire and EMS
STRATEGIES FOR COMPANY SUCCESS (NFA)

12 Hours
Saturday 9AM – 5 PM, Sunday 8 AM – 2 PM

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 addresses techniques and approaches to problem solving, identifying and 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 performance/appointment to office rank or supervisory position within 6 months
- Training officers, staff, or administrative officers of fire and rescue organizations

Instructor: Robert Swiger, Retired, Field Training Supervisor, NCDOI OSFM
NCDOI/NFA Certified Instructor

54-LEADERSHIP II for Fire and EMS
STRATEGIES FOR PERSONAL SUCCESS (NFA)

12 Hours
Saturday 9AM – 5 PM, Sunday 8 AM – 2 PM

This course provides the company officer with the basic leadership skills and tools needed to perform effectively in the fire service environment. Course content will address ethics, use and abuse of power at the company officer level, creativity in the fire service environment, and management of the multiple roles of 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: John White, Captain, Apex Fire & Rescue
NCDOI/NFA Certified Instructor

55-LEADERSHIP III for Fire and EMS
STRATEGIES FOR SUPERVISORY SUCCESS (NFA)

12 Hours
Saturday 9AM – 5 PM, Sunday 8 AM – 2 PM

This 2-day course provides the company officer with the basic leadership skills and tools to perform effectively in the fire service environment. The course covers when and how to delegate to subordinates, assess personal leadership styles through situational leadership, discipline subordinates, and apply coaching/motivating techniques.

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/NFA Certified Instructor
56-STRATEGY AND TACTICS FOR INITIAL COMPANY OPERATIONS (NFA)

18 Hours

Friday 6 PM – 10 PM, Saturday 9 AM – 5 PM, Sunday 8 AM – 4 PM

This course is designed for the firefighter or fire officer that will be establishing strategy and tactics on structure fires. The class will cover training, pre-planning, fire flows, leaders, scene management, decision making, and engine company and truck company operations. On Sunday there will be a tabletop operation allowing the student to apply what the student has learned in class. All activities and scenarios used in this course are based on structure fires, utilizing small group, scenario-driven exercises that incorporate chapter topics as they are covered.

Instructors:  
Chris Jacobs, Training Officer, City of Lenoir FD,  
Ken Nelson, Battalion Chief, City of Lenoir FD  
NCDOI/NFA Certified Instructor

TECHNICAL RESCUER CLASSES

*TR GENERAL COMBO CLASSES

57-TR GENERAL RESCUE OPERATIONS & HELICOPTER TRANSPORT

58-TR GENERAL RESCUE OPERATIONS

9 Hours

Friday 7 PM – 10 PM, Saturday 9 AM – 4 PM

This class will present the Technical Rescuer with the requirements for proper site operations, victim management, and maintenance for all of the rescue disciplines which include rope rescue, confined space rescue, trench rescue, structural collapse, vehicle and machinery rescue, surface water, swift water rescue, and wilderness rescue.

59-TR GENERAL HELICOPTER TRANSPORT

6 Hours

Sunday 8 AM – 3 PM

This class will present to the Technical Rescuer 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

Instructor:  
Gary Ramsey, Captain/Haz-Mat Coordinator, Cleveland County Emergency Management, Health, Safety and Environmental Manager, Trelleborg Coded Systems  
NCDOI Certified Instructor

60-TR GENERAL PERSONAL PROTECTIVE EQUIPMENT & RESCUE EQUIPMENT

61-TR GENERAL PPE

9 Hours

Friday 7 PM – 10 PM, Saturday 9 AM – 4 PM

This class will introduce to the Technical Rescuer the need for and use of personal protective equipment to enable the rescuer to perform his/her duties in a safe and responsible manner. Physical characteristics of rescuers, stress, endurance, and the limitations of equipment will be discussed.

Equipment:  
Helmet & eye protection
62-TR GENERAL RESCUE EQUIPMENT
6 Hours
Sunday 8 AM – 3 PM

This class will introduce the Technical Rescuer to the operation and function of various tools and equipment commonly used in rescue operations. This course will also present procedures for care, inspection, and maintenance of personal protective equipment, tactical equipment, and apparatus. The value of periodic inspection and maintenance to reduce the chances of unexpected equipment failure, performance failure, disabling injuries, and fatalities will be discussed.

Instructors:  
David Hedrick, Claremont Rescue  
Chad Sherrill, Captain, Concord Fire Department  
NCDOI Certified Instructors

*Combo Class Note

Students can register for classes separately if they do not need a specific combo class. List the numbers of the classes you need and be sure all the classes are on the same line on the registration form beside the class. Classes will not be picked up together if they are listed as a 2nd, 3rd, or 4th choice.

63-TR GENERAL ROPES
21 Hours
Friday 6 PM – 10 PM, Saturday 9 AM – 6 PM, Sunday 8 AM - 6 PM

This class will present to the Technical Rescuer 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.

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

Instructor:  
Gene Crouse, Retired, EMS Shift Supervisor/Training Coordinator, Alleghany Rescue/Alleghany EMS  
Richard Caudill, Retired, Training Specialist, NCDOI OSFM

64-TR GENERAL VICITM MANAGEMENT
15 Hours
Friday 7 PM – 10 PM, Saturday 9 AM – 5 PM, Sunday 8 AM – 2 PM

This class will present to the Technical Rescuer 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. This class will also introduce various search methods used for the rescue of individuals in situations of being lost.

Equipment:  
Helmet, eye protection, clean gloves

Instructor:  
David Cable
**VEHICLE & MACHINERY RESCUE - COMBO CLASSES**

**65-VMR VEHICLE ANATOMY & RESCUE OPERATIONS**

**66-VMR VEHICLE ANATOMY**

9 Hours

*Friday 6 PM – 10 PM, Saturday 9 AM – 3 PM*

This class will present the Technical Rescuer vehicle anatomy and introduce new technologies in vehicle devices which present hazards for rescue personnel. Topics included in this class are: vehicle construction, crumple zones, bumper systems, air bags, side impact protection systems, new vehicle innovations, propulsion systems, passive safety systems and active safety systems. Suggestions on how to cope with innovative vehicles to safely mitigate a modern vehicle rescue will also be discussed.

**67-VMR RESCUE OPERATIONS**

12 Hours

*Saturday 3 PM – 6 PM, Sunday 8 AM – 6 PM*

This class will present the Technical Rescuer the hazards of vehicle rescue operations, ICS, access, disentanglement, extrication, and the post rescue phases of vehicle rescue

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

**Instructors:**

*David Orr*, Chief, Transylvania County Rescue Squad/Sterling Industrial FD
*Kevan Smith*, Chief, Asheville Regional Airport, Senior Captain, Brevard Rescue

NCDOI Certified Instructors

**Combo Class Note**

Students can register for classes separately if they do not need a specific combo class. **List the numbers of the classes you need and be sure all the classes are on the same line on the registration form beside the class.**

Classes will not be picked up together if they are listed as a 2nd, 3rd, or 4th choice.

**SPECIAL CERTIFICATION CLASSES**

**68-CHIEF 101**

8 Hours

*Saturday 8AM – 5 PM*

The primary objective of the course is to inform current and former chief officers of the various aspects and complexities surrounding the operations and organization of North Carolina fire departments. Emphasis will be placed on ratings and inspections, NFIRS reporting, prevention and grant programs, basic line-of-duty death information, financial considerations, and an overview of the various expectations of being a chief officer.

**Instructors:**

*Kevin Gordon*, Chief of Training, Charlotte FD, Chief Waco VFD
*Wesley Hutchins*, Chief, Walkertown Fire Department

NCDOI Certified Instructors
This required class is for chief officers that have previously taken the Chief 101 class within the last 5 years. Class is for recertification class only, will not qualify for initial class.

**Instructors:**  
Kevin Gordon, Chief of Training, Charlotte FD, Chief Waco VFD  
Wesley Hutchins, Chief, Walkertown Fire Department  
NCDOI Certified Instructors

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**72-FIRE OFFICER I**  
**36 Hours**  
**Thursday – Sunday 8AM – 6 PM**

This course covers the knowledge, skills, and requirements referenced in the National Fire Protection Association (NFPA) Standard 1021 for Fire Officer I training. Topics include officer roles and responsibilities, budgets, fire cause determination, inspections, education, leadership, management, public relations, and other requirements included in the NFPA standard. Upon completion, students should be able to demonstrate an understanding of relevant NFPA standards as required for state Fire Officer I and II certification.

**Textbook Required:**  

**Instructor:**  
Keith Bost, President, CEO, Management Solutions for Emergency Services, Former Chief Sherrills Ford-Terrell Fire & Rescue  
NCDOI Instructor

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**73-FIRE OFFICER II**  
**27 Hours**  
**Friday – Sunday 8 AM – 6 PM**

This course covers the knowledge, skills, and requirements referenced in the National Fire Protection Association (NFPA) Standard 1021 for Fire Officer II training. Topics include officer roles and responsibilities, budgets, fire cause determination, inspections, education, leadership, management, public relations, and other requirements included in the NFPA standard. Upon completion, students should be able to demonstrate an understanding of relevant NFPA standards as required for state Fire Officer I and II certification.

**Textbook Required:**  
Fire Officer: Principles and Practices, ISBN (13-9781449601621) Jones and Bartlett. This book can be purchased through the NC Society of Fire Rescue Instructors (www.ncsfri.org)

**Instructor:**  
Jay Alley, Chief, Gerton Fire and Rescue, Dean of Fire Protection Technology, Blue Ridge Community College  
NCDOI Instructor
74-INSTRUCTOR I
28 Hours
Friday – Sunday 8 AM – 6 PM

This course covers the knowledge, skills, and abilities needed to train others in fire service operations. Topics include planning, presenting, and evaluating lesson plans, learning styles, use of media, communication, and other related topics. Upon completion, students should be able to meet the requirements of the Fire Instructor Level 1 objectives from National Fire Protection Association (NFPA) 1041. This is a NC Fire and Rescue Commission certification course.

Textbook Required: Fire and Emergency Services Instructor (8th edition), ISBN (13-9780879394417), IFSTA. This book can be purchased through the NC Society of Fire Rescue Instructors (www.ncsfri.org)

Instructor: Richard Carroll, Captain, Shelby Fire Department
NCDOI Instructor

75-LAW & ADMINISTRATION
16 Hours
Code Enforcement Class
Friday 7 PM – 10 PM, Saturday 9 AM – 5 PM, Sunday 8 AM – 3 PM

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: Book Required. Students must furnish their own textbooks.

(NCDOI Office of State Fire Marshal 800-634-7854, and ask for Bookstore)
Other materials will be furnished during class.

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

In order to receive credit for any NIMS classes students must have a TERMS account and register for the class online

Directions for setting up an account and registering for a class in TERMS

Login to website: http://terms.ncem.org/TRS/
Click on <Training Registration Login>
Click on <First Time Registration>
Type information requested (Last name, First name, last 4 of SS#)
Click on <continue>
Type information in for Personal Profile
Fields with an * are required information
When finished click on <Save>
Click on <Return to Previous page>
Click on <Calendar>
Click on <date for the class you are wanting to take>
Click on <I wish to register for this class>
**76-NIMS INCIDENT COMMAND SYSTEM**

**ICS-300**

**18 Hours**

*Friday 6 PM – 10 PM, Saturday 9 AM – 5 PM, Sunday 8 AM – 4 PM*

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. **In order to receive credit for any NIMS classes students must have a TERMS account and register for the class online. This is in addition to the MFRC registration.**

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

**Instructor:** Mike Powell, Retired Captain, Caldwell County Sheriff Department
NCDOI Certified Instructor

**77-NIMS INCIDENT COMMAND SYSTEM**

**ICS-400**

**12 Hours**

*Saturday 9 AM – 5 PM, Sunday 8 AM – 1 PM*

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. **In order to receive credit for any NIMS classes students must have a TERMS account and register for the class online. This is in addition to the MFRC registration.**

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

**Instructor:** Randy McKinney, Retired, Emergency Services Director, Burke County
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For Your Information

Registration

- Mail original registrations in plenty of time. Forty three (44) classes were closed before the 2014 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 Chief signatures must be on all registrations.**
- Have department Chief sign the Chief Affirmation if required.

**If a class requires the Chief's signature on the Chief's Verification 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 until we receive this information.

- Participants between the ages of 16-18 and currently attending high school must have our *Concurrent Enrollment* form signed by their high school principal.
- 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.

*This form is required and must be returned with registrations before the student will be registered to a class. No exceptions.

Fees

McDowell Fire, Rescue & EMS College fee is $10.00, if fee waived (non-refundable).
Other fees may apply. Check book for details.

**Cutoff date for pre-registration is Friday, March 6th.**

**Mail completed original registrations forms & all fees to:**

McDowell Fire, Rescue & EMS 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](http://www.mcdowelltech.edu/firerescue.html)
Frequently Asked Questions

Will I receive a confirmation for the class I have been assigned to?
Yes, confirmations are mailed to all students that pre-register for classes. The confirmation will have the class you have been assigned, the starting time, the building the class is located in, room number and other information that applies to the class.

When are confirmations mailed out?
Normally we begin mailing out confirmations the middle of February.

Does it matter if my name is misspelled on the confirmation?
Yes, if your name is misspelled on the confirmation it will be misspelled on your certificate of completion and the attendance roster. If possible, call or e-mail with the correct information before the weekend of classes so we can make the change.

Why do I need to make 4 choices?
We try to make sure students get their first choice whenever possible, but when a class is full, canceled or the student has not sent the required pre-requisites for a certain class, we will go to the next choice on the registration form. Send registrations in as soon as possible since our classes tend to fill up quickly. Many times we receive registrations and all 4 choices are full because they have been sent in late (this especially applies to certification classes). 60% – 70% of our classes are closed by the weekend of our school.

Why are the student and chief signatures required on the registration form?
We need the student signature on the form for audit reasons. The student signature on the MFREC registration form serves as the student’s registration for the class.
We need the Chief’s signature on the registration for audit reasons too. The Chief’s signature confirms that the student is a member of the agency/department listed on the registration form and has the permission of the Chief to attend the class.

How can I find out if a class is still open?
There is a link on our website (www.mcdowelltech.edu/firerescue.html) where we post the availability of classes. It is updated on a regular basis. We try to keep this list as current as possible, but we receive many registrations in a short period of time so some classes can close before the list is updated on the website.

Can I change classes once I have received my confirmation?
Yes. Class changes can be made providing the class you want is not full, has not been canceled and you meet any required pre-requisites set for the class. Class changes can be made up to 7 days before the weekend of our school. After that changes can only be made on-site the weekend of our school.

Can I take the place of someone that has already been assigned a class?
Yes. You can replace someone for the class they were originally assigned to as long as you meet any required pre-requisites set for the class. You may change to another class providing the other class is not full or canceled and you meet any pre-requisites set for the class.

I am 18, but still in high school, do I need a concurrent form signed by the principal?
Yes. Unfortunately, if you are still in high school (even though you’re 18) we still need a concurrent enrollment form signed by your principal. We cannot process your registration until we have all information.

I am between the ages of 16 – 17 what forms do I need to register for a class?
Students between the ages of 16-17 must have a concurrent enrollment form signed by the principal of your high school along with the MFREC registration form with the Chief’s signature. We cannot process your registration until we have all information. Students between the ages of 16-17 will not be allowed to take any live burn classes.

I took a certification class how long will it take for me to receive my grade?
We try to grade certification classes as soon as possible after our school so they can be sent with the March report to NCDOI. As soon as this is done we begin mailing out letters to students so they will know if
A retake of an exam is needed. This process normally takes about 4 weeks. If it has been longer than 8 weeks and you have not received a letter for a certification class please call and let us know.

**My name was not on the pre-printed list for the class I took when will I receive my certificate of completion?**

It takes about 6 – 8 weeks to send out certificates to students who do not have a certificate of completion printed ahead of time. Certification classes are graded and reported first before we start printing completion certificates for students that did not receive one the weekend of our school. This usually applies to students that register on-site or make class changes the weekend of our school.

**My name is misspelled on my completion certificate how do I handle getting it corrected?**

If your name has been misspelled on your completion certificate, cross out what is incorrect and write in the correct information. Give the certificate to your instructor so it can be turned in with their paperwork on Sunday. A corrected certificate will be mailed to you within 6 – 8 weeks.

**What do I need to do if I register on-site on Friday or Saturday?**

Make sure you know the starting date, the time for the class and if the class is even available. If the class requires pre-requisite information (live burn form signed by Chief) or special equipment (SCBA, PPE, etc.) make sure you have this with you. Students cannot receive credit for a class if they have missed the first 10% of the class. Example – students wanting to register for a class on Saturday morning that began on Friday night. *It helps if you use the McDowell Fire, Rescue & EMS College registration form completed except class choices with all signatures (your signature and the Chiefs) to onsite registration.*

**I took a certification class, how long will it take for my grade to be reported to the NC Department of Insurance (NCDOI)?**

The NCDOI says it normally takes from 60 – 90 days for a class to be posted to a student’s transcript once the class is reported to them.

**I took a certification class and received my letter stating I passed the exam. Why has my class not been reported to NCDOI?**

There are a number of reasons grades don’t get posted in a timely manner. Give us a call first before calling NCDOI if your class has not been posted to your transcript within the 60 – 90 day period. Once we have verified that you did pass the class and other information we will manually report (e-mail) your information. NCDOI will not accept information unless it comes directly from the Delivery Agency.

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**Other Questions?**

**Contact information**

Brad Ledbetter  
(W) 828-652-0674  
E-mail – bradl@mcdowelltech.edu

McDowell Fire & Rescue College  
www.mcdowelltech.edu/firerescue.html
2015 McDowell Fire, Rescue & EMS College Registration Form

Please print and include all information requested

Social Security ____________________________ (Full SS# needed for certification classes)

Name ________________________________________

Mailing Address ________________________________________

City ____________________________ State __________ Zip ____________________________

Date of Birth ____________________________ County ____________________________

(Circle) Male (Circle) Female (Circle) White, African American, 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? No _______ Yes _______ If yes, see note below!

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

Department Name ________________________________________

Department (Circle) Paid or (Circle) Volunteer and (Circle) State Agency or (Circle) Local/County Agency

Department Mailing Address ________________________________________

Department City, State, Zip ________________________________________

Department Phone ( ) ____________________________

Department e-mail address ________________________________________

Class # Class

1st ____________________________

2nd ____________________________

3rd ____________________________

4th ____________________________

Note! – Student and Chief signatures required for all classes

If class is for certification the student grants permission to McDowell Technical Community College and the NC Department of Community Colleges to release the appropriate course information to the certifying agency.

Student signature (Required) ____________________________ Date __________

Chief signature (Required) ____________________________ Date __________

McDowell Fire, Rescue & EMS College Fee $10.00 (Non-refundable)

(Fees for non-emergency service personnel located on page 3 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.

Cutoff date for pre-registration is Friday, March 6th. Pre-registrations post-marked after this date

will not be accepted or processed.

Make check payable to:

McDowell Technical Community College

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

McDowell Fire, Rescue & EMS College

PO Box 38
McDowell Technical Community College
Chief's Verification Form - Live Burn Classes

Attention Chief: This form is required for students to participate in the following classes: Basic Engine Company Operations, Fire Control, and Small Aircraft Crash Rescue.

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 Director of Continuing Education at MTCC or a McDowell Fire, Rescue & EMS College Training representative.

The firefighters listed below have the experience and background to participate in the practical exercises and have met the minimum requirements set forth by the current edition of NFPA 1403.

An original Chief’s Signature is required for each firefighters name listed on this page. Use back of form if needed.

Student Name (Printed) | Chief's Name (Signature)
-----------------------|------------------------

Use back of form if needed.

Concurrent Enrollment Form
(Must be completed in full for students still in high school)

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)
(Address of high school)

concurrently enrolled through McDowell Technical Community College for the McDowell Fire, Rescue & EMS College, March 20 – 20, 2015. Student must be sixteen (16) years of age or older.

_________________________  
Signature of Principal
Printed Name of Principal

2015 McDowell Fire, Rescue & EMS College Registration Form

Please print and include all information requested

Social Security _________________________________ (Full SS# needed for certification classes)

Name _________________________________

Mailing Address _________________________________

City __________________ State __________ Zip ________________

Date of Birth __________________ County __________

(Circle) Male Female (Circle) White, African American, 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? No ______ Yes ______ If yes, see note below!

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

Department Name _________________________________

Department ___ Paid or ___ Volunteer and ___ State Agency or ___ Local/County Agency

Department Mailing Address _________________________________

Department City, State, Zip _________________________________

Department Phone ( ) __________________

Department e-mail address _________________________________

Class # __________

1st __________ Class __________

2nd __________ Class __________

3rd __________ Class __________

4th __________ Class __________

Note! – Student and Chief signatures required for all classes

If class is for certification the student grants permission to McDowell Technical Community College and the NC Department of Community Colleges to release the appropriate course information to the certifying agency.

Student signature (Required) _________________________________ Date __________

Chief signature (Required) _________________________________ Date __________

McDowell Fire, Rescue & EMS College Fee $10.00 (Non-refundable)

(Fees for non-emergency service personnel located on page 3 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.

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Make check payable to:

McDowell Technical Community College

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

McDowell Fire, Rescue & EMS College

PO Box 38

- 42 -
McDowell Technical Community College
Chief's Verification Form - Live Burn Classes

Attention Chief: This form is required for students to participate in the following classes: Basic Engine Company Operations, Fire control, and Small Aircraft Crash Rescue.

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The firefighters listed below have the experience and background to participate in the practical exercises and have met the minimum requirements set forth by the current edition of NFPA 1403.

An original Chief’s Signature is required for each firefighters name listed on this page. Use back of form if needed.

Student Name (Printed)  Chief's Name (Signature)
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________________________________________  ________________________________
________________________________________  ________________________________
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Concurrent Enrollment Form
(Must be completed in full for students still in high school)

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)

(Address of high school)

concurrently enrolled through McDowell Technical Community College for the McDowell Fire, Rescue & EMS College, March 20 – 22, 2015. Student must be sixteen (16) years of age or older.

________________________________________
Signature of Principal
VENDOR REGISTRATION FORM
(Registration Fees Are Non-Refundable)

To reserve space, please complete the following information. Space will be limited to space reserved by pre-payment. Deadline for vendor registration is March 16, 2015.

Name of Company: ______________________________________________________

Address: _______________________________________________________________

E-mail Address:_________________________________________________________

Telephone No: ______________ Fax No: _______________

Contact Person: ____________________________________

Please reserve ____________ table spaces for my company.

Please furnish _________ tables spaces at a cost of $100.00 per table. (Two table minimum).

Check enclosed in the amount of $ _________.

VEHICLE DISPLAY SPACE OUTSIDE IS $100.00 PER VEHICLE. (A check must accompany your registration and so state if it is for a vehicle display space.

NO. OF VEHICLES: _________ ENCLOSED AMOUNT $ _________.

A PDF version of this form is located on the McDowell Fire & Rescue College website (www.mcdowelltech.edu/firerescue.html)

“All vendors are invited to furnish favors for the students”