

COURSE INFORMATION

FIREFIGHTER I & II CERTIFICATION CLASSES

1. Personal Protective Equipment & Portable Fire Extinguishers

21 Hours

Class begins at 6 p.m., Friday

This class will present the firefighter with the function of each article of protective equipment, the leading causes 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. The Portable Fire Extinguisher 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 both sets of course objectives and receive certification for both courses in one weekend.

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

Instructor(s): Darrel Decker, *NCDOT Certified Instructor*

Brain King, *NCDOT Certified Instructor*

Approved for junior fire fighters with proper paperwork.

2. Fire Behavior & Foam Fire Streams

18 Hours

Class begins at 7 p.m., Friday

This class will present the firefighter candidate with many different forms of fire and fire progression. While explaining how modern firefighting tactics can be utilized to more efficiently extinguish the fire. Foam Fire Streams is a course specifically designed to instruct the fire fighter candidate in methods of producing the many different types of firefighting foams we use in the fire service today.

Instructor(s): Keith Allen, *NCDOT Certified Instructor*

Approved for junior fire fighters with proper paperwork.

3. Ladders

15 Hours

Class begins at 8 a.m., Saturday

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.

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

Instructor(s): Richard McWilliams, *NCDOT Certified Instructor*

Approved for junior fire fighters with proper paperwork.

4. Sprinklers

15 Hours

Class begins at 7 p.m., Friday

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.

Equipment: Full turnout gear required

Instructor(s): TBA

Approved for junior fire fighters with proper paperwork.

5. Rapid Intervention Training (RIT)

16 Hours

Class begins at 9 a.m., Saturday

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 training evolutions will be conducted by the company. This class will be physically demanding, 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. .

Equipment: Full turnout gear required, SCBA and extra bottle.

Instructor(s): Aaron Williams, NCDOT Certified Instructor

Note: Must meet minimum age requirements (18 years of age or older), and not a current high school student.

6. Hazardous Materials Level I Responder

38 Hours

Class begins at 6 p.m., Thursday

This class meets OSFM training requirement for the Hazardous Materials Level One Responder credential. Class 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 class includes practical and written exams for OSFM certification credit.

Instructor(s): Joshua Walton, NCDOT Certified Instructor

Henry Angelopoulos, NCDOT Certified Instructor

Approved for junior fire fighters with proper paperwork.

NATIONAL FIRE ACADEMY CLASSES

7. Incident Safety Officer (NFA)

12 Hours

Class begins at 7 p.m., Friday

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(s): Mike Ensley, NCDOT & NFA Qualified Instructor

8. Leadership Level I: Strategies for Company Success (NFA)

12 Hours

Class begins at 7 p.m., Friday

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(s): TBA

TECHNICAL RESCUER CERTIFICATION

9. TR Agriculture Rescue

30 Hours

Class begins at Noon, Friday

The purpose of this course is to train fire, rescue and emergency services personnel how to deal with agricultural emergencies. Students will become familiar with emergencies involving grain bins and silos, agricultural chemicals and pesticides, and farm equipment. Extrication techniques will be reviewed and demonstrated. Practical exercises on Saturday and Sunday will be held off campus. Class size is limited.

Equipment: Helmet, coveralls, gloves, eye protection, boots (turnout gear)

Instructor(s): Eric Stroud, *NCDOI Certified Instructor*

10. TR General Ropes / Fire Fighter Ropes

24 Hours

Class begins at 6 p.m., Friday

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(s): David Breedlove, *NCDOI Certified Instructor*

Approved for junior fire fighters with proper paperwork

11. TR General Block Course (TR General Rescue Ops, TR General Rescue Equipment, & TR Helicopter Transport)

21 Hours

Class begins at 6 p.m., Friday

These courses will provide the basic rescuer the necessary knowledge to and physically prepare them for conducting basic rescue operations. While also providing a basic knowledge of basic rescue equipment used on many rescue scenes. Concluding with a Landing Zone setup and orientation of both rescue helicopters and medical transport helicopters which they will be working with a various rescue scenes.

Equipment: Full PPE

Instructor(s): David Breedlove, *NCDOI Certified Instructor*

Approved for junior fire fighters with proper paperwork.

DRIVER/OPERATOR CERTIFICATION

12. Basic Aerial Operations

15 Hours

Class begins at 7 p.m., Friday

This training is directed to fire department personnel who will be performing Aerial operations (both tactical and operational). So that they can become more familiar with ladder operations while also exploring many different and advanced tactics that can be used by departments utilizing aerial devices.

Equipment: Minimum of bunker coat and helmet

Instructor(s): Roy Brian, *NCDOI Certified Instructor*

13. Emergency Vehicle Driver (EVD)

20 Hours

Class begins at 7 p.m., Friday

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 standalone 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(s): Wayne Pruett, NCDOI Certified Instructor

EMS CERTIFICATION

14. Tactical Combat Causality Care

16 Hours

Class begins at 8 a.m., Saturday

LEFR-TCC teaches public safety first responders including police, other law enforcement officers, firefighters, and other first responders the basic medical care interventions that will help save an injured responder's life until EMS practitioners can safely enter a tactical scene. It combines the principles of PHTLS and TCCC, and meets the recommendations of the Hartford Consensus document and TECC guidelines

Instructor(s): Jeremy Cabe

SPECIALTY CERTIFICATION CLASSES

15. S-212 CHAINSAW SAFETY CLASS (NWCG Accredited)

24 Hours

Class begins at 6 p.m., Thursday

The course lessons provide introduction to the function, maintenance and use of internal combustion engine powered chain saws, and their tactical wildland fire application. Field exercises support entry level training for firefighters with little or no previous experience in operating a chain saw, providing hands-on cutting experience in surroundings similar to fire line situations.

Equipment: Safety glasses, leather work gloves, clothes should be appropriate for outdoor situations.

Instructor(s): Shaun Parker, NWCG Certified Instructor

Michael Forbis, Assistant Fire Marshal Jackson County

16. S-215 Wildland Urban Interface (NWCG Accredited)

24 Hours

Class begins at 6 p.m., Thursday

This course is designed to assist structure and wildland firefighters who will be making tactical decisions when confronting wildland fire that threatens life, property, and improvements in the wildland/urban interface. Instructional units include interface awareness, size-up, initial strategy and incident action plan, structure triage, structure protection tactics, incident action plan assessment and update, follow-up and public relations, and firefighter safety in the interface. This course will be taught to the National Wildfire Coordinating Group (NWCG) standards. An outdoor exercise is planned as part of the class.

Equipment: Appropriate clothing for outdoor exercise

Instructor(s): John Reese, NWCG Certified Instructor

Approved for junior fire fighters with proper paperwork.

17. Chief 101

15 Hours

Class begins at 7 p.m., Friday

This class consists of several programs that together will satisfy the 9s inspection criteria as specified by the North Carolina Administrative code. The primary objective of the course is to inform current and future chief officers of:

- The various aspects and complexities surrounding the operations and organization of North Carolina fire departments. Understanding the basis of the procedures that govern a rating and response inspection.
- The various aspects of the response rating system as adopted in North Carolina.
- Recognizing various sources of information that will assist departments in preparing for an inspection.
- 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.

Instructor(s): Ryan Cole, Deputy Chief Skyland Fire and Rescue

18. ATV Level I Rescue

20 Hours

Class begins at 7 p.m., Friday

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 Saturday, Saturday night, and Sunday will be held off campus.

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

Instructor(s): Stephen "Tank" Townsend, Captain of Training Division, Hickory FD

Approved for junior fire fighters with proper paperwork.

NON-CERTIFICATION CLASSES

19. BASIC ENGINE COMPANY OPERATIONS FOR THE FIREFIGHTER

16 Hours

Class begins at 7 p.m., Friday

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.

Instructor(s): TBA

20. Vent Enter Search

16 Hours

Class begins at 8 a.m., Saturday

This course is designed to be a basic introduction to the tactical advantages of Vent Enter Search and to how this tactic can be utilized in small rural departments operating with minimum manpower. Enabling those departments to rapidly begin search operations for potential victims while attacking the fire and insuring safety of on scene responders.

- 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.

Instructor(s): TBA

21. Clandestine Drug Labs

3 Hours

Class begins at 7 p.m., Friday

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(s): **Shannon Ashe, NC SBI**
Lee Tritt, NC SBI

22. Explosives, Bombs, and Booby Traps

12 Hours

Class begins at 9 a.m., Saturday

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

Instructor(s): TBA