

Randolph Community College
Weekend Fire and Rescue College
March 2-4, 2012



Creating Opportunities. Changing Lives.

GENERAL INFORMATION

ENROLLMENT

Every effort will be made to accommodate maximum participation in the course(s) of your choice.

All attendees are encouraged to preregister to ensure available courses. Attendance is mandatory for all courses that begin on Friday or you will not be allowed in course on Saturday.

Students are requested to go directly to the appropriate classrooms Friday and/or Saturday morning. Course rosters, room numbers, and directions will be posted at the Main Campus in the Administration/Education Center, outside the Continuing Education Office. Please look for your course title and room number upon arrival.

Students under age 18, but at least 16 years of age, must send the completed Concurrent Enrollment section (on the Registration form) signed by their High School Principal in order to be registered for this training. Persons without such proper release or authorization will not be allowed to participate. If you are a student who is at least 16 years of age and under 18 years of age AND have graduated or received your GED, you will need to submit a copy of your diploma or GED with the registration form.

FEE SCHEDULE

All students attending RCC's Weekend Fire and Rescue College **MUST** pay a \$25 registration fee (No Credit Cards).

All IN-STATE students who are affiliated with a Public Safety provider are fee exempt from tuition (but not the \$25 registration fee). All OUT-OF-STATE students or NON-PUBLIC SAFETY affiliated students are required to pay associated tuition fee (\$65), as indicated in the Course Information Section as well.

REGISTRATIONS WILL BE ACCEPTED OR RESERVED OVER THE PHONE (336) 633-4165 OR BY FAX (336) 633-3071.

Receipts will be given to all registrants upon arrival.

Please send registration and fees in as soon as possible to guarantee selections by mailing registration form and check or money order made out to Randolph Community College, to:

Randolph Community College, Attn. Weekend Fire and Rescue College, Randolph Community College, 629 Industrial Park Avenue, Asheboro, N.C. 27205.

LOCATION

All on-site registrations will be held at the Main Campus in the Administration/Education Center, outside the Continuing Education Office. Most courses will be held at the Randolph Community College Main Campus and some will be held at the Emergency Services Training Center. **All students report to Main Campus for first course meeting.** Some sections require off-campus meetings. Transportation to these locations is NOT provided.

CERTIFICATES

Students who successfully complete the course in which they are enrolled will be awarded a certificate from Randolph Community College. Please print name legibly on registration form; certificates are processed from these forms. Successful completion includes attending all course sessions.

ACCOMMODATIONS

Host Hotel: Holiday Inn Express, 336-636-5222 (ask for firefighter rate, \$63.90 a night, + tax).

Other Hotels in the area:

Fairfield Inn & Suites by Marriot 336-626-9197

Hampton Inn, 336-625-9000

COURSE DESCRIPTIONS

FIREFIGHTER I & II COURSES

FIP 3303 Fire Alarms & Comm. I & II

This course provides for the defining of the policies and procedures concerning the ordering and transmitting of multiple alarms and the action to be taken upon receipt of these signals.

This course will meet the objectives related to Fire Alarms & Communications for N.C. Certification. **Meets on Saturday and Sunday at 8 a.m.**

FIP 3304 Fire Behavior

This course will allow the student to complete the objectives related to fire behavior for Firefighter I and II. **Meets on Saturday and Sunday at 8 a.m.**

FIP 3305 Portable Extinguishers I & II

This course will present the firefighter candidate with the proper use of portable extinguishers and the demonstration of the actual extinguishment of a Course A and B fire. **Meets at 8 a.m. on Saturday only.**

FIP 3306 Personal Protective Equipment I & II

This course will allow a student to complete the objectives related to personal protective equipment for Firefighter Levels I and II. **Meets on Saturday and Sunday at 8 a.m.**

FIP 3307 Forcible Entry I & II

This course will enable firefighter candidates to demonstrate their ability to force entry into a structure using varied tools and the maintenance of this equipment. This course will meet the objectives related to Forcible Entry for N.C. Certification. (Full turnout gear required). **Meets on Saturday and Sunday at 8 a.m.**

FIP 3308 Ventilation I & II

This course will meet the objectives related to Ventilation for N.C. Certification. **Begins Friday at 5 p.m., attendance is mandatory! Also meets on Saturday and Sunday at 8 a.m.** (Full turnout gear and SCBA required).

FIP 3309 Ropes I & II

This course will allow firefighter candidates to demonstrate their ability to tie varied knots and hitches and hoist an array of equipment and identify the proper use of rope for lifelines. This course meets the objectives related to Ropes for N.C. Certification. **Meets on Saturday and Sunday at 8 a.m.**

FIP 3314 Salvage

This course will cover objectives related to salvage for Firefighter I and II. **Meets at 8 a.m. on Saturday Only.**

FIP 3315 Overhaul

This course will cover all objectives related to overhaul for Firefighter I and II. **Meets at 8 a.m. on Sunday Only.**

FIP 3316 Emergency Medical Care I & II

This course presents a wide range of emergency medical procedures from conducting a primary survey to infection control to cardiopulmonary resuscitation and other areas such as burn treatment and the recognition of the signs and symptoms of ingested poisons and drug abuse. This course will meet the objectives related to Emergency Medical Care for N.C. Certification. **Meets on Saturday and Sunday at 8 a.m.**

FIP 3317 Rescue I & II

This course will enable the firefighter candidate to demonstrate a primary and secondary search procedure under fire conditions. In addition, the firefighter candidate will demonstrate the removal of injured persons from the immediate hazard of those fire conditions. This course will meet the objectives related to Rescue for N.C. Certification. **Begins on Friday at 1 p.m., attendance is mandatory! Also meets on Saturday and Sunday at 8 a.m.** (Full turnout gear, gloves and goggles required).

FIP 3318 Water Supplies

This course meets all requirements for Firefighter Levels I and II for water supplies objectives. This course will cover water sources, drop tank situations, hydrants and more. **Meets on Saturday and Sunday at 8 a.m.**

FIP 3319 Sprinklers I & II

Students will be trained in all objectives related to sprinklers for Firefighter I and II. **Meets on Saturday and Sunday at 8 a.m.**

FIP 3321 Fire Prevention, Public Education & Fire Causes I & II

This course will meet the objectives related to Fire Prevention, Public Education & Fire Cause for N.C. Certification. **Begins Friday at 5 p.m., attendance is mandatory! Also meets on Saturday and Sunday at 8 a.m.**

FIP 5702 VMR Vehicle Anatomy

This class will present the Technical Rescuer vehicle anatomy and introduce new technologies in vehicle devices which present hazards for rescue personnel. Topics include 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 be discussed. **Meets on Saturday Only.**

FIP 5704 VMR Bus and Machinery

This class will present the Technical Rescuer construction style and use of school, mass transit, and tour buses. The class will offer additional information on how to organize size-up, gaining access, vehicle stabilization, enlarging openings, disentanglement of victims, extrication techniques, and post rescue operations. The Technical Rescuer will be introduced to methods to control electrical, fuel, fire, traffic, A/C, and engine hazards. **Meets at 8 a.m. on Sunday Only.**

FIP 5804 TR Ropes: Fixed Ropes Systems

This class will present the Technical Rescuer with the correct techniques for the setup, operation, and function of fixed rope systems used during rope rescue incidents. **Meets on Saturday and Sunday at 8 a.m.**

FIP 5805 TR Ropes: Lowers and Raises

This class will present the Technical Rescuer with the correct techniques for the setup, operation, and function of various types of high angle raising and lowering operations involving litters during a rope rescue incident. **Meets on Saturday and Sunday at 8 a.m.**

ICS COURSES

EPT 4300 ICS 300

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. Prerequisites: ICS 100, ICS 200, and ICS 700. **Begins Friday at 1 p.m., attendance is mandatory! Also meets on Saturday and Sunday at 8 a.m.**

SPECIALTY COURSES

FIP 3500 NFA Incident Safety Officer

This course is designed to provide local and state-level emergency responders with a robust understanding of the duties, responsibilities, and capabilities of an effective SOFR on an

All-Hazards Incident Management Team.

These responsibilities fall into two categories: 1) responding to the incident and the safety needs of the incident, and 2) effectively fulfilling the position responsibilities of a Safety Officer on an All-Hazards IMT. Exercises, simulations, discussions, and a final exam enable students to process and apply their new knowledge. **Meets on Saturday and Sunday at 8 a.m.**

FIP 3500 NFA DIMCO-Decision Making for Initial Company Officer

The course is designed to develop the decision making skills needed by Company Officers (CO) to accomplish assigned tactics at structure fires. All activities and scenarios used in this course are based on structure fires. As a CO with the real possibility of being the first to arrive at an incident, the CO's initial decisions will have an impact throughout the entire incident. It is vital that they be able to make good management decisions that have a favorable impact on the eventual outcome. In addition to a possible role as the initial Incident Commander (IC), the CO may well be assigned a subordinate position within the ICS organization. COs need to have a clear understanding of the system, the position they are assigned, and their role in the organization if they are to function effectively and help make the system work. **Meets on Saturday and Sunday at 8 a.m.**

FIP 3621 EVD Trailer Towing Operations

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. **Meets on Saturday and Sunday at 8 a.m.**

FIP 4728 LP Gas Emergencies (LP Burn)

This course is designed to give the first responder the basic information regarding LP Gas Emergencies. You will learn about the characteristics, behaviors and properties of LP Gas through terms and definition and classroom demonstrations. You will also learn about road and rail transport vehicles. You will learn basic tactic considerations and be able to recognize fight verses not fight scenarios. All this will be applied on the last day of the course with actual live burn scenarios utilizing what you have learned in course. Students will need full turnout gear including SCBA with a spare bottle. **Meets on Saturday and Sunday at 8 a.m.**

FIP 3322 Building Const. I & II

This course will cover all the objectives related to building construction for Firefighter I and II. **Meets on Saturday and Sunday at 8 a.m.**

FIP 3323 Fire Department Organization & Safety I & II

Firefighters will become aware of the basic and advanced operations of the department and understand their position in the organization from a basic and advanced detailed perspective. Course topics will include the review of basic and advanced safety regulations and the firefighter responsibility to comply with those regulations, the review of the elements of a basic and advanced departmental safety program, and a review of the basic and advanced hazards related to fire protection. **Begins Friday at 5 p.m., attendance is mandatory! Also meets Saturday and Sunday at 8 a.m.**

DRIVER OPERATOR & PUMP OPERATIONS COURSES

FIP 3601 Emergency Vehicle Driving

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 N.C. Fire Rescue Commission. **Begins Friday at 5 p.m., attendance is mandatory! Also meets on Saturday and Sunday at 8 a.m.**

FIP 3611 Pumps: Operations

This course will review and explain basic elements of pump operations including priming, lift, drafting, pumping from a hydrant, setting engine pressure, and calculating friction loss. **Begins Friday at 1 p.m., attendance is mandatory! Also meets on Saturday and Sunday at 8 a.m.**

FIP 3613 Pumps: Sprinkler/Standpipe

This course will discuss and detail operations regarding set up and supply operations for pump operators for sprinkler systems and wet and dry standpipe systems. It will include a review of control valves, pressure settings and operations procedures. **Meets on Saturday and Sunday at 8 a.m.**

FIP 3615 Pumps: Service Testing

This course will explain and demonstrate the proper methods and procedures used to test fire service pumping apparatus for service testing, Underwriter's Laboratory certification, a three hour service test, the acceptance test, and other testing and priming tests required for fire service pumps. The course will explain how 100%, 70%, and 50% capacity tests are performed and

demonstrate mathematical calculations related to service testing. **Meets on Saturday and Sunday at 8 a.m.**

FIP 3616 Pumps: Water Supply

This course will review and discuss the methods by which water supply is obtained and maintained during an emergency operation. It will detail water main systems and will describe how to identify and determine flow in such systems. It will also detail mobile water supply systems and how they operate. It will describe and explain quick dump mobile water supply operations and detail methods for relaying water to a pumper. **Meets on Saturday and Sunday at 8 a.m.**

AERIAL OPERATIONS COURSES

FIP 3620 Aerials Service Testing

This course will list and demonstrate the methods and procedures to follow to test key aspects of aerials devices as specified in the NPPFA standard. It will include service testing of ladders, specify required tests and review records that are required to be maintained for testing procedures. **Meets on Saturday and Sunday at 8 a.m.**

TECHNICAL RESCUE COURSES

FIP 5605 TR General Rescue Rigging

This course will present to the Technical Rescuer the proper use of ropes and other related rescue rigging equipment used during rescue operations. This course will involve the setup of various ladder and timber configurations for technical rescues. **Meets on Saturday and Sunday at 8 a.m.**

FIP 5606 TR General Ropes

This course 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. **Begins Friday at 5 p.m., attendance is mandatory! Also meets on Saturday and Sunday at 8 a.m.**

FIP 5701 VMR Rescue Operations

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. **Meets on Saturday and Sunday at 8 a.m.**

FIP 6401 NC RIT: Mayday

This course covers the objectives outlined in the National Fire Academy Mayday curriculum. Firefighters will learn how to recognize a mayday situation and how to call for help. This is one of three courses that make the North Carolina Rapid Intervention Team Certification. **Begins Friday at 1 p.m., attendance is mandatory!**

FIP 6402 NC RIT: Firefighter Survival

The Firefighter Self Survival course focuses on identifying a firefighter emergency and teaches how to safely perform self-rescue from the emergency. This is a physically demanding course and requires full protective clothing including SCBA and a spare bottle. This is one of three courses that make the North Carolina Rapid Intervention Team Certification. **Meets on Saturday and Sunday at 8 a.m.**

SMAT III

Upon the successful completion of this course, you will have the knowledge and skills necessary to participate in appropriate N.C. State Medical Assistance Team (SMAT) activities.

Meets on Saturday and Sunday at 8 a.m.

Course Prerequisites

- Registration with SERVNC
- ICS 100: Introduction to Incident Command
- ICS 200: Incident Command System
- ICS 700: National Incident Management System (NIMS)
- ICS 800: National Response Framework
- VIPER Medical Communications Network Online Training

FIRE LIFE SAFETY EDUCATOR COURSES

FIP 4612 Fire and Life Safety Educator I: Administration

This course will review and document various fire and life safety educational programs, describe various formats, prepare written reports, and discuss time management or organizing skills. Information will be presented on how to develop and maintain a work schedule and how to arrange meetings, presentations and events to reduce conflicts. **Meets on Saturday and Sunday at 8 a.m.**

STAY IN THE KNOW.



**Checkout our web pages on the
Randolph Community College website at
[www.randolph.edu/welcome/emergency_services_
training_center.php](http://www.randolph.edu/welcome/emergency_services_training_center.php)**



**Use your smart phone to scan the QR code
and connect with our google calendar for
an up-to-date course listing.**

REGISTRATION FORM

List the courses you would like to attend. Fill out your second and third choice, in case of cancellation.

1st Choice _____ 2nd Choice _____ 3rd Choice _____

Social Security # _____ - _____ - _____ Date of Birth ____/____/____ Age _____

Last Name _____ First _____ MI _____

Mailing Address _____

City _____ State _____ Zip _____ County _____

Home (____) _____ Work (____) _____ E-mail: _____

Education level completed: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 OR check if HS Equivalency

Check all that apply: Male Female

Unemployed Employed Retired Paid Volunteer Fireman EMS Law Enforcement Rescue

Name of your Fire/Rescue/EMS/Law Enforcement Dept. _____

REQUIRED

Position/Job Title _____

REQUIRED

The following must be submitted with the registration form.

FIRE & RESCUE PERSONNEL ONLY: Please sign below to receive certification credit: I give my permission to RCC and the N.C. Department of Community Colleges to release my training records to the N.C. Fire & Rescue Commission and/or my agency.

Student's Signature _____ Date _____

CHIEF/TRAINING OFFICER AFFIRMATION (entry level certification courses): I certify that this student has the physical ability to attend an entry-level course and to participate in the practical exercises set forth by the North Carolina Fire and Rescue Commission.

Chief /Training Officer's Signature _____ Date _____

CHIEF/TRAINING OFFICER AFFIRMATION (advanced courses): I certify that this student has the physical ability, experience and background to enroll in the practical exercises involved in the course he/she is requesting. If student is enrolled in a course that includes live burns, advanced breathing techniques or advanced courses requested above, he/she has met the minimum requirements set forth in NFPA 1403. He/She has also had the proper prerequisite courses and training to enroll in this course. He/She has demonstrated the physical ability required for this course so as not to put others or himself/herself at risk.

Chief /Training Officer's Signature _____ Date _____

Concurrent Enrollment Section (must be completed for students 16-18 years old)

Permission is granted to _____, who is in good standing and currently enrolled at _____ High School, to be concurrently enrolled through RCC for the Weekend Fire and Rescue College, March 2-4, 2012. This student is sixteen (16) years of age or older.

Principal's Signature _____ Date _____

Mail check and registration form to

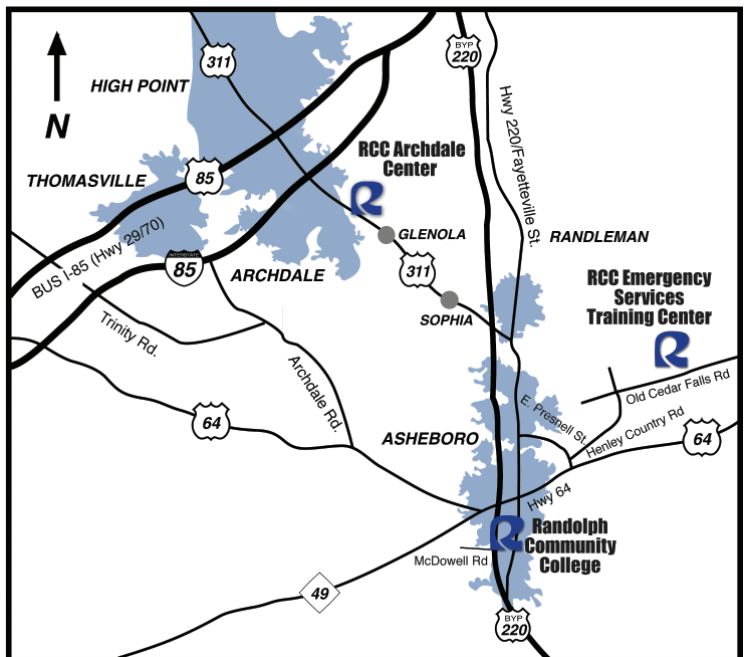
Weekend Fire and Rescue College, RCC, 629 Industrial Park Avenue, Asheboro, N.C. 27205

RETURN SERVICE REQUESTED

The Emergency Services Training Center is located at 895 Training Center Drive, Randleman. This location is on the east side of Asheboro.

This is the training facility for the Basic Law Enforcement Training certificate program and the Randolph Community College Firefighter Academy. The ESTC is also used for Continuing Education programs for Fire, Rescue, Law Enforcement (CJC), Emergency Services and Concealed Carry Handgun courses.

This 60-acre facility maintains modern equipment and props for each respective emergency service. The facility includes three firing ranges, an emergency vehicle driving course, five-story drill tower, live burn building, tactical building, LP Gas facility with six props, USAR course, and underground confined space/trench area. There are six classrooms with current computer technology including Smart boards



at this facility. The Criminal Justice section uses standardized police equipment for Law Enforcement/CJC programs. The Fire and Rescue section also utilizes modern fire and rescue equipment including a new fire engine added in 2011.