

**STANDARD OPERATING GUIDELINE
STATE FIRE ACADEMY**

SUBJECT: *High School/Career & Technology Firefighter I and II Program*

EFFECTIVE DATE: August 1, 2018

REVIEWED DATE:

July 8, 2020

Students must pass the End of Course exam and all evaluated skills with a 70 or higher to receive South Carolina Fire Academy transcript credit.

First Aid & CPR: This training, which may be based on any recognized accredited course, such as those offered through the American Heart Association or American Red Cross.

Hazardous Materials Awareness

Hazardous Materials Operations

Note: *Beginning with school year 2018-19 HMA and HMO must comply with NFPA 1072 Standard for Hazardous Materials/Weapons of Mass Destruction Emergency Response Personnel Professional Qualifications.*

b. 1197-Firefighter II Program

Before beginning a Firefighter II course, students must successfully complete the 1196-Firefighter I program and the following prerequisite. If students do not have the prerequisite before entering the Firefighter II program, the prerequisite must be incorporated into the course content. Students must pass the End of Course exam and all evaluated skills with a 70 or higher to receive South Carolina Fire Academy transcript credit.

Basic Auto Extrication (BAE 3330)

5. Class Size & Instructor Ratio

Class size should be limited to 25 students, according to South Carolina Fire Academy requirements. Additional instructors must assist with moderate/high risk activities, such as live burns. Firefighters from the host fire department are strongly encouraged to assist with classroom and fire ground training activities. Each skill sheet in the South Carolina Fire Academy curriculum specifies the need for additional instructors.

6. Facilities & Equipment

Any facility or equipment item available to the training program may be used. The host fire department should loan bunker gear, SCBA and PASS devices, cylinders, tools, equipment, apparatus and other items not owned by the school. However, all equipment must meet applicable NFPA requirements and safety standards.

a. Each firefighter student should have access to:

A full set of bunker gear (turnout coat and pants; flash hood; structural firefighting boots, gloves and helmet; safety glasses or goggles).

Basic hand tools, tarps and ropes.

A computer connected to the internet. Computer and internet connection needs will vary over time. Please contact the South Carolina Fire Academy for the latest technology requirements.

A classroom with adequate lighting, heating, plumbing, ventilation and seating.

b. Facilities and equipment required for conducting fire training typically include, but are not limited to, the following types of items:

A multiple-story tower-type structure, where students can use ladders, advance hose lines, perform simulated rescues and hoist equipment.

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career development and assisting with classroom instruction, skills training and field trips. Since High School/CTC fire training provides a recruitment base, it would be appropriate for a sponsoring department to assist with funding South Carolina Fire Academy student registration fees.

Firefighters from local departments may serve as classroom and fire ground teaching assistants. The Fire Chief of the sponsoring fire department must qualify and certify his personnel to the tasks assigned and to ensure compliance with state regulations and federal child labor laws.

Fit testing for SCBA is the responsibility of the sponsoring fire department. Specific requirements may vary according to the department.

The sponsoring fire department is the point of contact for the high school. The liaison for the sponsoring department will be responsible for contacting the regional office with all request and questions concerning the program.

2. **Guidance Counselors**
Guidance/career counselors should understand the physical requirements and nature of the

Explanation of possible risks of injury associated with fire suppression and other training activities.

Expectations for class gr

1. Performing fire-fighting tasks (e.g. hose line operations, extensive crawling, lifting and carrying heavy objects, ventilating roofs or walls using power or hand tools, forcible entry), rescue operations, and other emergency response actions under stressful conditions while wearing personal protective ensembles and self-contained breathing apparatus (SCBA), including working in extremely hot or cold environments for prolonged time periods.
2. Wearing an SCBA which includes a demand valve-type positive-pressure face piece or HEPA filter masks, which requires the ability to tolerate increased respiratory workloads.
3. Exposure to toxic fumes, irritants, particulates, biological (infectious) and non-biological hazards, and/or heated gases, despite the use of personal protective ensembles and SCBA.
4. Depending on the local jurisdiction, climbing six or more flights of stairs while wearing fire protective ensemble weighing at least 50 lb (22.6 kg) or more and carrying equipment/tools weighing an additional 20 to 40 lb (9 to 18 kb).
5. Wearing fire protective ensemble that is encapsulating and insulated, which will result in significant fluid loss that frequently progresses to clinical dehydration and can elevate core temperature to levels exceeding 102.2°F (39°C).
6. Searching, finding, and rescue-dragging or carrying victims ranging from newborns up to adults weighing over 200 lb (90 kg) to safety despite hazardous conditions and low visibility.
7. Advancing water-filled hose lines up to 2½ in. (65 mm) in diameter from fire apparatus to occupancy ,412 792 reW*nBTesult0 g 12-176ult0

This information is provided as a general guideline.

A complete copy of the NFPA 1582 standard can be viewed or purchased directly at www.nfpa.org.

_____ Middle Initial: _____

Mailing Address: _____

City: _____ SC Zip: _____ County: _____

Daytime Phone: _____ Home Phone: _____ Email: Participants of Junior Member I

aware of the risks and hazards associated with fire and rescue training , including, but not limited to, burns, heat stroke, heart attack, heat exhaustion , falls, and other related injuries, and I choose to voluntarily allow this minor to participate in the activity with full knowledge that said activity may be hazardous to the minor and their property. I verify that my minor child has had a medical evaluation by a physician or other licensed health care professional within six (6) months of the course start date that meets the requirements of OSHA 1910.156 for fire brigades and 1910.134 for wearing a self-contained breathing apparatus.

Parent Initials_____ **Student Initials**_____

I certify the information on this registration form is correct. The student (minor) agrees to abide by the rules, policies, and regulations of the South Carolina Fire Academy. I understand that falsifying information or violating rules or procedures may result in the minor being dis