



Center for Advanced Technical Studies

916 Mount Vernon Church Road
Chapin, SC 29036
803-476-8600



<http://www.lexrich5.org/CATS.cfm>

Course Name: Fire and Rescue I

Instructor: Mr. Michael N. Levy

E-mail: mlevy@lexrich5.org

Web site: <http://www.lexrich5.org/webpages/mlevy>

Voice Mail: 803-476-8600

Number of Credits: 2

Planning Time: 12:30 am – 3:30 am

A Days only

Length of Course: Full Year

Fee for Course: \$ 100.00

Fire and Rescue 1

Course Description: This course is designed to take the student to the final level of firefighter as recognized by the National Fire Protection Association (NFPA) and the International Fire Service Accreditation Congress (IFSAC.) **Necessary Prerequisites Include successful completion of Hazmat Awareness and First Aid/CPR/AED training.** SCFA written tests will be given during the course and at the end of course at the class. Skills testing and evaluation will take place at the SCFA or CFD Training Center. This course includes an overview of the functions and history of the fire service with emphasis on fire suppression and earning the South Carolina Fire Academy Firefighter I certification. **After meeting prerequisites (16 years of age by Nov 1, Hazmat Awareness, Hazmat Operations, and First Aid/CPR.)** students will be enrolled in a formal Firefighter I class. **Class will integrate individual on line learning** along with practical skills sessions along with live fire training opportunities. Successful completion could result in a student that has “job ready” certifications. **NOTE: The SC Fire Academy requires a medical form signed by a physician as part of the registration packet. Please arrange to have completed as soon as possible.**

Instructional Goals & Strategies: Students will complete online and in class training. Students will be utilizing a hybrid approach to training utilizing on line learning via SCFA as well as in class discussions and skill development. Use of Self Contained Breathing Apparatus and structural firefighting equipment may be strenuous in nature. Outside agencies and resources will assist with various aspects of training.

Various instructional strategies with an emphasis in technology will be used throughout the class period to promote active student engagement.

Scope: The following topics will be addressed in Fire and Rescue I

Introduction to Fire Service	First Aid and CPR
History of Fire Service	Hazmat Awareness
Firefighter Safety and Health	Fire Department Communications
Firefighter Personal Protective Equipment	
Firefighter I topics	Fire and Life Safety Initiatives

Textbook/ Resources: Essentials of Firefighting and Fire Department Operations: Sixth Edition FPP, IFST 2013

Assessments/Grading: Fire and Rescue I. I will operate under the state guidelines of uniform grading. Specifics of this policy may be found on the District Five website at <http://www.lexrich5.org/files/filesystem/D5CourseCat.pdf>.

The grading scale for this class will be as follows:

Grading Scale for Fire and Rescue I	
A	100 - 90
B	89 - 80
C	79 - 70
D	69 - 60
F	Below 60

<<<<<<PLEASE NOTE THAT PASSING FOR SCFA CERTIFICATION IS 70%>>>>

In this class, students will do a variety of work and have numerous opportunities to show mastery of the material. Students will take a semester cumulative exam which will count as 20% of the semester grade. Grades are based on a total point system.

Make –Up Work, Late Work Policy and Parent Portal: If a student is out for an excused reason, all work can be made up without penalty as per the school policy. Students should email me for assignments at mlevy@lexrich5.org if they are absent. Students and parents are encouraged to contact me personally if they are having difficulties of any kind. I encourage parents or students to email me if they are sick. I reserve the right to adjust assignments based on extended illness.

Please note that no course at the Center for Advanced Technical Studies is eligible for recovery credit.

If a student is out for an unexcused reason, it is that student's responsibility to email me and obtain the assignment. I will accept late work through the end of each grading cycle (4 ½ weeks) but grade penalty will apply based on the following.

Assignment Late By	Grade Point Penalty
One Class Period	10 point deduction
Two Class Periods	20 point deduction
All others	30 point deduction

Please note that 0's will be assigned for each missing assignment until it is turned in and graded or until the end of the grading cycle.

Parents and Students: Please utilize Parent Portal to see your grade progress! You will be able to access this valuable internet tool from our main school site. I anticipate all students being very successful in this class but it will be important to monitor grades and attendance continuously.

Most of the work done in this class will be based on research and exploration of a student's thoughts and developing skills. Students are required to do their own work ~ so please don't ATTEMPT to pull someone else's work off of the internet or borrow a classmate's work. Each student has been chosen to attend the Center based on their incredible potential in their particular field of study! Always give YOUR best and share YOUR ideas!

Dress Code: Students are expected to come to class dressed for success. In our particular field, we will adhere to the Center's requirement that students wear a collared shirt and pants that fit at the waist. If your pants do

not fit at the waist, make sure that you are wearing a belt to keep them secured at the waist! Long pants must be worn on skill development days. Shoes must be closed at heel and toe for safety reasons. I would suggest jeans/BDU's, a collared shirt, and athletic shoes or boots. A spare set of clothing and deodorant can be stored at a small locker in the class. Some of the training will be strenuous in nature with significant exertion. Safety Glasses will be issued to each student and will be used during hands on training events.

<<<**Cell Phones**>>>: Cell phones are to be **put away in class and not used in class** (unless authorized by instructor) and students are not to be texting during the instructional block (**even in their pocket!**). District policy is to be followed. Students may utilize their cell phones during any official classroom break. In the event that a child needs to reach their parent for an important reason, the student simply needs to let me know and I will allow them to make the call at an appropriate time dependent upon the circumstances.

Classroom Rules: Communication ~ Communication ~ Communication!!

If a student is experiencing difficulty either with a situation in the class or out of the class, I encourage him/her to either talk with me privately (meaning quietly at my desk or out in the hall) or email me ~ whichever approach makes them most comfortable. Parents ~ please feel free to do the same! My contact information is at the top of the syllabus.

Instructor Expectations: The Fire Service is a noble profession and calling. This program has the ability to make a significant impact on the student's future career or volunteer service choice. Safety will be stressed practiced and expected. I am committed to deliver a program that is interesting and challenging. The goal is to have the student earn the Firefighter I certification from the SCFA. **As mentioned the training will be strenuous and stressful in nature. Please notify me if any medical concerns can be shared that would affect the student's success and any fear of heights or tight space concerns.** Students will be expected to participate in routine cleaning of the lab area as well as related equipment.

Student Expectations: I expect each student to respect each other and treat each other accordingly inside and outside of our classroom environment. Students should follow guidelines set forth by me or any guest instructor for each class activity. These guidelines may change based on the activity. All students will be successful if they simply follow the directions given. In the unlikely event that a student's behavior is not appropriate, I will verbally redirect the student and remind him/her of appropriate behavior, counsel with the student in private, contact parents as needed and **ONLY THEN** involve school administration as a **LAST RESORT**.

Parent Communication: Parent communication is an essential part of the learning community in this class. I want to hear from you ~ both the celebrations and the challenges. Don't hesitate to let me know when your child comes home excited about something that we have talked about in class! Also, if your child is experiencing a challenge inside or outside of our classroom, please let me know so that I may help ensure their success! Please know there will be times in this class that **EACH** child is going to feel discouraged or uneasy. That is a necessary part of gaining a new skill. Sometimes, they will achieve the skill the first time it is presented, but oftentimes, it will take multiple attempts to perfect a particular skill.

Materials Needed for Fire and Rescue I: All students need a 3 ring binder notebook of about 2 inches, notebook paper and a pen/pencil **EACH DAY**. Students are responsible for keeping an **organized** notebook by topic. This will help them academically and will also be a valuable resource to be saved. Also the student is encouraged to start a certification notebook.

WELCOME TO Fire and Rescue I
The fun has just begun!

School District 5 of Lexington and Richland Counties does not discriminate on the basis of race, color, national origin, creed, religion, sex, age, disability, or handicap in admission to, or access to, or treatment or employment in its programs or activities. Inquiries should be directed to the Chief Officer of Human Resource Services (Title IX Coordinator) and the Director of Special Services (504/ADA Coordinator) at
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www.lexrich5.org