



AIKEN COUNTY CAREER AND TECHNOLOGY CENTER
Emergency Fire-EMS Management
2024-2025

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*Must complete Med. Term., EMS1 & EMS2 (EMT Dual Enrollment 2025-2026)
or*

Fire 1 & Fire 2 to be a Pathway Completer

Emergency Medical Services 1 (EMS 1)
Health Science 1 (HS1)

5531 - 1 Credit
5550 - 1 Credit

Prerequisites: None. EMS1 will also cover HS1 material with 1 Credit for each.
Must register for both EMS 1 and EMS 2. GPA 2.0 or higher in English, Math, and Science.

General Requirements: *This course is recommended for students in grades 10-12.*

Health Science 1, Foundations of Healthcare Professions, is an introductory course designed to provide students with an overview of healthcare careers and foundational skills to begin their journey towards the future as a healthcare professional.

EMS 1 is designed to teach students how to recognize and respond to various emergencies. Students will review basic anatomy and physiology as it relates to injury management and treatment. Students will review basic information needed for all phases of a healthcare professional. Information that students are exposed to will include legal and ethical implications, communications, safety, infection control and professionalism. In this course, students will learn what skills are necessary to recognize and care for emergencies in adults, children, and infants until professional medical help arrives. Students will obtain FA/CPR/AED certification. Students must be able to perform light physical activity.

Safety First

First Aid, CPR-AED

Basic Life Support (CPR-AED)

OSHA 10 (*if not completed already*)

FEMA: Community Emergency Response Team (CERT)

EMS 1 Material for the Emergency Medical Responder

FEMA: Start the ICS, MIMS and other online courses (*if not completed already*)

○ IS 100 Introduction to the Incident Command System

○ IS 700 Introduction to the National Incident Management System

• FEMA Hazmat Awareness

Note: This is a tentative outline. It may be modified and adjusted as needed.

Emergency Medical Services 2 (EMS 2) **5532 - 2 Credit**
Medical Terminology (*Dual Enrolment ATC*) **5540 - 1 Credit**

Prerequisite: None. *Must register for both EMS 1 and EMS 2.*

General Requirements: *This course is recommended for students in grades 10-12. Students must have been successful in EMS 1 to proceed to EMS 2. A recommendation of 75% or higher for the minimum grade.*

Medical Terminology

Firefighter I

Course Name and Description: Fire Fighter 1 (651400CD - 2 credits)

PREREQUISITE: GPA 2.0 or higher in English, math, and science (Age 16 at start of class)

Students will demonstrate knowledge and understanding of the basic concepts of safety in the Emergency and Fire Services. Students will develop a basic understanding of First Aid, CPR, Hazmat Awareness, Hazmat Operations, and Fundamentals of Fire Fighting through the Fire Fighter 1 level. Opportunity to challenge the IFSAC Fire Fighter 1 certification with the South Carolina Fire Academy if all prerequisites are complete.

Standards and Objectives:

Students are expected to meet the South Carolina Fire Academy agreed upon by the South Carolina State Department of Education.

- Safety First
- Basic First Aid
- Basic Life Support (CPR-AED)
- HazMat Awareness
- Firefighter I (SCFA Course 1196 - CTC Firefighter I Curriculum)
- HazMat Operations (SCFA Course 1428)
- FEMA: Continue ICS and MIMS online courses (IS-100, 200, 700 & 800 if not completed already)
- OSHA: 10 hours online course (if not completed already)

Materials Supply List:

- Computer for Schoology and other online course work from home.
- Materials for personal use: Masks; Hand Sanitizer; Water Bottle(s)
- Paper
- Pencils/Pens Highlighter

Note: This is a tentative outline. It may be modified and adjusted as needed. Students will be Required to complete the online learning work as well as the hands-

Firefighter II

Course Name and Description: Firefighter 2 (651500CD - 2 credits)

PREREQUISITE: SCFA High School Fire Fighter 1 (min. grade 77), Teacher Recommendation, GPA 2.0 or higher in English, math, and science.

Classroom Grading Policy

Quarter Grades:

Summative Grades (Quarter and Semester

Absences and Make up Work

Assignments missed must be made up. It is your responsibility to find out what you have missed and make the work up in the time frame determined by district (5 days) and

Safety First Rules

- 1) Safety First!
- 2) Wear Your PPE!
- 3) Survey the Scene!
- 4) Think Before You Act!