

Fire Science / EMS

This program is designed to provide knowledge of fire, rescue, emergency medical, and hazardous material management skills and techniques that can be used by individuals who have an interest in firefighting/emergency services.

This program is a joint venture among the Cecil County Public Schools, Cecil County Fireman's Association, Cecil County Emergency Medical Services, and the Maryland Fire and Rescue Institute of the University of Maryland at College Park.

Students earning a B or higher in Fire Science/Emergency Medical Services I & II may receive articulated college credit.

Pre-requisites:

- ⇒ At least 16 years of age
- ⇒ A member in good standing with a Cecil County or a mutual aid fire department and have completed a Maryland Fire and Rescue Institute Verification of Membership and medical clearance form.
- ⇒ Algebra I

FEES:

Approximately \$100.00



“Partners in Education”



“Building a Foundation for Lifelong Learning”



Cecil County Fireman's Association



**FIRE SCIENCE
&
EMERGENCY
MEDICAL
SERVICES**



**Cecil County
School of Technology
912 Appleton Road
Elkton, MD 21921
410-392-8879**

Career & Technology Education

The Fire Science and Emergency Medical Services program is only offered at the Cecil County School of Technology (CCST).

Students from the five county high schools have the opportunity to begin the program during the spring semester of their junior year by a designated application process.

Students complete their programs during the fall semester of their senior year. They are encouraged to develop positive work attitudes while building individual skills for success.

Transportation is provided from the home high school to and from CCST. Program fees include the cost of trade appropriate clothing, tools and license/certification exams.

All students enrolled in the Fire Science/EMS program are required to have a physical before entering the program.



Expect Success at CCST

Certifications, Citizenship, Skills & Technology

Fire Science / EMS

This program offers the following certifications:

Firefighter I **

Firefighter II **

Emergency Medical Technician **

Aerial Apparatus Operator **

Fire Fighter Survival and Rescue **

Engine Company Fire Ground Operations **

Rescue Technician—Site Operations **

Rescue Technician—Vehicle and Machinery Extrication **

Truck Company Fire Ground Operations

HAZMAT Operations

Incident Command

**** Successful completion of these course will earn the student 17 articulated technical course credits towards their Associate of Applied Sciences degree at Cecil College.**



The following courses are required to complete the Cecil College AAS Degree as of January 1, 2014:

MFRI Courses:

- ⇒ Fire Department Safety Officer
- ⇒ Pump Operator
- ⇒ Emergency Vehicle Operator
- ⇒ HAZMAT Technician
- ⇒ Incident Safety Officer
- ⇒ Fire Officer I
- ⇒ Fire Inspector I

Cecil College Courses:

- ⇒ EGL 101 : Freshman Composition
- ⇒ CIS 101 : Introduction to Computer Concepts
- ⇒ PSY 101 : Introduction to Psychology
- ⇒ MAT : Math Elective
- ⇒ ACT : Activity Elective
- ⇒ EGL 211 : Technical Writing
- ⇒ BIO 208 : Anatomy and Physiology I
- ⇒ BIO 218 : Anatomy and Physiology I Lab
- ⇒ BIO 209 : Anatomy and Physiology II
- ⇒ BIO 219 : Anatomy and Physiology II Lab
- ⇒ PSY 201 : Human Growth and Development
- ⇒ SOC 201 : Introduction to Sociology
- ⇒ SPH 121 : Interpersonal Communications