

## 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 all courses in the program sequence 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"*



Cecil County Fireman's Association



Cecil County Public Schools does not discriminate in admissions, access, treatment or employment in its programs and activities on the basis of race, color, gender, age, national origin, religion, sexual orientation, or disabling condition.



**FIRE SCIENCE  
&  
EMERGENCY  
MEDICAL  
SERVICES**



**Cecil County  
School of Technology  
912 Appleton Road  
Elkton, MD 21921  
Phone: 410.392.8879  
Fax: 410.392.8884  
Guidance Office: 410.392.8880**

## Career & Technical 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 their junior year by a designated application process. Students complete their programs during their senior year. They are encourage 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.

### Program Course Sequence

*Junior Year, First Semester*

Fire Emergency Medical Training/  
High School Cadet I

*Junior Year, Second Semester*

Fire Emergency Medical Training/  
High School Cadet II

*Senior Year, All Year*

Fire Emergency Medical Training/  
High School Cadet III

## Fire Science / EMS

This program offers the following certifications:

Firefighter I \*\*

Firefighter II \*\*

Emergency Medical Technician or  
Emergency Medical Responder \*\*

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 courses may earn the student 17 articulated technical course credits towards their Associate of Applied Sciences degree at Cecil College.**



Expect Success at CCST

Certifications, Citizenship, Skills & Technology

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