

COLLEGE: Montgomery College

HIGH SCHOOLS: This program is offered in all MCPS high schools.

CLUSTER: Law, Government, Public Safety, & Administration

Training is provided at the Fire and Rescue Training Academy.

MCPS PROGRAM: Fire & Rescue Services/EMT

All students in the County may apply if they meet entrance

MC PROGRAM: Fire Science and Emergency Services Management A.A.S.

requirements. Transportation is provided.

Students prepare for certification in Emergency Medical Technician/Basic and Fire Fighter I/II by learning emergency diagnosis, treatment, and care for injuries and/or emergency fire and rescue procedures. Final and written practical examinations are administered by Emergency Medical Services, Maryland State Department of Health and Mental Hygiene, and the Montgomery County Department of Fire and Rescue Services. Students attend class at the Training Academy each day from 11:00 a.m. to 1:30 p.m. Students should plan for adequate travel time as they develop their class schedule.

STUDENT ENTRY POINTS

GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	REQUIRED COURSES				
					RECOMMENDED ELECTIVE COURSES		OTHER ELECTIVE COURSES		
CAREER AND TECHNICAL EDUCATION COURSES									
SECONDARY	9	English	Mathematics	Social Studies	Science	Foreign Language	Foundations of Technology	Physical Education	
	<b>Anatomy and Physiology as well as Foreign Language are highly recommended courses.</b>								
	10	English	Mathematics	Social Studies	Science	Foreign Language	Fine Arts	Health (.5) Elective (.5)	
	11	English	Mathematics	Social Studies	Science	◆ Essentials of Fire Fighting A	Essentials of Fire Fighting Internship A	◆ Advanced Fire & Rescue Techniques B	Advanced Fire and Rescue Internship B
	<b>Each course in the program is taken concurrently with a field-based internship at a sponsoring fire department and supervised by MCPS staff.</b>								
12	English	Mathematics	Anatomy and Physiology		Software Applications by Design A/B	◆ Emergency Medical Technician/Basic (EMT B)	◆ EMT/Basic (Science) A/B	EMT/Basic Internship A/B	
<b>Students can articulate up to 10 college tech prep credits for a tuition savings of \$1,364.</b>									
POSTSECONDARY	Year 1 1st Semester	En 101 Techniques of Reading & Writing I		Health Foundation		FS 107 Community Fire Prevention & Safety Education	FS 101 Principles of Emergency Service	FS 104 Fire & Emergency Services Administration	
	Year 1 2nd Semester	English Foundation	Mathematics Foundation		Natural Sciences Lab Distribution	◆ FS 105 Fire Behavior and Combustion	Arts or Humanities Distribution	◆ HE 105 First Responder	
	Year 2 1st Semester	Speech Foundation			Natural Sciences Distribution without Lab	FS 112 Building Construction for Fire Prevention	Behavioral & Social Sciences Distribution	FS 212 Fire Protection and Hydraulics and Water Supply	
	Year 2 2nd Semester				PY 102 General Psychology	FS 201 Fire Prevention and Inspection	Select 2 from: FS 106 Occupational Safety & Health for Emergency, FS 108 Legal Aspects of Fire & Emergency Services, FS 205 Chemistry of Hazardous Materials, FS 214 /Fire /Tactics & Strategy, FS 216 Fire Protection Systems, FS 221 Fire Codes and Standards, FS 225 & 226 Fire Investigation I & II, FS 250 Fire Protection Internship		

Students who complete the MCPS program (courses in red) in high school do not have to repeat the courses in red at MC.



This MCPS CTE program is approved by the Maryland State Department of Education for graduates in 2012.

Required Courses
Recommended Elective Courses
Career and Technical Education Courses
Credit-Based Transition Programs (e.g. Dual/Concurrent Enrollment, Articulated Courses, 2+2+2)
(◆ = High School to Com. College) (● = Com. College to 4-Yr Institution) (■ = Opportunity to test out)



# Law, Government, Public Safety, and Administration

2009–2010

<b>Fire and Rescue Services (OASIS Code = FI) *application program*</b> CIP 43.0203.1			
<b>Requirements for Program Completion</b> (1.5 credits A) + (1 credit B) + (.5 credit C)			
Code	Course #	Course Title	Credit
<b>A</b>	5423	Essentials of Firefighting A	1.0
	5421	Essentials of Firefighting Internship A	.5
<b>B</b>	5424	Advanced Fire and Rescue Techniques B	1.0
<b>C</b>	5422	Advanced Fire and Rescue Techniques Internship B	.5

<b>Emergency Medical Technician (OASIS Code = FI) *application program*</b> CIP 43.0203.1			
<b>Requirements for Program Completion</b> (1.5 credits A) + (1 credit B) + (.5 credit C)			
Code	Course #	Course Title	Credit
<b>A</b>	5453	Emergency Medical Technician/Basic (EMT/B)	.5
	3993	EMT/Basic (Science) A <b>concentrator</b>	.5
	5458	EMT/Basic Internship A	.5
<b>B</b>	3994	EMT/Basic (Science) B <b>concentrator</b>	.5
<b>C</b>	5459	EMT/Basic Internship B	.5

**NOTE:** All courses within each pathway are completed in one school year.

### Articulation Agreements with Montgomery College (MC)

Students can articulate up to **10** credits at Montgomery College for a savings of **\$1,364** (including fees).

For more information, go to:

<http://www.montgomeryschoolsmd.org/departments/cte/toolkit/ClusterInfo/Law/index.shtm>.