

Emergency Medical Services — Paramedic

Associate in Applied Science

The purpose of this curriculum is to produce competent entry-level Emergency Medical Technician-Paramedics (EMT-P) who can service the community with advanced life support care via the Emergency Medical Services (EMS) infrastructure. Upon completion of the program, students will be eligible for National Registry testing and certification in Virginia.



Clinical and field experiences in health care facilities and with professional EMS crews are provided and field trips are used to supplement learning in selected areas. There may also be weekend obligations for some clinical requirements. The student will be expected to purchase uniforms and provide transportation to clinical facilities and field trips at personal expense. Students admitted to the program must complete a health record form, obtain up-to-date immunizations, and submit a background check.

Admission is competitive and based on grades, performance on the College's placement tests, interviews, and demonstrated interest in pursuing a career in EMS. Prerequisites to entering the program include the attainment of a high school diploma or GED with three years of English and two years of Mathematics.

Interested students should complete the Allied Health application process by March 15, prior to the fall semester of desired admission.

The Emergency Medical Services program is accredited by the Virginia Office of Emergency Medical Services, James Madison Building, Suite UB-55, 109 Governor Street, Richmond, VA 23219.

Central Virginia Community College

call (434) 832-7800

AA/EEO/ADA • VTDD (434) 832-7701



Emergency Medical Services: Paramedic: — Degree Requirements

Course No.	Course Title	First Year		
		Sum. Sem.	1st Sem.	2nd Sem.
EMS 111	Emergency Medical Technician-Basic ¹	6	-	-
EMS 120	EMT-Basic Clinical ¹	1	-	-
SDV 100	Orientation	-	1	-
BIO 141	Human Anatomy and Physiology I	-	4	-
EMS 151	Introduction to Advanced Life Support ²	-	4	-
EMS 170	ALS Internship I	-	2	-
EMS 153	Basic ECG Recognition	-	2	-
EMS 157	ALS-Trauma Care	-	3	-
EMS 155	ALS-Medical Care	-	-	4
EMS 159	ALS-Special Populations	-	-	2
EMS 172	ALS Clinical Internship II	-	-	2
EMS 173	ALS-Field Internship II	-	-	1
One of the following computer courses:			-	3
BUS 226	Computer Business Applications			
ITE 115	Introduction to Computer Applications and Concepts			
	Social Science Elective ³			3
Total		7	16	15

Course No.	Course Title	Second Year	
		1st Sem.	2nd Sem.
EMS 205	Advanced Pathophysiology	3	-
EMS 207	Advanced Patient Assessment	3	-
EMS 242	ALS Clinical Internship III	2	-
EMS 243	ALS Field Internship III	2	-
EMS 201	EMS Professional Development	2	-
ENG 111	English Composition I	3	-
EMS 209	Advanced Pharmacology	-	4
	Social Science Elective ³	-	3
EMS 211	Operations	-	2
EMS 244	ALS Clinical Internship IV	-	1
EMS 245	ALS Field Internship IV	-	1
	Humanities Elective ⁴	-	3
Total		15	14

Minimum credits required to graduate

67

¹ EMS 111 and 120 must be taken prior to taking courses in subsequent semesters. EMT-Basic Certification may be substituted for these courses.

² EMS 151 must be taken prior to taking courses in subsequent semesters. Exceptions to be approved by the program director.

³ It is recommended that students take PSY 120 and SOC 200.

⁴ For a list of approved courses, see Humanities Electives or Social Sciences Electives cards.