

AWARD: ASSOCIATE OF APPLIED SCIENCES DEGREE
MAJOR: EMERGENCY MEDICAL SERVICES (146)

The associate of applied sciences degree program with a major in Emergency Medical Services is designed to develop the knowledge base and skill required to prepare the student to function as an "entry-level" Paramedic. Successful performance in this program qualifies the student to take the Paramedic exam.

PROGRAM REQUIREMENT: Purchase of a clinical scheduling and skills tracking account through FISDAP.net (\$80) is required.

ACCREDITATION: The EMS program at LFCC is fully accredited by the Virginia Office of EMS.

ADMISSION REQUIREMENTS:

1. Attend a mandatory EMS orientation session prior to start of fall semester;
2. Be at least 18 at start of program;
3. Meet the requirements listed in the Virginia Office of Emergency Medical Service document "Prerequisites for EMS training Programs, Criminal History and Standards of Conduct";
4. High school graduate or GED;
5. Satisfy admission requirements for LFCC;
6. Current Virginia or National Registry EMT certification or higher (must remain current for duration of program);
7. Current Healthcare Provider CPR Certification or other CPR card accepted by the Commonwealth of VA Office of EMS (must remain current for duration of program);
8. No physical limitations rendering the student unfit to perform all required duties;
9. Satisfy the job requirement duties for EMT as set out in the Mid-Atlantic EMS Council Job Description for EMT;
10. To complete the Clinical and Field Internship portions of the program, submit results of a physical exam completed within the last 12 months as proof of immunizations or resistance to measles, mumps, rubella, Tdap, polio, Hepatitis B vaccination, and TB skin test within the last 12 months. If PPD is positive, submit results of chest x-ray showing negative for active TB;
11. LFCC placement tests and completion of any developmental work that may be identified by the placement test. Must show competency in MTE 1-3 and ENG 111 to satisfy requirements without taking remediation.

CURRICULUM

Course No.	Title	Credit(s)
First Semester		
SDV 101/100	Orientation to Health Professions	1
EMS 100	CPR for Healthcare Providers ^{1,2}	1
EMS 111	Emergency Medical Technician Basic ^{1,3}	7
EMS 120	EMT – Basic Clinical ¹	1
HIM 111	Medical Terminology I	3
	Total	13
Second Semester		
EMS 121	Preparatory Foundation	2
EMS 123	EMS Clinical Preparation (Lab)	1
EMS 125	Basic Pharmacology	1
EMS 126	Basic Pharmacology Lab	1
EMS 127	Airway, Shock & Resuscitation	1
EMS 128	Airway, Shock & Resuscitation Lab	1
EMS 135	Emergency Medical Care	2
EMS 136	Emergency Medical Care Lab	1
EMS 137	Trauma Care	1
EMS 138	Trauma Care Lab	1
	Total	12

Third Semester		
BIO 145	Human A&P for Health Sciences ⁴	4
EMS 139	Advanced Care for Special Populations	1
EMS 140	Advanced Care for Special Populations Lab	1
EMS 141	Cardiovascular Care	2
EMS 142	Cardiovascular Care Lab	1
EMS 175	Paramedic Clinical Experience I	2
ENG 111	College Composition I	3
	Total	14
Fourth Semester		
EMS 202	Paramedic Pharmacology	2
EMS 203	Advanced Patient Care	2
EMS 204	Advanced Patient Care Lab	2
EMS 206	Pathophysiology for Health Professions	3
EMS 247	Paramedic Clinical Field Experience II	1
EMS 248	Comprehensive Field Experience	2
PSY 230	Developmental Psychology I ⁵	3
	Total	15
Fifth Semester		
EMS 210	EMS Operations	1
EMS 212	Leadership and Development	1
EMS 165	Advanced Cardiac Life Support	1
EMS 163	Prehospital Trauma Life Support	1
EMS 167	Emergency Pediatric Care	1
EMS 164	Advanced Medical Life Support	1
EMS 216	Paramedic Review	1
EMS 249	Paramedic Capstone Internship	2
PHI 220	Ethics	3
	Elective ⁶	3
	Total	13
	PROGRAM TOTAL	69

1. Applicants with current EMT certification will be awarded credit for EMS 100, EMS 111 and EMS 120.
2. HLT 105 is an approved substitute.
3. Completion of EMS 112 and EMS 113 may be substituted for EMS 111.
4. Taking both BIO 141 and BIO 142 are an approved substitute for BIO 145.
5. PSY 200, PSY 205, PSY 235 and PSY 236 are approved substitutes for PSY 230.
6. Elective must be a course in one of the general education categories – communication, natural science/math, social behavioral or humanities/fine arts.