

## *Associate of Applied Science Degree in Emergency Medical Services*

**AREA:** Emergency Medical Services

**DEGREE:** Associate of Applied Science Degree

**LENGTH:** Five semesters (two-year program)

**PURPOSE:** The curriculum 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. Purchase of clinical scheduling and skills tracking account through FISDAP.net (\$80) is required.

**OCCUPATIONAL OBJECTIVES:** To operate as an “entry-level” Paramedic

**TRANSFER GUIDELINE:** Transfer opportunities for associate of applied science degrees, if existing, are very specific in nature. Students enrolling in an applied science degree with plans to transfer should explore opportunities with an advisor.

**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 Services 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 1-6 and ENG 111 to satisfy requirements without taking remediation.
12. Residents from outside the Lord Fairfax Community Service Area are admitted only after all applicants who reside in the College service area have been considered.
13. Completion of criminal background search, fingerprinting, and drug screen as required and to the satisfaction of affiliating clinical agencies.

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

<u>Course#</u>	<u>Title</u>	<u>Credits</u>
<b>First Semester (Summer)</b>		
EMS 111	Emergency Medical Technician Basic <sup>1</sup>	7
EMS 120	EMT-Basic Clinical <sup>1</sup>	1
BIO 145	Human Anatomy & Physiology for the Health Sciences <sup>2</sup>	4
SDV 101/100	Orientation to Health Professions	1
<b>Total</b>		<b>13</b>
<b>Second Semester (Fall)</b>		
EMS 151	Intro to Advanced Life Support	4
EMS 153	Basic ECG Recognition	2
EMS 157	ALS – Trauma Care	3
EMS 170	ALS Internship	1
ENG 111	College Composition I	3
<b>Total</b>		<b>13</b>
<b>Third Semester (Spring)</b>		
EMS 155	ALS Medical Care <sup>3</sup>	4
EMS 159	EMT-Special Populations	3
EMS 172	ALS Clinical Internship II	1
EMS 173	ALS Field Internship II	1
ITE 115	Intro to Computer Apps & Concepts <sup>4</sup>	3
<b>Total</b>		<b>12</b>
<b>Fourth Semester (Fall)</b>		
EMS 201	EMS Professional Development	3
EMS 209	Advanced Pharmacology	4
EMS 211	EMS Operations	2
EMS 242	ALS Clinical Internship III	1
EMS 243	ALS Field Internship III	1
	Social Science Elective <sup>5</sup>	3
<b>Total</b>		<b>14</b>

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### **Fifth Semester (Spring)**

EMS	205	Advanced Pathophysiology	4
EMS	207	Advanced Patient Assessment	3
EMS	244	ALS Clinical Internship IV	1
EMS	245	ALS Field Internship	1
		Humanities Elective <sup>5</sup>	3
PED/HLT		Health/Physical Education Elective <sup>6</sup>	1
		<b>Total</b>	<b>13</b>
		<b>Program Total</b>	<b>65</b>

<sup>1</sup>EMS 111 & 120 are not offered at LFCC. Students seeking EMT certification should contact the Lord Fairfax EMS Council at 540-665-0014.

<sup>2</sup>Student must complete BIO 145 or an equivalent (college level A&P with lab) prior to enrolling in the 200 level EMS courses (i.e. Paramedic)

<sup>3</sup>A grade of "C" or better in both EMS 152 and EMS 154 can be substituted for EMS 155.

<sup>4</sup>Student can also meet this requirement by passing the College's computer competency exam that is administered through the testing center.

<sup>5</sup>See list of approved electives on page 41.

<sup>6</sup>Can be met with any course with a HLT or PED prefix or RPK 170.