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 EMT (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 part 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.

Course#  Title                                      Credits

First Semester (Summer)
EMS 111  Emergency Medical Technician Basic
EMS 120  EMT-Basic Clinical1                    1
BIO 145  Human Anatomy & Physiology for the Health Sciences2  4
SDV 101/100 Orientation to Health Professions  1
Total   13

Second Semester (Fall)
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
Total   13

Third Semester (Spring)
EMS 155  ALS Medical Care3                      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 & Concepts4     3
Total   12

Fourth Semester (Fall)
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 Elective5                         3
Total   14

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### Fifth Semester (Spring)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>EMS 205</td>
<td>Advanced Pathophysiology</td>
<td>4</td>
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<tr>
<td>EMS 207</td>
<td>Advanced Patient Assessment</td>
<td>3</td>
</tr>
<tr>
<td>EMS 244</td>
<td>ALS Clinical Internship IV</td>
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<tr>
<td>EMS 245</td>
<td>ALS Field Internship</td>
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<td>Humanities Elective&lt;sup&gt;5&lt;/sup&gt;</td>
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<td>PED/HLT</td>
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<td><strong>Total</strong></td>
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**Program Total** 65

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<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.