

Career Studies Certificate: Paramedic

AREA: Paramedic

PURPOSE: This certificate encompasses the curriculum set forth in the Virginia and National EMS Education Standards for the Paramedic pre-hospital provider level. The curriculum includes comprehensive coverage of topics covered in the Emergency Medical Technician (EMT) curriculum including; anatomy & physiology, pathophysiology, cardiology, trauma, pediatrics, geriatrics and EMS operations. Students are introduced to the concepts and skills related to Advanced Life Support (ALS) care including; intravenous access, advanced airway techniques, medication administration and the entire scope of Paramedic skills. Students currently certified at the EMT-Enhanced, Advanced EMT or EMT-Intermediate levels are awarded course credit for their current certification levels. Successful completion of the classroom, lab and internship portions of this certificate will result in eligibility to sit for the National Registry of EMT's Paramedic exam. Students in this certificate must maintain their current provider and CPR certifications throughout the program

OCCUPATIONAL OBJECTIVES: to operate as an "entry-level" paramedic

ADMISSION REQUIREMENTS:

1. Attend a mandatory EMS orientation session with instructor
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-Intermediate certification (must remain current for duration of program) or completion of the EMT-Intermediate curriculum
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. 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.
10. 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.

11. 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.
12. Completion of criminal background search, fingerprinting, and drug screen as required and to the satisfaction of affiliating clinical agencies.
13. Student must complete BIO 145 or an equivalent (i.e. NAS 150, BIO 142) prior to enrolling in the 200 level EMS courses (i.e. Paramedic)

ACCREDITATION: The EMS program is nationally accredited through CAAHEP (the Commission on Accreditation of Allied Health Education Programs).

| Course# | Title | Credits |
|---------------------------------|------------------------------|-----------|
| First Semester (fall) | | |
| EMS 201 | EMS Professional Development | 3 |
| EMS 209 | Advanced Pharmacology | 4 |
| EMS 211 | Operations | 2 |
| EMS 242 | ALS Clinical Internship III | 1 |
| EMS 243 | ALS Field Internship III | 1 |
| Total | | 11 |
| Second 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 IV | 1 |
| Total | | 9 |
| Program Total | | 20 |