

## CAREER STUDIES CERTIFICATE (221-146-06)

## Emergency Medical Services - Basic Technician

**Purpose:** The certificate program in Emergency Medical Services is designed to prepare students for a career as an Emergency Medical Technician-Basic.

**Occupational Objective:** Employment opportunities include positions with Local Fire and EMS agencies, Occupational Safety Personnel Ambulance Services, first responders or basic rescue providers.

**Admission Requirements:** Applicants must meet the general admission requirements for admission to the college as well as the requirements stipulated by the Virginia Office of EMS, <http://www.vdh.state.va.us/oems/>. Developmental courses are required for students with deficiencies in English and mathematics.

Applicants interested in admission to the program must meet the above admission requirements and complete the following process by **June 1**:

1. Submit a college admission application.
2. Contact J. Doran at [jdoran@roanokecountyva.gov](mailto:jdoran@roanokecountyva.gov) for a Program application that is separate from the College application. This must be submitted 2 weeks prior to the start of the class with requested documentation.
3. Take the COMPASS or ASSET placement test to evaluate reading, writing and mathematical skills..
4. Hold current certification in an Office of Emergency Medical Services approved cardiopulmonary resuscitation (CPR) course at the beginning date of the course or obtain certification within 1 week of starting the course. This certification must also be current at the time of state testing.
5. Have transcripts of previous college courses sent to the college. A score of 61 on the COMPASS reading test is required for first round selection. Should openings still be available, persons who apply or meet requirements after June 1, or score lower than cut score on the reading exam will be considered. Questions regarding admission should be directed to James Doran, RCFRD EMS Training Specialist, (540) 387-6911x230, [jdoran@roanokecountyva.gov](mailto:jdoran@roanokecountyva.gov).

**Program Requirements:** The enrolled student or certification candidate must comply with the following:

1. Be proficient in reading, writing and speaking the English language in order to clearly communicate with a patient, family or bystander to determine

a chief complaint, nature of illness, mechanism of injury or to assess signs and symptoms.

2. Be a minimum of 16 years of age at the beginning date of the certification program. If less than 18 years of age, he or she shall provide the course coordinator with a completed parental permission form with the signature of a parent or guardian verifying approval for enrollment in the course.
3. Have no physical or mental impairment that would render him or her unable to perform all practical skills required for that level of certification including the ability to function and communicate independently and perform appropriate patient care, physical assessments and treatments without the need for an assistant.
4. Hold current certification in an approved course in cardiopulmonary resuscitation (CPR) at the beginning date of the certification program. This certification shall also be current at the time of state testing.
5. May not have been convicted of or found guilty of any crime, offense or regulatory violation, or participated in any other prohibited conduct identified in these regulations.
6. If in a bridge certification program, he or she shall hold current Virginia certification at the EMS First Responder level.
7. Meet other requirements for course enrollment as set by the regional EMS council or local EMS resource, the PCD or the course coordinator, approved by the Office of EMS.

**Essential Program Functions:** The Emergency Medical Technician must demonstrate competency in handling emergencies utilizing basic life support equipment and skills in accordance with the objectives in the U.S. Department of Transportation National Standard Curriculum for EMT to include having the ability to:

- Verbally communicate in person, via telephone and telecommunications using the English language;
- Hear spoken information from co-workers, patients, physicians and dispatchers and sounds common to the emergency scene;
- Lift, carry and balance a minimum of 125 pounds equally distributed (250 pounds with assistance) a height of 33 inches, a distance of 10 feet; read

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and comprehend written materials under stressful conditions;

- Document, physically in writing, patient information in prescribed format;
- Demonstrate manual dexterity and fine motor skills, with ability to perform all tasks related to quality patient care in a safe manner;
- Bend, stoop, crawl and walk on uneven surfaces;
- Meet minimum vision requirements to operate a motor vehicle within the state.

Despite the foregoing, a qualified person with a disability who can perform these essential functions with reasonable accommodation will be considered for the program.

**Clinical and Behavioral Requirements:** Selected and supervised student experience is required by the program and will be accomplished at clinical internship sites at regional health care facilities and/or field internships within local EMS agencies. The student is responsible for transportation to these facilities, as well as to any scheduled field trips. Program preceptors will observe and evaluate the student's suitability for the profession. If the student does not exhibit those documented behaviors required of the EMS professional, the student may be asked to withdraw from the program.

**Student Responsibilities:** After Acceptance into the Program Applicants accepted to the program may be required to submit a health certificate signed by a licensed physician, physician's assistant or RNP and other health related documentation as required by the program. This should include but is not limited to documentation of measles, mumps, Rubella (MMR) and chicken pox exposure or inoculations; documentation of Hepatitis B inoculation; Tuberculosis testing; and overall general health of the applicant. Drug and alcohol screening is required prior to rotating through certain clinical sites. Positive screenings will jeopardize continuation in the program. Costs of the tests are the responsibility of the student.

The purchase of items such as uniforms, liability insurance, self-healthcare insurance and other accessories is the financial responsibility of the individual student. Students who elect to take support courses recommended by the Program Director prior to formal acceptance into the program will find this activity to be advantageous in subsequent course scheduling.

**Retention Policy:** Students must make a "C" or better in all program core courses- EMS 112, 113, and 120. Any student receiving a grade less than "C" will not be allowed to progress from EMS 112 to EMS 113 and will not be allowed to participate in certification examination.

That course shall be remediated once within an 18 month period, with a written contract drafted containing the requirements of the remediation. Remediated courses must be completed with a final grade of "C" or better. Dismissal from the program shall result if the student does not meet the requirements of the contract.

**EMT Intermediate Training:** Students who successfully completed the EMS-Basic Technician program may be eligible for EMT-Intermediate Training programs. In Roanoke, contact James Doran, RCFRD EMS Training Specialist, (540) 387-6911 x230. In Franklin County, contact Michael Pruitt, Training Retention and Recruitment Coordinator, (540) 483-3091, [MichaelPruitt@franklincountyva.org](mailto:MichaelPruitt@franklincountyva.org).

### CURRICULUM AND OTHER REQUIREMENTS

GENERAL EDUCATION CORE COURSES		CREDITS
BIO 101*	General Biology	4
CST 100	Principles of Public Speaking (or CST 105)	3
ENG 111*	College Composition I	3
PSY 200	Principles of Psychology	3
SDV 100	College Success Skills (or SDV 108)	1

### EMERGENCY MEDICAL SERVICES COURSES

EMS 112	Emergency Medical Tech – Basic I	4
EMS 113 <sup>1*</sup>	Emergency Medical Tech – Basic II	3
EMS 120	Emergency Medical Technician – Basic Clinical	1

**Total Minimum Credits for Certificate ..... 22**

<sup>1</sup> EMS 112 is a prerequisite for EMS 113.

\* This course has a prerequisite. Prerequisites for all courses are listed in the course description section at the back of the catalog.

### SUGGESTED SCHEDULE

FALL	SPRING
BIO 101	CST 100
EMS 112	EMS 113
ENG 111	EMS 120
SDV 100 or SDV 108	PSY 200