

ASSOCIATE OF APPLIED SCIENCE DEGREE EMERGENCY MEDICAL SERVICES TECHNOLOGY^{TP} (146)

About Our Program

The purpose of this curriculum is to produce competent entry-level Emergency Medical Technician-Paramedics (EMT-P) who can service the community with advanced life support care via the Emergency Medical Services (EMS) infrastructure. Upon successful completion of the program, students will be eligible for National Registry testing and certification in the Commonwealth of Virginia.

This program is accredited by the Virginia Office of Emergency Medical Services and is offered in conjunction with Southwest Virginia and Virginia Highland Community Colleges. The program is also nationally accredited by the Committee on Accreditation of Allied Health Educational Programs (CAAHEP).

Program Goals: After successfully completing the program the graduate will be able to demonstrate: (1) the ability to comprehend, apply, and evaluate the clinical information relative to his role as an entry-level paramedic; (2) technical proficiency in all skills necessary to fulfill the role of an entry-level paramedic; and (3) personal behaviors consistent with professional and employer expectations for the entry-level paramedic.

Special Considerations

The paramedic curriculum is an academically rigorous program, but one having the potential to provide a rewarding career for participants.

Admission to the program will be governed by the requirements for general admission to the College and the Commonwealth of Virginia Emergency Medical Services. Individuals who have a felony conviction may not be eligible to take the certification exam.

Applicants must meet the following requirements:

1. Be at least 18 years of age by the beginning of the program pursuant to Section 12VAC5-30-270A.1. of the Rules and

Regulations of the Board of Health Governing Emergency Medical Services.

2. Be a high school graduate or have satisfactorily completed the GED.
3. Have a current and valid certificate evidencing EMT-B, EMT-ST, EMT-Enhanced, EMT-Intermediate or EMT-CT certification in Virginia pursuant to Section 12VAC5-30-290 of the Rules and Regulations of the Board of Health Governing Emergency Medical Services.
4. Possess and maintain current CPR certification.

Additionally, a selection process is utilized to choose applicants for each year's program. To be eligible for selection to the program, interested persons should complete the following process by May 10:

1. Submit a college admission application.
2. Submit an application to the program (separate document) with required attachments.
3. Take the Program Entrance Exam.
4. Take the COMPASS placement test (or submit ASSET, SAT or ACT scores).
5. Have transcripts of previous college courses sent to MECC.

After May 10th the first round of students will be selected. Selection will be based on previous college coursework, entrance exam score, and college placement reading scores. A score of 61 on the COMPASS or comparable score on the ASSET, SAT, or ACT is required for first round selection. Should openings still be available, persons who apply or meet requirements after May 10, or score lower than the cut score on the reading exam will be considered.

Program Requirements

Physical Requirements:

This program requires extensive walking, stooping, bending, pushing, pulling, climbing stairs, and lifting and carrying requirements of at least 125 pounds (56.8 kg); Motor coordination over uneven terrain is necessary to assure the patient's, EMT's, Paramedic's, and

other worker's well being is not jeopardized.

Academic Requirements:

Any student receiving a grade of less than "C" in any of the required program courses will be placed on Programmatic Academic Probation. The student will have the opportunity to repeat one course, and the repeated course must be completed with a final grade of "C" or better. A final grade of "F" in any required program coursework shall result in dismissal from the program.

Clinical and Behavioral Requirements:

Selected and supervised student clinical experience is required by the program and will be accomplished at selected, regional health care facilities. The student is responsible for transportation to these facilities, as well as to any scheduled field trips or combined program classes. 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.

Other Requirements:

In addition to basic college costs such as tuition and fees, this program requires expenditures for uniforms, books, liability insurance, CPR certification, immunizations and physical, and some medical equipment items. Students are also responsible for their own transportation to clinical sites.

Applicants accepted to the program are required to submit a health certificate signed by a licensed physician or RNP and should include 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. This physical exam should be completed within six months prior to admission to the program.

Program Contacts

Dr. Ross Santell, *Dean*

Faculty Contact: Mr. Bill Akers, Mrs. Kim Dorton, Location: Dalton-Cantrell Hall

This program begins in the fall of each year. While some courses can be taken out of sequence, please note that EMS 151 is a prerequisite for most advanced EMS courses.

Emergency Medical Services Technology^{TP}

*Lec/Lab Crse
Hrs./Hrs. Cr.*

First Semester (Summer)

EMS 111	EMT - Basic	4	4	6
EMS 120	EMT-Basic Clinical	1	0	1
ITE ¹	Computer Elective	3	0	3
SDV100 ²	College Success Skills	1	0	1
TOTAL		9	4	11

Second Semester (Fall)

EMS 151	Intro to Adv. Life Support	3	2	4
EMS 153	Basic ECG Recognition	2	0	2
EMS 157	ALS - Trauma Care	2	2	3
EMS 170	ALS Internship I	0	3	1
ENG 111	College Composition	3	0	3
TOTAL		10	7	13

Third Semester (Spring)

EMS 155	ALS - Medical Care	3	2	4
EMS 159	EMS Special Populations	1	2	2
EMS 172	ALS Clinical Internship II	0	3	1
EMS 173	ALS Field Internship II	0	3	1
	Science Elective ³	3	3	4
	Social Science Elective ⁴	3	0	3
TOTAL		10	13	15

Fourth Semester (Fall)

EMS 201	EMS Professional Dev.	2	0	2
EMS 205	Adv. Pathophysiology	3	0	3
EMS 207	Adv. Patient Assessment	2	2	3
EMS 242	ALS Clinical Internship III	0	3	1
EMS 243	ALS Field Internship III	0	3	1
	EMS/FIR/HLT EMS, Fire Programs or HLT Elective	3	0	3
TOTAL		10	8	13

Fifth Semester (Spring)

EMT 209	Pharmacology	3	2	4
EMS 211	Operations	1	2	2
EMS 244	ALS Clinical Internship IV	0	3	1
EMS 245	ALS Field Internship IV	0	3	1
	Humanities/Fine Arts Elective ⁵	3	0	3
	Social Science Elective ⁴	3	0	3
TOTAL		10	10	14

66 credits required to graduate

¹ITE 115 is recommended

²SDV 100 or 109 is recommended

³BIO 141-142 are recommended if the student is planning to transfer to a medically related program.

⁴Social Science subject areas: PSY/PLS/ECO/HIS/SOC/GEO

⁵Humanities/fine art subject areas: MUS/ART/PHI/SPA/REL/FRE/HUM/PHT/ASL/SPD & some ENG