



EMERGENCY MEDICAL SERVICES TECHNOLOGY Associate in Applied Science Degree

PROGRAM PLACEMENT REQUIREMENTS:

- Attend an EMT Department Information Session, on campus, or Powerpoint version.
- 16 years of age or older for entry into the first semester; 18 years or older to enter second and subsequent semesters.
- Hold, at a minimum, a high school or general equivalency diploma. Students may be Dual Enrolled while still in high school, for first semester only.
- Be proficient in reading, writing and speaking the English language, and successful NVCC Math and English placement assessments
- Attained at least a 2.0 GPA at last school attended. Students in Dual Enrollment must maintain 2.0 GPA while in high school.

PREREQUISITE CERTIFICATIONS:

Must be achieved prior to Program entry, and maintained throughout EMS program:

- CPR – American Heart Association CPR for the BLS Provider only.
- Personal Liability Insurance, minimum \$1,000,000 per incident coverage, repeated annually.
- Annual Health Record with appropriate immunizations, repeated annually.
- Possess a national background check, including urine screen, with no record of any sexual crime and be at least five years past final release of any felony or drug-related convictions. Go to <https://mycb.castlebranch.com>, put in code: OR21

COURSE #	COURSE TITLE	CREDITS
FIRST SEMESTER		
EMS 111	Emergency Medical Technician-Basic	7
EMS 120	EMT-Basic Clinical	1
*NAS 150	Human Biology	4
ENG 111	English Composition	3
SDV 101 ₁	Topics in Health Care	<u>1</u>
	Total:	16
SECOND SEMESTER		
EMS 151	Introduction to Advanced Life Support	4
EMS 153	Basic ECG Recognition	2
EMS 157	ALS – Trauma Care	3
EMS 170	ALS Internship I	1
**HLT 250	Pharmacology	<u>3</u>
	Total:	13
THIRD SEMESTER		
EMS 155	ALS – Medical Care	4
EMS 159	EMS Special Populations	3
EMS 172	ALS Clinical Internship II	2
EMS 173	ALS Field Internship II	1
SS 1 ₂	Social Science Elective 1	<u>3</u>
	Total:	13



<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
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FOURTH SEMESTER

EMS 201	EMS Professional Development	3
EMS 205	Advanced Pathophysiology	4
EMS 207	Advanced Patient Assessment	3
EMS 213	ALS Skills Development	1
EMS 242	ALS Clinical Internship III	1
EMS 243	ALS Field Internship III	<u>1</u>
		Total: 13

FIFTH SEMESTER

EMS 211	Operations	2
EMS 216	Paramedic Review	1
EMS 244	ALS Clinical Internship IV	2
EMS 245	ALS Field Internship IV	1
HUM ₅	Humanities Elective	3
MTH 151	Math for Lib Arts I	<u>3</u>
		Total: 12

Total credits for Associate in Applied Science, in Emergency Medical Services Technology: 67

* Students may substitute the following classes to meet the Human Biology requirement for the second semester of Intermediate classes: NAS 161 or BIO 141. Degree seeking students must also complete the second portion of the substituted class in order to meet the degree requirements, NAS 162 or BIO 142.

** Students may substitute EMS 209 Advanced Pharmacology (4 credits) in place of HLT 250. Students who plan on changing programs at a later date will need to check with the new program of study to find out which Pharmacology course they accept.

Students must successfully complete certification testing in the following sequence, prior to continuing in EMS program:
 EMT-Basic, after first semester (Virginia)
 Virginia EMT-Basic certification must be maintained continuously throughout EMS-program attendance.
 EMT-Intermediate, after third semester (Virginia State - optional)
 EMT-Paramedic, after fifth semester (National Registry)

**All students continuing to Paramedic will be required to complete the AAS degree prior to NREMT- Paramedic testing. See attached document for policies for entry into program, with prior certifications (EMT-B, EMT-E, EMT-I, and EMT-P)*

SPECIAL NOTES:

- 1.) SDV 101, Topics in Health Care, meets SDV requirement, which should be completed by 16th credit. SDV 100 also is acceptable.
- 2.) Social science electives – 3 credits total, which may be selected from psychology, economics, history, sociology, political science, anthropology or geography.
- 3.) 1 credit each can be awarded for the following professional certifications: ACLS, PALS, and ITLS.
- 4.) Humanities elective – 3 credits total. Students are encouraged to take PHI 227, Bio-Medical Ethics, or SPA 163, Spanish for Health Professionals.

* EMS-prefix courses must be taken in the sequence listed above. General education courses may be taken in any order, but all must be successfully completed, ensuring student eligibility for AAS prior to NREMT-P testing.
Special Accreditation Status: The program is accredited by the Commission on the Accreditation of Allied Health Education Programs (CAAHEP) in cooperation with the Committee on Accreditation of Educational Programs for Emergency Medical Services Professions (CoAEMSP).

Program Contact: Patrick Hooe, Administrative Assistant, jhooe@nvcc.edu (703) 822-6639. All EMS courses will be held at the Medical Education Campus (MEC), 6699 Springfield Center Drive, Springfield, VA 22150-1913.