

Emergency Medical Services – Paramedic

Associate of Applied Science

Purpose: To prepare students to be knowledgeable, competent pre-hospital care practitioners and fill positions at the level of Emergency Medical Technician – Paramedic

Occupational Objectives: Emergency Medical Technician – Paramedic

Admission Requirements: General college curricular admission

Program Notes: In addition to the general college curriculum admissions requirements, the student must have current Virginia or National Registry EMT-B and a valid CPR for Healthcare Providers card. Applicants to the program must have completed one unit of high school biology and one unit of high school chemistry with a minimum grade of "C" or obtain the permission of the EMS program head for a waiver to that requirement to meet the US DOT Paramedic N.S.C. A&P requirement.

All applicants to the Emergency Medical Services AAS degree program must declare their curriculum plan as the Pre-Nursing and Allied Health Career Studies Certificate. (Please see http://www.jsr.vccs.edu/curriculum/plan_info.htm for information on this career studies certificate.) In order to be officially accepted into the Emergency Medical Services program, applicants will need to fulfill certain prerequisites included in the career studies certificate and meet with the program head to review their records.

In compliance with Virginia State Board of Health, Virginia EMS regulations (12 VAC 5-31-1200 and 12 VAC 5-31-1460), students wishing to register for any of the courses with an EMS prefix in this program must be at least 18 years of age at the time of their enrollment. Students younger than 18 are encouraged to enroll in any of the non-EMS prefix courses until they reach their 18th birthday and are legally eligible for enrollment in EMS courses.

To determine current tuition and fees, go to this web page http://www.jsr.vccs.edu/jsr_ar/paying_for_college.htm, or call the School of Nursing and Allied Health office at (804)523-5375. Additional fees for the Paramedic program include certification for CPR, ACLS, BTLs, and PALS. National Registry Advanced Life Support certification exams cost approximately \$150-\$200, including practical testing and National Registry of EMTs application fees. The instructor will inform students of the textbooks and other required learning materials needed in the syllabus for each course.

Progression through the Program: The college offers this program in affiliation with

the healthcare agencies and practitioners in the communities the college serves. The college relies on its community affiliates to provide clinical education opportunities for its students, expert clinical preceptors, and course instructors for many courses. The often rapid changes in healthcare law, standards of practice, technology, and content of credentialing examinations increasingly necessitate sudden changes in the program's course content, policies, procedures and course scheduling. As a result, the college cannot guarantee every student continuous and uninterrupted clinical and course instruction as outlined in the printed catalog curriculum for this program. Circumstances beyond the control of the college may necessitate the postponement of course offerings or changes in the sequencing and/or location of scheduled courses or clinical assignments. Additionally, the college may have to change the instructor for courses after instruction has started.

Computer Competency Requirement: Students in this program will meet the college's computer competency requirement by successfully completing ITE 115. Students can also meet this requirement by passing the college's computer competency exam, administered in the testing centers on each campus, in which case they will receive college credit for ITE 115. Students not passing the computer competency exam may retake the exam only once.

CURRICULUM				
COURSE	TITLE	LEC. HRS.	LAB. HRS.	CRS. CRE.
EMS 111 ^{1,2,5} or	Emergency Medical Technician – Basic or	4	4	6
EMS 112 ^{1,5} and EMS 113 ^{1,2}	Emergency Medical Technician – Basic I and Emergency Medical Technician – Basic II	2 2	2 2	3 3
EMS 120	Emergency Medical Technician – Basic Clinical	1	0	1
*NAS 161	Health Sciences I	3	3	4
*SDV 100	College Success Skills	1	0	1
TOTAL		9	7	12
EMS 151 ⁵	Introduction to Advances Life Support	3	2	4
EMS 170	ALS Internship I	0	3	1
EMS 153	Basic ECG Recognition	2	0	2
EMS 157	ALS – Trauma Care	2	2	3
*ENG 111	College Composition I	3	0	3
TOTAL		10	7	13
EMS 155	ALS – Medical Care	3	2	4
EMS 159	ALS – Special Populations	0	2	2

EMS 172	ALS Clinical Internship II	0	6	2
EMS 173	ALS Field Internship II	0	3	1
HLT 143	Medical Terminology	3	0	3
*ITE 115	Introduction to Computer Applications and Concepts	3	0	3
TOTAL		10	13	15
EMS 205	Advanced Pathophysiology	3	0	3
EMS 207	Advanced Patient Assessment	2	2	3
EMS 242	ALS Clinical Internship III	0	6	2
EMS 243	ALS Field Internship III	0	6	2
EMS 201	EMS Professional Development	2	0	2
* _____ ^{3,4}	Social/Behavioral Science Elective	3	0	3
TOTAL		10	14	15
EMS 209	Advanced Pharmacology	3	2	4
* _____ ^{3,4}	Social/Behavioral Science Elective	3	0	3
EMS 211	Operations	1	2	2
EMS 244	ALS Clinical Internship IV	0	3	1
EMS 245	ALS Field Internship IV	0	3	1
* _____ ⁴	Humanities/Fine Arts Elective	3	0	3
TOTAL		10	10	14
Total Minimum Credits for AAS Degree in Emergency Medical Services – Paramedic				66

* This course is included in the Pre-Nursing and Allied Health Career Studies Certificate.

¹EMS 112 and 113 taken in two consecutive semesters are equivalent to the one semester EMS 111 and are interchangeable for the degree. The required CPR certification is included in EMS 111 and 112. EMS 112 is a prerequisite for EMS 113.

²EMS 120 must be taken concurrently with EMS 111 or EMS 113.

³EMS students interested in the AAS in Nursing, should take SOC 200 and PSY 230 as their two social/behavioral science electives.

⁴A list of approved general education electives (humanities/fine arts, social/behavioral sciences, mathematics, science, and personal wellness) is provided in the General Education section of the catalog under Curriculum Planning and Design.

⁵EMS 111, 112, and 151 fulfill the general education requirement for personal wellness.