

Emergency Medical Services - Paramedic

Overview

Associate of Applied Science

PURPOSE: To prepare students to be knowledgeable, competent, entry-level, pre-hospital care practitioners and fill positions at the level of paramedic.

OCCUPATIONAL OBJECTIVES: To prepare competent entry-level paramedics in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains with or without exit points at the advanced emergency medical technician and/or emergency medical technician, and/or emergency medical responder levels.

ADMISSION REQUIREMENTS: General college curricular admission

PROGRAM NOTES: In addition to the general college curriculum admissions requirements, the student must have a current Virginia or National Registry EMT Certification and a valid CPR card for either the American Heart Association Healthcare Provider or the American Red Cross Professional Rescuer. 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.

In compliance with the Virginia State Board of Health and 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.

FINANCIAL REQUIREMENTS: In addition to the regular college tuition and fees, the EMS program requires the items listed below. The costs listed are estimates and subject to change.

Textbooks, \$1035.00
 Workbook,
 and
 Certification
 Fees
 (CPR,
 ACLS,
 PHTLS,
 EPC, and
 AMLS)

Background \$90.00
 Check
 and Drug
 Testing

FISDAP \$225.00
 Scheduler

and Final
 Exams

Uniforms \$200.00
 (boots,
 belt,
 pants,
 two
 Reynolds
 EMS
 program
 shirts)

Testing
 Fees: \$250.00

ODEMSA \$125.00
 (Paramedic
 practical)

National
 Registry
 Paramedic
 Cognitive
 Examination
 (Written)

Medical varies according to student's
 Check Up doctor fees

To determine current tuition and fees, visit www.reynolds.edu/pay_for_college/tuition.aspx or call the School of Nursing and Allied Health office at (804) 523-5375. The instructor will inform students of the textbooks and other required learning materials needed in the syllabus for each course.

FUNCTIONAL SKILLS REQUIREMENTS: The functional skills listed below apply to students entering the EMS - Paramedic AAS degree program. Students entering this program must have 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, and a distance of 10 feet;
- Read and comprehend written materials under stressful conditions;
- Use a prescribed format to document patient information in writing or by entry into a computer program;
- 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 even surfaces; and
- Meet minimum vision requirements to operate a motor vehicle within the state.

CONTINUATION IN THE PROGRAM: To continue in the program, students must achieve a minimum course grade of "C" (80) in each EMS course. The EMS grading scale is 80-86 "C", 87-93

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"B", and 94-100 "A". BIO 141 and BIO 142 also require a minimum grade of "C" (70 to 79) under the Biology department's grading scale. BIO 141 and BIO 142 **must** be completed successfully before the student can complete the paramedic program.

PROGRESSION THROUGH THE PROGRAM: The college offers this program in affiliation with the health care 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 health care 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.

NATIONAL REGISTRY OF EMERGENCY MEDICAL TECHNICIANS - PARAMEDIC (NRP) TEST PASS RATES: Reynolds EMS - Paramedic AAS students achieved a pass rate of 82% on the NRP test for the period of first quarter 2018 through second quarter 2019.

ACCREDITATION

J. Sargeant Reynolds Community College paramedic program is accredited by the Commission on Accreditation of Allied Health Education Programs (www.caahep.org) upon the recommendation of the Committee on accreditation of Emergency Medical Services Professions (CoAEMSP). The program meets the National EMS Education Standards and is approved and accredited by the Virginia Office of Emergency Medical Services.

Commission on Accreditation of Allied Health Education Programs
25400 US Highway 19 N., Suite 158
Clearwater, FL 33763
727-210-2350
www.caahep.org

Roadmap

COURSE	TITLE	LEC. HRS.	LAB. HRS.	CRS. CRE.
EMS 100	CPR for Healthcare Providers	1	0	1
EMS 112 ¹	Emergency Medical Technician I	3	2	4
SDV 101	Orientation to Health Science	1	0	1
BIO 141 ²	Human Anatomy and Physiology I	3	3	4
TOTAL		8	5	10
EMS 113	Emergency Medical Technician II	2	2	3
EMS 120	Emergency Medical Technician - Clinical	0	2	1
BIO 142 ²	Human Anatomy and Physiology II	3	3	4
TOTAL		5	7	8
EMS 121	Preparatory Foundations	2	0	2
EMS 123	EMS Clinical Preparation	0	2	1
EMS 125	Basic Pharmacology	1	0	1
EMS 126	Basic Pharmacology Lab	0	2	1
EMS 127	Airway, Shock and Resuscitation	1	0	1
EMS 128	Airway, Shock and Resuscitation Lab	0	2	1
ENG 111	English Composition I	3	0	3
TOTAL		7	6	10

Associate Degrees & Certificates

EMS 141	Cardiovascular Care		0	2
EMS 142	Cardiovascular Care Lab		2	1
EMS 135	Emergency Medical Care	2	0	2
EMS 136	Emergency Medical Care Lab	0	2	1
EMS 175	Paramedic Clinical Experience I	0	6	2
PSY 230 ³	Developmental Psychology	4	0	3
TOTAL		3	10	11
EMS 137	Trauma Care	1	0	1
EMS 138	Trauma Care Lab	0	2	1
EMS 139	Special Populations	1	0	1
EMS 140	Special Populations Lab	0	2	1
EMS 202	Paramedic Pharmacology	2	0	2
EMS 206	Pathophysiology for Health Professions		0	3
EMS 247	Paramedic Clinical Experience II	0	3	1
TOTAL		7	7	10
EMS 203	Advanced Patient Care	2	0	2
EMS 204	Advanced Patient Care Lab	0	4	2
EMS 248	Paramedic Comprehensive Field Experience	0	6	2
EMS 212	Leadership and Professional Development	1	0	1
PHI 220	Ethics	3	0	3
TOTAL		6	10	10

EMS 210	EMS Operations	0	2	1
EMS 165	Advanced Cardiac Life Support	1	0	1
EMS 163	Prehospital Trauma Life Support	1	0	1
EMS 167	Emergency Pediatric Care	1	0	1
EMS 164	Advanced Medical Life Support	1	0	1
EMS 216	Paramedic Review	0	2	1
EMS 249	Paramedic Capstone Internship	0	6	2
TOTAL		4	10	8
Total Minimum Credits for AAS Degree in Emergency Medical Services – Paramedic				67

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¹ EMS 112 fulfills the general education requirement for personal wellness.

² BIO 141 and BIO 142 – A student must have completed high school chemistry and biology or have permission from the Biology department. BIO 141 and BIO 142 are required to complete the paramedic program.

³ SOC 200, SOC 247, and SOC 268 are approved substitutes for PSY 230.