

## 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 / PROGRAM 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. Successful performance in this program qualifies the student to take the Paramedic exam.

**ADMISSION REQUIREMENTS:** General college curricular admission

**PROGRAM SPECIFIC REQUIREMENTS:** In addition to the general college curriculum admissions requirements, the student must have a *current Virginia EMT Certification* and a valid CPR card for either *the American Heart Association-BLS 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" within 7 years of enrollment, or obtain a score of 75% or higher on Test of Essential Academic Skills (TEAS), or minimum score of 50 on College Level Examination Program (CLEP), or completion of ENF2, if required by placement test, 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 Paramedic courses with an EMS prefix must be at least 18 years of age at the time of enrollment into the program. Students younger than 18 are eligible to enroll in EMS 100, EMS 111 & EMS 120 if not already an Emergency Medical Technician (EMT). Students may enroll in non-EMS prefix courses. Students must meet with the EMS Program Coordinator for additional advising and enrollment into the Paramedic program. Course enrollment permission is required.

A new Paramedic Cohort will start every fall semester unless otherwise noted. The average length of this program is two years (5 semesters) that will meet once a week with an anticipated spring graduation. All students must possess State EMT Certification to enroll in a fall Paramedic Cohort.

**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.

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Textbooks, \$1035.00  
 Workbook,  
 and  
 Certification  
 Fees

(CPR,  
 ACLS,  
 PHTLS,  
 EPC, and  
 AMLS)

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Castlebranch \$126.00 - \$140.00

Registration  
 (Immunization  
 Records,  
 Background  
 Check  
 and Drug  
 Testing)

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FISDAP/ \$225.00

Platinum  
 Scheduler  
 and Final  
 Exams

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Uniforms \$200.00

(Boots,  
 Belt,  
 Pants,  
 Two  
 Reynolds  
 EMS  
 Program  
 Shirts)

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Testing  
 Fees: \$250.00

ODEMSA  
 (Paramedic \$125.00  
 Practical)

National  
 Registry  
 Paramedic  
 Cognitive  
 Examination  
 (Written)

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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](http://www.reynolds.edu/pay_for_college/tuition.aspx) or call the School of Health Professions 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, but not limited 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;

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- 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.

Please visit <http://www.vdh.virginia.gov/emergency-medical-services/instructor-forms/> for a complete list of BLS and ALS Functional Job Descriptions.

**CONTINUATION IN THE PROGRAM:** To continue in the program, students must achieve a minimum course grade of “B” (80) in each EMS course. *Students MUST possess current EMT & CPR certification prior to entering the Paramedic program. EMT and CPR certification is a minimum requirement for continuation in the Paramedic program.* Paramedic students **must** successfully complete BIO 145 or BIO 141 & BIO 142 to complete the Paramedic program. BIO 145 and/or BIO 141 & 142 require a minimum grade of “C” (70-79) under the Biology department’s grading scale.

**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.

**PARAMEDIC PROGRAM OUTCOMES:** CAAHEP Accredited Paramedic Programs and CoAEMSP Letter of Review (LoR) Programs track and report outcome measures annually to the Committee on Accreditation for the Emergency Medical Services Professions (CoAEMSP). The most current CoAEMSP Annual Report was for the calendar year 2019. The most recent success rate for the National Registry of EMT Paramedic Cognitive exam was 88.5%. The most recent positive placement rate for graduates was 80.6%. Positive placement is defined by the CoAEMSP as “Employed full or part-time in a related field and/or continuing his/her education and/or serving in the military”. Positive placement is measured at completion of the program. The most recent retention rate was 73.8%. The direct link to published results are located at <https://www.caahep.org/Students/Find-a-Program.aspx>

**CAAHEP - Find an Accredited Program.** Emergency Medical Services - Paramedic Program 2501 Phoenix Drive Tuscaloosa, AL 35405 United States of America Satellite Locations/Multiple Campuses. Prattville Regional Training Center/Prattville Fire Dept, Prattville, AL. [www.caahep.org](http://www.caahep.org)

## ACCREDITATION

Reynolds Community College paramedic program is accredited by the Commission on Accreditation of Allied Health Education Programs ([www.caahep.org](http://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

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727-210-2350

[www.caahep.org](http://www.caahep.org)

## Associate Degrees & Certificates

### Roadmap

Order	Course	Title	Credits
1	SDV 101 <sup>1</sup>	Orientation to Health Science	1
2	ITE 115 <sup>2</sup>	Introduction to Computer Applications and Concepts	3
3	EMS 100	CPR for Healthcare Providers	1
4	EMS 111 <sup>3,4</sup>	Emergency Medical Technician	7
5	EMS 120 <sup>3,6</sup>	Emergency Medical Technician Clinical	1
6	BIO 145 <sup>5</sup>	Basic Human Anatomy and Physiology	4
7	EMS 121 <sup>6</sup>	Preparatory Foundations	2
8	EMS 123 <sup>7</sup>	EMS Clinical Preparation	1
9	EMS 125 <sup>7</sup>	Basic Pharmacology	1
10	EMS 126 <sup>7</sup>	Basic Pharmacology Lab	1
11	EMS 127 <sup>7</sup>	Airway, Shock and Resuscitation	1
12	EMS 128	Airway, Shock and Resuscitation Lab	1
13	ENG 111	English Composition I	3
14	EMS 141 <sup>8</sup>	Cardiovascular Care	2
15	EMS 142 <sup>8</sup>	Cardiovascular Care Lab	1
16	EMS 165 <sup>9</sup>	Advanced Cardiac Life Support (ACLS)	1
17	EMS 135 <sup>8</sup>	Emergency Medical Care	2
18	EMS 136	Emergency Medical Care Lab	1
19	EMS 137	Trauma Care	1
20	EMS 175 <sup>6</sup>	Paramedic Clinical Experience I	1
21	EMS 164 <sup>10</sup>	Advanced Medical Life Support (AMLS)	1
22	EMS 138	Trauma Care Lab	1
23	EMS 202	Paramedic Pharmacology	2
24	EMS 210	EMS Operations	1
25	EMS 247 <sup>6</sup>	Paramedic Clinical Experience II	1
26	PSY 230	Developmental Psychology	3
27	EMS 139	Special Populations	1
28	EMS 140	Special Populations Lab	1
29	EMS 163 <sup>11</sup>	Prehospital Trauma Life Support	1

30	EMS 206	Pathophysiology for Health Professions	3
31	EMS 248 <sup>6</sup>	Paramedic Comprehensive Field Experience	2
32	EMS 212 <sup>12</sup>	Leadership and Professional Development	1
33	EMS 167 <sup>13</sup>	Emergency Pediatric Care (EPC)	2
34	EMS 203	Advanced Patient Care	2
35	EMS 204	Advanced Patient Care Lab	1
36	EMS 216	Paramedic Review	1
37	EMS 249 <sup>6</sup>	Paramedic Capstone Internship	2
38	PHI 220	Ethics	3
<b>TOTAL</b>	<b>Emergency Medical Services-Paramedic Associate of Applied Science</b>		<b>65</b>

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<sup>1</sup> SDV 100 may be substituted for SDV 101.

<sup>2</sup> CSC 155 may be substituted for ITE 115.

<sup>3</sup> AHA-BLS Certification or ARC- Professional Rescuer Certification only. Other provider certifications are not accepted. Certification must be current through entirety of EMS Program. Course is provided 1-2 weeks prior to start of semester for EMS 112 and other EMS courses if needed. Additional fees do apply for this course. Program-declared students possessing a current AHA/ARC Certification will be granted credit by prior knowledge.

<sup>4</sup> EMS 111(EMT I and II) is equivalent to EMS 112 and EMS 113. Additional fees may apply, ie, uniform, PPD, Background-Castlebranch. Program-declared students possessing a current VA EMT and/or NREMT Certification will be granted credit by prior knowledge.

<sup>5</sup> Taking both BIO 141 and BIO 142 are approved substitutes for BIO 145. Please note that students who complete BIO 141 and BIO 142 are exempt from completing one of the General Education electives (3 credits).

<sup>6</sup> Students must meet requirements of Clinical Agreement prior to start of Internship/Lab (Castlebranch) if not previously met. Additional fees will apply. Students not concurrently enrolled in an EMS course/curriculum will need to repeat Castlebranch screening process. Program-declared students possessing a current VA EMT and/or NREMT Certification will be granted credit by prior knowledge.

<sup>7</sup> Program-declared students possessing a current VA EMT-Intermediate Certification through end of program will be granted credit by prior knowledge for EMS 121, EMS 123, EMS 125, EMS 126, EMS 127.

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<sup>8</sup> Program-declared students possessing a current VA EMT-Intermediate Certification through end of program will be granted credit by prior knowledge for EMS 141, EMS 142, EMS 165, EMS 135, EMS 163, EMS 164.

<sup>9</sup> Program-declared students possessing a current ACLS Certification through end of program will be granted credit by prior knowledge.

<sup>10</sup> Program-declared students possessing a current AMLS Certification through end of program will be granted credit by prior knowledge.

<sup>11</sup> Program-declared students possessing a current PHTLS Certification through end of program will be granted credit by prior knowledge.

<sup>12</sup> Program-declared students possessing a current VA EMT-Intermediate Certification through end of program will be granted credit by prior knowledge for EMS 212.

<sup>13</sup> Program-declared students possessing a current EPC Certification through end of program-program will be granted credit by prior knowledge.