

School of Nursing and Allied Health

EMERGENCY MEDICAL TECHNICIAN PARAMEDIC DEGREE



Emergency Medical Services – Paramedic Associate of Applied Science Information Package



Dear Future Paramedic:

I am pleased you are interested in the emergency medical services field and the advantages our college programs provide. These programs are offered jointly with Chesterfield County Fire and EMS, Hanover County Fire/EMS, Henrico Division of Fire, the Old Dominion EMS Alliance and the Richmond Ambulance Authority. The emergency medical services field is rapidly expanding and needs qualified technicians to serve the needs of our growing population in the greater Richmond area.

Our goal is to provide the education necessary to prepare you for your career in Emergency Medical Services as an entry level Paramedic.

To supplement your Virginia or National Registry Certification, we offer four certificate programs and an Associate in Applied Sciences (AAS) degree:

- EMT – Basic Technician Career Studies Certificate (CSC)
- EMT – Enhanced Technician Career Studies Certificate (CSC)
- EMT – Intermediate Technician Career Studies Certificate (CSC)
- EMT – Paramedic Technician Career Studies Certificate (CSC)
- EMS – Paramedic Associate in Applied Sciences (AAS) Degree

If you are just beginning in this field, the EMT – Basic Technician Career Studies Certificate is for you. If you already are certified, the Enhanced, Intermediate, or Paramedic CSC or the Paramedic AAS degree will serve your needs. All carry college credit and are designed so that each supports the others in a career-ladder fashion. Additionally, for those already certified, you can apply to the college through Advanced Placement, and receive college credits for the work you've already attained through your certification. In this way, you'll be able to acquire the Careers Studies Certificate or an AAS degree too.

Please read through this packet for details. When you are ready to enroll, or if you have any questions, please call School of Nursing and Allied Health at (804) 523-5375.

I look forward to seeing you in class.

EMS Programs Coordinator
J. Sargeant Reynolds Community College

Your Future in the Emergency Medical Services Field



What Does an Emergency Medical Technician Do?

Emergency medical services personnel are the first people called to an emergency scene and are the first to evaluate the nature and extent of a medical problem. They determine the number of people injured, types of injury present, degree of trauma, and any pre-existing medical conditions the victims may have—such as allergies, epilepsy, or diabetes—that require special medical attention. They stabilize and safely transport each victim to a healthcare facility. Emergency medical services personnel will observe strict guidelines and work under the authority of a medical director.

Work Environment:

Emergency medical services personnel may work in a variety of settings including fire departments, private ambulance companies, hospitals, clinics, rural volunteer groups, medical flight companies, private businesses such as oil companies, and educational settings.

Job Outlook:

Opportunities in this career continue to grow, as emergency medical services personnel become integral team members in providing timely health care in emergencies. The outlook in the greater Richmond area is exceptional at this time due to an increasing population and an increased awareness of the role of emergency medical services providers.

Length of Education and Requirements:

The EMT Basic Technician can be completed in either one semester or spread over two semesters. The Intermediate Career Studies Certificate can be completed in two semesters after obtaining your EMT-B certification. The Paramedic AAS Degree can be completed either as four consecutive semesters after completing your EMT-B or two additional semesters after completing your Intermediate. Each program combines classroom and clinical instruction into a real-life job setting with our partnership agencies. National Registry certification is the outcome objective of this program as well as Reciprocity Certification by the Commonwealth of Virginia.

Salary:

While many EMS personnel are volunteers, this is changing. Emergency dispatchers or emergency care attendants range from \$15,000-\$20,000. More advanced EMTs such as Intermediates and Paramedics range from \$25,000-\$50,000 or more depending on their responsibilities.

For further information on the Career Studies Certificates in Emergency Medical Technology (Basic, Intermediate, and Paramedic) and Paramedic AAS Degree offered through J. Sargeant Reynolds Community College, please call the School of Nursing and Allied Health at (804) 523-5375.

Emergency Medical Technology

General Information

Class schedules:

EMT-Basic is offered in the fall, spring and summer semesters. Advanced life support classes start in the fall and/or spring semesters. These programs may also start in other semesters or be cancelled as student demands dictate. If you are interested in enrolling in one of these programs, please contact the School of Nursing and Allied Health to see when the next class starts.

Tuition, Books and Fees:

To find out the current tuition fees please refer to J. Sargeant Reynolds Community College web site: www.reynolds.edu or call the School of Nursing and Allied Health at (804) 523-5375. Additional fees may apply and usually include ACLS, BTLs/PHTLS, PALS/PEPP/PPC and other agency fees. Book costs are the responsibility of the student. The instructor will inform students of the books and other learning materials needed in the syllabus for the course.

There are both written and practical examination fees associated with the Intermediate and Paramedic Programs.

Testing fees are required by the National Registry of EMTs for both the Intermediate and Paramedic Computer Based Written Examinations. The fee is \$100.00 for the Intermediate Written Examination and \$110.00 for the Paramedic Written Examination.

The Old Dominion EMS Alliance coordinates the practical examinations for the National Registry of EMTs and the Virginia Office of EMS. The practical examination fees are:

EMT-Paramedic - \$175.00

EMT-Intermediate - \$150.00

EMT-Intermediate to EMT-Paramedic Bridge - \$125.00

EMT-Enhanced - \$100.00

There is also a retesting fee of \$25.00/station (up to \$100.00) for each failed practical station.

Other fees incurred and are mandatory before the student can enter the hospitals for clinical rotations are a physical exam by your primary care doctor including immunization records and updates as necessary, a certified background check (approximately \$50 - \$100), and the purchase of FSDAP, a web-based clinical hour and competency tracking program (approximately \$80-100). The student must also purchase two JSRCC Paramedic or Intermediate Shirts. The cost of these shirts will be \$30.00 - \$40.00 each.

How to Enroll and Register:

Entrance into EMT - Paramedic program is easy. Just complete and return the enclosed J. Sargeant admission application online or obtain an application from the Access Center.

Some class sections may have restrictions or limited enrollment so check with our office if you have any questions or difficulty.

About Your Education and Training:

These programs are offered jointly with Chesterfield County Fire and EMS, Hanover County Fire/EMS, Henrico Division of Fire, the Old Dominion EMS Alliance and the Richmond Ambulance Authority. Our faculty are all certified EMS professionals and have had years of experience in the field as well as teaching. Clinical experiences are done in the real world of the hospital and with EMS agencies. You'll be part of the EMS team as you learn your skills. After completing the core EMT courses, you will be eligible to test for Commonwealth of Virginia and/or National Registry certification. After completing the general education requirements, you will be able to graduate from J. Sargeant Reynolds Community College with either a Career Studies Certificate or an Associate in Applied Sciences.

Emergency Medical Services Paramedic

Associate of Applied Science



Purpose: To prepare students to be knowledgeable, competent pre-hospital care practitioners and obtain a position at the level of an EMT – Paramedic

Mission Statement: Our mission is to offer quality EMS education that is comprehensive, innovative, affordable, accessible, and responsive to the changing needs of the EMS community.

Goal: The Goal of the J. Sargeant Reynolds Paramedic Training Program is to facilitate the student's development of cognitive and technical competencies to the entry level EMT- Paramedic.

Objectives:

1. Upon completion of the program, the student will demonstrate the ability to comprehend, apply, and evaluate the clinical information relative to his/her role as an entry level paramedic.
2. Upon completion of the program, the student will demonstrate technical proficiency in all skills necessary to fulfill the role of the entry level paramedic.
3. Upon completion of the program, the student will demonstrate personal behaviors consistent with professional and employer expectations for the entry level paramedic.

Occupational Objectives: Emergency Medical Technician – Paramedic

Admission Requirements: General college curricular admission. In order to participate in hospital and field rotations, students must obtain a physical from their doctor verifying their health status and ability to perform job functions of an EMT. Students must also pass a formal background check. The background check is mandatory for admission into the hospital for clinical. The cost for the background check could range anywhere between \$50 and \$100.

Program Notes: In addition to the general college 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 EMS Programs comply with the US Department of Transportation and the Commonwealth of Virginia EMS Rules and Regulations regarding enrollment and certification of providers.

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 [click here](#), 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, BCLS, and PALS. National Registry Advanced Life Support certification exams cost \$100 - \$110 for the written examinations and \$100 - \$175, for the practical examinations. For specific fees please refer to the previous listing. The instructor will inform students of the textbooks and other required learning materials needed in the syllabus for each course.

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	LECTURE HOURS	LAB HOURS	COURSE CREDITS
EMS 111 ^{1,2}	Emergency Medical Technician – Basic	4	4	6
EMS 112 ¹	or Emergency Medical Technician – Basic I	2	2	3
EMS 113 ^{1,2}	and Emergency Medical Technician – Basic II	2	2	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	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
ITE 115	Basic Computer Literacy	3	0	3
____ ^{3,4}	Social Science Elective	3	0	3
TOTAL		10	13	15
EMS 205 ⁵	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
____ ⁴	Health or Physical Education Elective	0-2	0-4	2
TOTAL		7-9	14-18	14
EMS 209	Advanced Pharmacology	3	2	4
____ ^{3,4}	Social 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	14	
Total Minimum Credits for AAS Degree in				

J. Sargeant Reynolds Community College

EMS PROGRAMS

EMT-P APPLICATION

General Information

Please complete this form and mail or fax it to the information supplied on the second page.

1. Name: _____
Last First M.I.

2. Social Security Number: _____ - _____ - _____ 3. DOB: ____/____/____

4. Preferred E-mail address: _____

5. Current Address: _____
Number Street Apt #

_____ State Zip
City

6. Contact Numbers:
(Please check your primary contact number)

Home: (____) ____ - _____ Work: (____) ____ - _____

Cell: (____) ____ - _____ Pager: (____) ____ - _____

7. Permanent Address (if different from above):

_____ Apt #
Number Street

_____ Zip
City State

8. Are you 18 years of age or older? No Yes (please submit a copy of your driver's license)

9. Are you currently CPR Certified? No Yes (please submit a copy of your card)

10. Are you currently EMT-Basic Certified No Yes (please submit a copy of your card)

11. Are you currently affiliated with an EMS Agency? No Yes

_____ Agency
Current Shift: (Day & time) _____

12. Did you complete high school, obtain your GED, or complete home schooling?
 No Yes (please submit documentation)

13. Academic History: Please list High School and each University attended beginning with the most recent enrollment.

(Please note: Official Transcripts must be sent from each institution listed below to JSRCC)

<u>Name & Location of Educational Institution:</u>	<u>Entered Mo/Yr:</u>	<u>Left Mo/Yr:</u>	<u>Major/Degree Year Rec'd</u>

GED: _____

14. Are you employed? No Yes

If yes, indicate employer's name and address below:

15. Type of Employment: Full-time Part-time

16. Course Information: 4 Different Programs are starting Fall 2005, 3 Daytime and 1 nighttime. Contact the EMS Programs Office for information on Class Registration

17. PROGRAM COMMITMENT:

This is a 4 Semester (16 month) Paramedic Program that will require an extensive time commitment on your part. Between class-time, studying, clinical and field rotations, you will be extremely busy for the entire program. Do you feel that you are at a point in your life and have the support of those around you that you will have the time and resources to complete the entire program and properly balance school, work and life commitments? No Yes

18. DISCLOSURE STATEMENT

J. Sargeant Reynolds Community College is granted the authority to verify any and all information pertaining to this application. I affirm that I have never been convicted of a felony involving any sexual crime. I further affirm that I have not been convicted of any other felony under the laws of this State or of the United States within the last five years. The information I have provided on the application is true and correct to the best of my ability and knowledge. I understand that furnishing false information on this application may be grounds denial for entry into or for dismissal from the J. Sargeant Reynolds Community College EMS Program.

Signature

Date

Please complete and send to:
J. Sargeant Reynolds Community College
EMS Programs – SHS/DTC
P.O. Box 85622
Richmond, VA 23285-5622
OR FAX TO (804) 786-5298

Attachments can be scanned and e-mailed, faxed or mailed to the information above.

FOR PROGRAM USE ONLY

Received ___/___/___ Placement Test Complete ENG:___ MTH:___ ELIGIBLE ACCEPTED