

## Job Outlook

According to the Bureau of Labor Statistics, employment of emergency medical technicians (EMTs) and paramedics is projected to grow 7 percent from 2018 - 2028, much faster than the average for all occupations.

**ESTIMATED SALARY:** \$34,000– \$58,640/ year

### RELATED CAREER PATHWAYS:

- ◆ Athletic training
- ◆ Chiropractors
- ◆ Dental assistants and dental hygiene
- ◆ Firefighter
- ◆ Law enforcement
- ◆ Massage therapy
- ◆ Nurse Anesthetist
- ◆ Nurse Practitioner
- ◆ Nursing (Licensed Practical and Vocational, Registered)
- ◆ Occupational therapy
- ◆ Physical therapy
- ◆ Physician
- ◆ Physician assistant
- ◆ Public Safety Communications (911 Dispatchers)
- ◆ Radiologic and MRI Technologists
- ◆ Respiratory therapy
- ◆ Surgical Technologists

## For More Information

Jessica S. Dalton, Principal  
Pittsylvania Career and Technical Center  
11700 US Hwy 29  
Chatham, VA 24531  
(434) 432-9416



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## Pittsylvania Career and Technical Center Emergency Medical Technician

### 1 Year Program

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# Emergency Medical Technician– 1 year program

9 <sup>th</sup> Grade
English 9
World History I or II
Earth Science
Algebra I or Geometry
PE9
Independent Living (8219)
Digital Applications (6611)
Elective

10 <sup>th</sup> Grade
English 10
Biology
Geometry, Algebra II, or Algebra Functions & Data Analysis
PE10
Nutrition and Wellness (8229)
Computer Information Systems (6612)
Chemistry
Elective

11 <sup>th</sup> Grade
English 11
US History
Economics & Personal Finance
Algebra Functions & Data Analysis, Adv. Algebra/Trigonometry, or Pre-Calculus

12 <sup>th</sup> Grade
English 12
US Government
Physics
Anatomy and Physiology

11 <sup>th</sup> or 12 <sup>th</sup> Grade
Semester 1: Emergency Medical Technician I (8333)
Semester 2: Emergency Medical Technician II (8334)
** Student would take 4 electives at their base school during the year they are not attending PCTC or enroll into a different 1 year program at PCTC.

## Required Pre-Requisites

- ◆ Biology

## Recommended Pre-Requisites

- ◆ Algebra I
- ◆ Anatomy and Physiology

## Dual Enrollment Credits

- ◆ EMS 112– Emergency Medical Technician I (4)
- ◆ EMS 113– Emergency Medical Technician II (3)
- ◆ HLT 105 CPR
- ◆ EMS 120– EMT– Basic Clinical (1)

## Industry Certifications

- ◆ Virginia Department of Health  
Emergency Medical Technician

## Credentials

- ◆ First Aid
- ◆ AED
- ◆ CPR

## Post Secondary Options:

- ◆ Danville Community College
- ◆ Central Virginia Community College
- ◆ Patrick Henry Community College

## Course Description

This is a 1 year course focusing on Emergency Medical Care. Students must be 16 years old on the first day of class. This course is an excellent choice for students interested in any healthcare or emergency services career, including: physician, physician assistant, nursing, nurse practitioner, physical therapy, radiology, respiratory therapy, emergency medical services (EMT and/or Paramedic), fire suppression and even law enforcement. Included in this course are supervised observation and patient care experiences with Emergency Medical Services departments. Instruction will be provided in the following areas: detailed anatomy, physiology, and pathophysiology of disease and injury; medical terminology; and therapeutic patient communication skills.

Students will learn the following: roles and responsibilities of health care providers; medical-legal implications of patient care; patient examination techniques and how to obtain a comprehensive medical history; CPR and use of an Automated External Defibrillator (AED); airway and breathing management; oxygen administration; emergency childbirth; and other first aid skills. Successful completion of the program allows the student to take national and state EMT certification examination.



\*\*Please note, in addition to Technical and Program requirements, students must complete the requirements for graduation at the base school.