

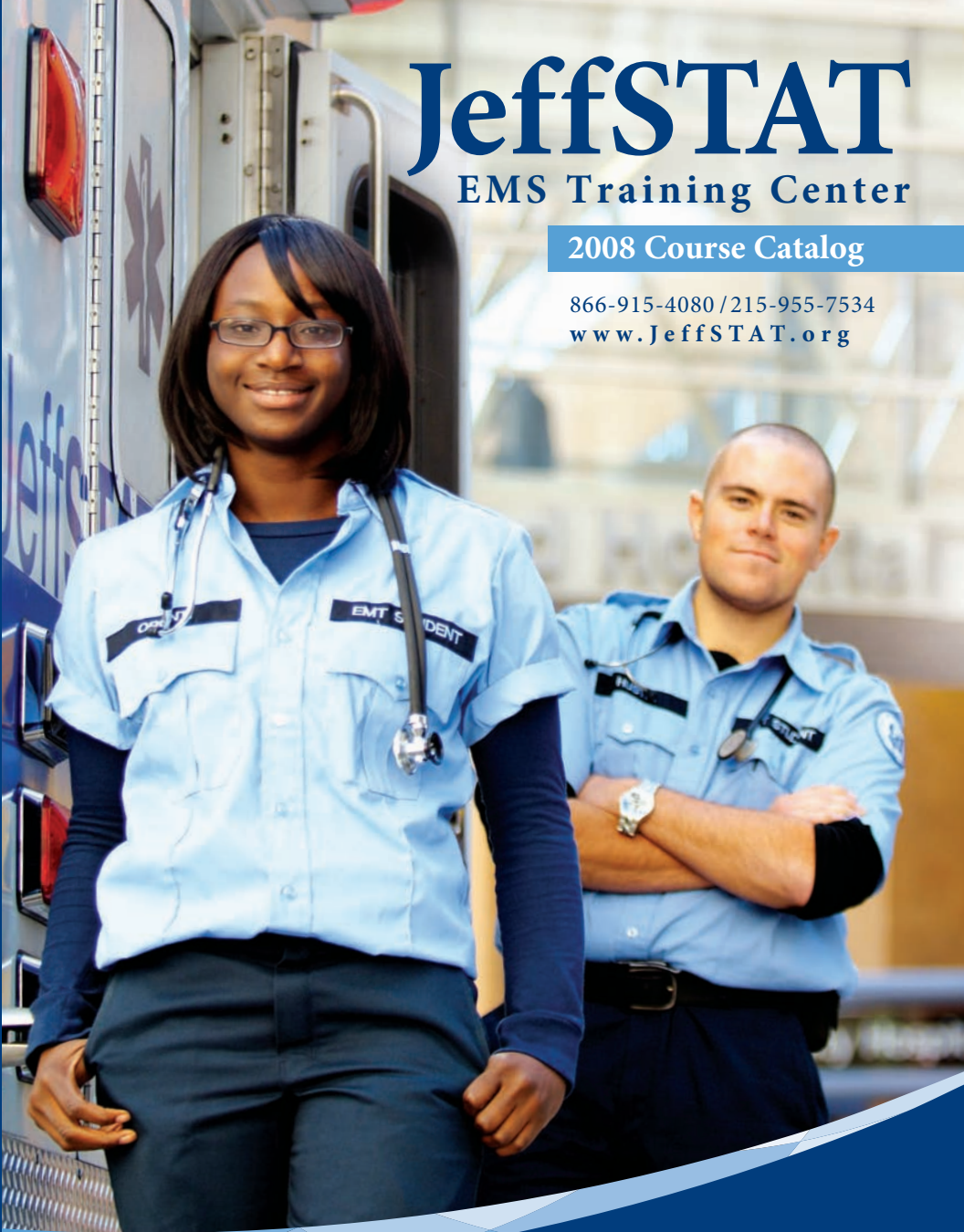
# JeffSTAT

EMS Training Center

2008 Course Catalog

866-915-4080 / 215-955-7534

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



**Jefferson**<sup>™</sup>  
University Hospitals

# About the JeffSTAT EMS Training Center

The JeffSTAT EMS Training Center provides emergency medical services training and education to healthcare providers and lay people in the Delaware Valley.

## Why JeffSTAT?

JeffSTAT is the EMS training center of Thomas Jefferson University Hospital. JeffSTAT's diverse instructional staff is comprised of physicians, nurses, paramedics, respiratory therapists, EMTs, other healthcare professionals, and guest lecturers. The JeffSTAT faculty prides itself on the high quality commitment and hands-on experience they bring to the emergency medical training field. Only JeffSTAT incorporates and guarantees additional clinical hours in its training program. And, new this semester, the JeffSTAT training center has developed the Student Mentoring Initiative (SMI), where paramedic students are paired with EMT students, furthering our commitment to quality training and career enhancement.

Our training facility is located on the Thomas Jefferson University Hospital campus in center city, Philadelphia. Courses are also offered at several locations in the surrounding area. Custom programs are available at client locations when desired. The JeffSTAT EMS Training Center, its faculty, and all programs are accredited by the Pennsylvania Department of Health and the American Heart Association. **For further information visit our website at [www.JeffSTAT.org](http://www.JeffSTAT.org) or call 866-915-4080/215-955-7534.**

## Our Faculty

The JeffSTAT EMS training faculty takes great pride on its revered and accomplished history in bringing their innovative, committed, and seasoned experiences to the emergency medical services field. Our faculty presents these ideals in a team-spirited, goal-oriented, and proactive environment. They truly understand that today's EMS students are tomorrow's life savers.



I want to make a positive difference in peoples lives with new and different challenges. JeffSTAT offers the skills I'll need to feel confident to become a capable and effective EMT.

— Ben Hustis, EMT Student '07

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To view course dates and times or to register, visit our website!

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

# Emergency Medical Technician

The Emergency Medical Technician (EMT) training course is designed to prepare participants to provide basic emergency medical care to sick and injured patients. EMTs perform skills such as patient assessment, bandaging, oxygen administration, splinting, and spinal immobilization. EMTs provide medical care in a variety of settings, including hospitals, emergency ambulance services, non-emergency transport services, and other public safety organizations such as police, fire departments, and security agencies.

The EMT program is 200 hours in duration and consists of lectures, hands on practical demonstrations, and field clinical time in a hospital or on an ambulance. Students are required to take written and practical examinations during the course to demonstrate their ability to provide proper emergency care. Upon successful completion of the JeffSTAT EMT course, students will be eligible to take the State written and practical examinations. Upon passing these examinations, students will receive certification as an EMT from the Pennsylvania Department of Health. This certification is valid for a period of three years.

## Prerequisites

Students must be 16 years of age or older to enroll in the course. The student must take a pretest during the admission process, measuring your ability to write clearly and read English. Also, a complete criminal background check is required prior to admission.

## 2008 Dates

**Full time, 8-week sessions run from 9 am to 4 pm, Monday through Thursday.**

Sessions begin: January 14, March 10, May 5, June 30, August 25, October 20, and December 15.

**Part time, 10-week sessions run from 6 pm to 10 pm, Monday through Thursday.**

Sessions begin: January 14, March 24, June 2, August 11, and October 20.

## Tuition: \$1,000.00

(\$850.00 + \$150.00 registration fee. Textbooks and other materials not included.)



After much research I decided that JeffSTAT would be the best place for me. I haven't been let down. The instructors not only love what they do, but are enthusiastic in sharing their experiences with the students.

— Omorinsola Oronti, EMT Student '07

# Emergency Medical Technician – Online Course

The Emergency Medical Technician – Online Course provides the basic knowledge for course participants to provide emergency care to a sick or injured victim. The difference is that you can learn the information you would in a classroom on your time and in a relaxed environment.

The online classroom provides the course participant with Power Point™ presentations, the ability to communicate with other students, and to take your tests and quizzes online. The distance learning education platform can be accessed from any computer with an internet connection.

Each student is required to participate in practical skills sessions to prepare you for your state exam. Once a week the instructor will designate a day that will require the course participant to come in and be shown how to perform skills in:

- Patient assessment
- Bandaging
- Oxygen administration
- Splinting
- Spinal immobilization

Students are required to take written and practical examinations during the course to demonstrate their ability to provide proper emergency care. The course participant is also required to perform clinical time, which will be scheduled at the conclusion of the program. Upon successful completion of the online EMT program, course participants will be eligible to take the State of Pennsylvania written and practical exam. Upon passing the two portions of the State exam, students will receive their certification as an EMT from the Pennsylvania Department of Health.

## Prerequisites

Students must be 16 years of age or older to enroll in the course and have access to a computer with an internet connection. The student must take a pretest during the admission process, measuring your ability to write clearly and read English. Also, a complete criminal background check is required prior to admission.

## 2008 Dates

**Online courses are 10 weeks in duration.** Sessions begin: March 3 and September 8.

## Tuition: \$1,050.00

(\$900.00+ \$150.00 registration fee. Textbooks and other materials not included.)

# Paramedic

**Division 1:** As a premier pre-hospital patient advocate you will learn the history of EMS, how the **Paramedic's role** is changing and evolving, ethical considerations and the role EMS systems play in the USA. Also covered in division 1, death in the field, documentation of the human body, disease and reactions of the human body, life span development, and medications and their administration.

**Division 2: Airway management** is a critical component of the paramedic curriculum. During this division you will learn airway management from the simple procedures of oral airway insertion to the use of adjuncts including the CombiTube, Laryngeal Mask Airway, and direct laryngoscopy for endotracheal tube placement. Needle and surgical airways will also be discussed and practiced.

**Division 3:** Let's talk to our patients! In division 3 we will cover physical exams, history gathering techniques, **clinical decision-making, and communications** with the challenged patient, writing all of the history into a clean and concise legal patient care report.

**Division 4:** Trauma is the leading cause of death in the 1 year to 35-year-old age group. In this division we will examine **trauma systems, assessment, and management** of the traumatic patient including burns, head and spinal trauma, soft tissue, blunt and penetrating trauma, hemorrhage and shock, thoracic and abdominal trauma, and musculoskeletal injuries. You will receive **Pre-Hospital Trauma Life Support** credentialing from the National Association of EMTs upon successful completion.

**Division 5:** As the Baby Boomer Generation matures it is expected that the EMS call volumes for medical related calls will sky rocket. In division 5 we will look at **respiratory disorder** evaluation and treatment, **cardiac system management** including EKG interpretation, neurology, endocrinology, allergies and anaphylaxis, gastroenterology and urology, toxicology, hematology, environmental, **obstetric and gynecological issues.**

**Division 6:** Here in **Special Considerations** we learn to deal with a variety of issues and special circumstances, including care of the **neonate, pediatric, geriatric, abused, or chronically ill patient.**

**Division 7:** In this division, the **Assessment Based Management** Division, you will utilize your knowledge and skills to develop a working field diagnosis and management for the patient. A variety of specialty services offered at Philadelphia area premiere hospitals welcome you as a student into one of the most challenging portions of the program. With guidance from your paramedic program coordinators and instructors, you are scheduled in a variety of clinical rotations, such as the Emergency Department at Thomas Jefferson University Hospital, ICU/CCU, airway management in the Operating Room, the burn unit, Med/Surg units, Labor and Delivery and various other specialty units across the area.

**Division 8:** Here in division 8 you are now ready to **experience EMS in action**. Placed with a well-seasoned paramedic, you are treating real emergency patients in the pre-hospital setting. Your preceptor will carefully guide you through the process of establishing patient rapport, history gathering, protocol driven treatment and critical thinking to save a life. **Ambulance operations** are also discussed as well as **hazardous materials**, weapons of mass destruction, crime scene awareness, special rescue operations, and terrorist incidents. Here at JeffSTAT we have one of the country's foremost training centers on weapons of mass destruction. Geriatric Education for Emergency Medical Services credentialing will be awarded. **PALS and ACLS certifications** will be awarded with successful completion.

**Field Internship:** Field internships are provided with area 911 providers where experienced preceptors guide you in treating patients.

## Prerequisites

Current EMT-Basic Certification, Current CPR for the Healthcare Provider, High School Diploma or equivalent, Criminal History Verification Required, EMT-B, Math and English Competencies.

## 2008 Dates

**Full time, 13-month course runs from 9 am to 4 pm, Monday, Tuesday, and Thursday.**  
Course begins: September 15.

**Part time, 18-month course runs from 6 pm to 10 pm, Monday, Tuesday, and Thursday.**  
Course begins: September 2.

## Tuition: \$11,000.00

(\$10,400.00 + \$600.00 registration fee. Textbooks and other materials not included.)



JeffSTAT gave me the knowledge, skills and confidence to enter the ALS workforce with great ease and made the process of receiving reciprocity for my New Jersey certification very simple.

— Michael Tisa, Paramedic Graduate '03  
2007 New Jersey Paramedic of the Year

# EMT Refresher Course

The JeffSTAT EMS Training Center EMT-B refresher curriculum is designed to provide the PA EMT-B with six modules that are required for recertifying the course participants PA State certification. This program consists of 24 classroom hours providing information in the following six modules:

- Preparatory
- Airway
- Patient assessment
- Medical/behavioral
- Trauma
- Obstetrics, infants and children

The refresher course is competency based. EMTs who successfully complete this must demonstrate competency of the knowledge and skills outlined in this refresher education program.

## Prerequisites

Current or prior EMT-B Certification.

**Tuition: \$275**

(Textbooks not included.)

## 2008 Dates

Each 3-day session runs from 8 am to 4 pm.

Sessions begin: January 4, April 4, August 1, and December 5.

# Paramedic Refresher Course

This course is designed to review the core curriculum of the paramedic program in accordance with the Department of Transportation standards. It will meet the 48 hour National Registry refresher requirements (section 1A) for currently certified Nationally Registered Paramedics and the refresher course requirements for individuals wishing to take the National Registry certification examination for the first time. A certification examination will be scheduled in the region after the course is completed.

## Curriculum

- Airway/ventilation management
- Cardiovascular
- Medical
- Trauma
- Pediatrics
- Operations

## Prerequisites

Current paramedic certification or successful completion of an approved paramedic training program.

**Tuition: \$400**

(Textbooks not included.)

## 2008 Dates

Each session runs 5 consecutive Wednesdays from 8:30 am to 5 pm.

Sessions begin: February 13 and October 15.

# Pre-Hospital Registered Nurse Training Program

The Pre-Hospital Registered Nurse Training Program (PHRN) prepares the Registered Nurse (RN) accustomed to practicing in a controlled hospital environment to practice in an autonomous, uncontrolled, out of hospital setting. PHRNs usually practice in an emergency medical services system or in a ground or air critical care transport program. PHRNs provide nursing care under the guidance of a pre-determined set of treatment protocols approved by a system medical director.

The PHRN training program is 138 hours in duration and includes lectures, practical hands on skill training sessions, and clinical experiences. The PHRN program is fast paced and is intended to build upon the existing knowledge of the experienced RN. Students enrolled in the program will be required to complete clinical time in a hospital operating room and participate in a field internship with a local EMS provider. Upon successful completion of the course, students will qualify to take the Pennsylvania Department of Health EMT practical examination and National Registry evaluation examination. The Pennsylvania Department of Health will issue certification to those students who pass both the practical and written examinations. The PHRN certification is permanent, however PHRNs are required to complete a minimum of 18 hours of continuing education credits annually to maintain this certification.

## Curriculum

The curriculum follows the National Highway Traffic Safety Administration US-DOT standards, PA EMS Standards and the Pennsylvania Emergency Health Services Council (PEHSC) recommendations.

## Prerequisites

- 3-5 years experience as a registered nurse in a critical care unit, emergency department, or ground or air critical care transport program
- Current certification in basic cardiac life support (CPR), advanced cardiac life support (ACLS), pediatric advanced life support (PALS), and pre-hospital trauma life support (PHTLS).
- Successful completion of a written pre-admission test
- Completion of a nursing experience assessment (self assessment form)

## 2008 Dates

**Each session runs 9 consecutive Tuesdays from 8 am to 4 pm.**

Sessions begin: January 15 and September 16.

## Tuition: \$1000.00

(\$900.00 + \$100.00 registration fee. Textbooks not included.)

# Pre-Hospital Trauma Life Support

Pre-Hospital Trauma Life Support (PHTLS) is a continuing education program for EMS providers developed by the National Association of Emergency Medical Technicians in cooperation with the American College of Surgeons. The course focuses on trauma patients in the prehospital environment and how to identify, manage, and transport these patients with the highest level of care. The course includes didactic training in topics such as the kinematics of injury, rapid patient assessment, and pathophysiology. It also includes skill stations with procedures such as rapid extrication, airway management and ventilation, spinal immobilization, and pediatric assessment. Pennsylvania EMS providers will receive 16 hours of continuing education credit upon successful completion of this course.

## Prerequisites

EMT-B, EMT-P, RN or physician.

**Tuition: \$275.00**

(Textbooks not included.)

## 2008 Dates

Each 2-day session (Saturday and Sunday) runs from 7:30 am to 5:30 pm.

Sessions begin: March 8 and September 27.

# CPR: Basic Life Support for the Healthcare Provider

The Basic Cardiac Life Support CPR course provides you with the skills to save a life of a friend, co-worker, citizen in the community or patient in an acute care setting in a life threatening emergency such as cardiac arrest, respiratory arrest, or foreign body airway obstruction. With these skills the healthcare provider will be able to provide the first three links in the chain of survival.

## Curriculum

- Chain of survival
- Recognition of a stroke and heart attack
- CPR in adult, child, and infants
- Steps to relieve a foreign body airway obstruction (choking)
- Rescue breathing
- Use of barrier devices
- Practical and written skills testing

## Prerequisites

**Recert students:** Valid CPR Healthcare Provider card. Textbook required.

**Tuition: \$75.00**

(Textbooks not included.)

## 2008 Dates

Please visit our website for course dates and times.

# Advanced Cardiac Life Support

The Advanced Cardiac Life Support (ACLS) provider course is designed to train healthcare professionals in the management of patients with acute cardiac illnesses. Participants will receive instruction in the following: management of airway and ventilation, dysrhythmia recognition and cardiac monitoring, synchronized cardioversion and defibrillation, pharmacology, management of acute MI and stroke, and advanced management of patients in cardiac arrest. This course is taught according to the standards of the American Heart Association (AHA).

The provider course consists of two consecutive 8-hour days. Pennsylvania certified pre-hospital providers will receive 16 hours of continuing education credits for the provider course or 8 hours for the recertification course. Upon successful completion, participants will receive a certification card valid for two years.

## Prerequisites

In accordance with the new AHA guidelines all participants must obtain and bring the following items listed below to the ACLS course. Failure to bring any item will prohibit your entry into the ACLS course. All three of these items must be presented upon registration.

### All students:

- A certificate of completion from the ACLS pre-test, which can be found in your 2007 textbook on CD. There is a 60 question pre-test which you must obtain an 84% or higher to be eligible to participate in an ACLS course. Once you have passed the pre-test you must print your certificate and present it upon registration.
- Each participant must bring a completed, signed, and dated AHA ACLS Pre-Course Preparation Checklist. This can also be found in your 2007 ACLS textbook and must be presented upon registration.
- A copy of or your current CPR – BLS for the Healthcare Provider certification

### Recertification students:

- A copy of or your current ACLS – Provider certification

## Books

All students are required to bring the 2007 AHA Provider manual.

## 2008 Dates

Please refer to [www.JeffSTAT.org](http://www.JeffSTAT.org) for course dates and times.

**Tuition:** initial course: \$225.00; recertification course: \$175.00  
(Textbooks not included.)

# Pediatric Advanced Life Support

The Pediatric Advanced Life Support (PALS) training course is designed to prepare participants to provide advanced life support care to pediatric patients. Participants will receive training in specific skills including airway management and ventilation, vascular access, pediatric fluid therapy and pharmacology, cardiac disturbances, trauma resuscitation, and newborn resuscitation.

## Traditional 2-Day Course

This program will consist of two consecutive 8-hour days. PA certified pre-hospital providers will receive 16 hours of Continuing Education credits for the full course or 8 hours for the recertification course.

The traditional and accelerated courses will alternate. Recertification can only be obtained through the traditional 2-day course. Please see our website for the course length.

## Prerequisites

In accordance with the new AHA guidelines all participants must obtain and bring the following items listed below to the PALS course. Failure to bring any item will prohibit your entry into the PALS course. All three of these items must be presented upon registration.

### All students:

- A certificate of completion from the PALS pre-test, which can be found in your 2007 textbook on CD. There is a 60 question pre-test which you must obtain an 84% or higher to be eligible to participate in an PALS course. Once you have passed the pre-test you must print your certificate and present it upon registration.
- Each participant must bring a completed, signed, and dated AHA PALS Pre-Course Preparation Checklist. This can also be found in your 2007 PALS textbook and must be presented upon registration.
- A copy of or your current CPR – BLS for the Healthcare Provider certification

### Recertification students:

- A copy of or your current PALS – Provider certification

## Books

The American Heart Association requires students to have a PALS textbook in order to be admitted to the course.

## 2008 Dates

Please refer to [www.JeffSTAT.org](http://www.JeffSTAT.org) for course dates and times.

**Tuition:** initial course: \$225.00; recertification course: \$175.00  
(Textbooks not included.)

# Instructor Programs

After completion of the classroom portion, the instructor candidate will be monitored by one of our experienced educators within ninety days of the course date. Once you have satisfactorily completed all modules of the instructor program, you will be presented with an instructor course completion card. All participants are expected to have a thorough understanding at the provider level and must be able to demonstrate your skills proficiently.

## Requirements

### Advanced Cardiac Life Support

- Valid ACLS & CPR provider card
- 1 letter of reference from current instructor or training center
- Knowledge of basic and advanced airway adjuncts
- Knowledge in arrhythmia recognition
- Be able to demonstrate synchronized cardioversion, defibrillation, and pacing
- Knowledge of pharmacology for cardiac care
- Management of acute MI and stroke
- Management of bradycardic and tachycardic patients
- Present a ten-minute lecture on assigned topic to your classmates
- Be able to successfully pass all practical and written skills

### Pediatric Advanced Life Support

- Valid PALS & CPR provider card
- 1 letter of reference from current instructor or training center
- Knowledge of airway management in pediatric victims
- Knowledge of airway management in a pediatric patient
- Steps in neonatal resuscitation
- Demonstrate techniques in obtaining IV access
- Knowledge of all special case scenarios
- Present a ten-minute lecture on assigned topic to your classmates
- Be able to successfully pass all practical and written skills

### Basic Cardiac Life Support

- Valid CPR Provider card
- 1 letter of reference from current instructor or training center
- Knowledge of all CPR course guidelines
- Be able to successfully complete all skills stations
- Present a five-minute lecture on assigned topic to your classmates
- Be able to successfully pass all practical and written skills

**Tuition: \$375.00** (includes textbooks)

## 2008 Dates

Please visit our website for course dates and times.

# Basic EKG Interpretation

This course is designed to provide a basic overview of rhythm interpretation for any healthcare professional that is enrolled in an ACLS course. Special emphasis will be placed on basic EKG interpretation, including the most common rhythms encountered in the ACLS program and incorporating memory aids into your ability to interpret rhythms. This course is designed for both the beginner and the “seasoned pro” who just wants a refresher.

## Prerequisites

Must be currently enrolled in an ACLS course.

**Tuition:** \$50.00 (Textbooks not included.)

## 2008 Dates

Please refer to [www.JeffSTAT.org](http://www.JeffSTAT.org) for course dates and times.



After retiring from Philadelphia's Department of Recreation, I wanted to start a second career and make a contribution. I chose JeffSTAT because of its reputation and association with Jefferson.

— Ken Conwell, EMT Student '07

Financial assistance is available for JeffSTAT programs. Contact us for more information.



For more information or to register, visit our website!

**[www.JeffSTAT.org](http://www.JeffSTAT.org)**

215-955-7534 / 866-915-4080

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Emergency Medical Services  
Training Center

*Providing Excellence in EMS Education*



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*The JeffSTAT EMS Training Center is an American Heart Association Authorized Training Center and accredited by the Pennsylvania Department of Health.*