

# EMERGENCY MEDICAL TECHNOLOGY

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## Program Information

Emergency medical technicians (EMTs) and paramedics care for the sick or injured in emergency medical settings. People's lives often depend on the quick reaction and competent care provided by these workers. EMTs and paramedics respond to emergency calls, performing medical services and transporting patients to medical facilities.

**Graduates are eligible to take the National Registry of Emergency Medical Technician's exam to become certified or licensed as a paramedic. Students who complete the EMT Basic courses (EMSP-1501 Emergency Medical Technician & EMSP-1160 EMT Basic Clinical) are eligible to take the National Registry of Emergency Medical Technician's exam to become certified as an EMT.**

The EMS program is accredited by the Commission on Accreditation of Allied Health Education Programs ([www.caahep.org](http://www.caahep.org) (<http://www.caahep.org>)) upon the recommendation of the Committee on Accreditation of the Educational Programs for the Emergency Medical Services Professions (CoAEMSP).

*Commission on Accreditation of Allied Health Education Programs*  
 25400 US Highway 19 N., Suite 158,  
 Clearwater, Fl. 33763  
 727-210-2350  
[www.caahep.org](http://www.caahep.org) (<http://www.caahep.org>)

*To contact CoAEMSP:*  
 8301 Lakeview Parkway, Suite 111-312  
 Rowlett, TX 75088  
 214-703-8445; Fax 214-703-8992  
[www.coaemsp.org](http://www.coaemsp.org) (<http://www.coaemsp.org>)

**Note: Criminal history may disqualify individuals from obtaining or maintaining EMS certifications.**

The Texas Health & Human Services (Department) reviews an applicant's and/or certified/licensed EMS personnel criminal background to determine eligibility for EMS certification. Certain offenses will prevent an individual from receiving an EMS certification in Texas or result in the revocation of an EMS certificate or license.

Any person that has been convicted of, placed on deferred adjudication community supervision, or deferred disposition for any of the criminal offenses listed on the TDSHS website (<https://www.dshs.texas.gov/emstraumasystems/qicriminal.shtm>) are **not** qualified to obtain or maintain an EMS certification.

To obtain a determination of certification eligibility based on a criminal background history, a petitioner should submit a fully completed Department Petition for EMS Criminal

History Pre-Screening form for EMS personnel along with the required fee and completion of a Texas Fingerprint Service Code based background check. The Petition for EMS Criminal History Pre-Screening form and the Texas Fingerprint Service Code form are available at [www.dshs.state.tx.us/emstraumasystems/formsresources.shtm](http://www.dshs.state.tx.us/emstraumasystems/formsresources.shtm) (<http://www.dshs.state.tx.us/emstraumasystems/formsresources.shtm>). Most evaluations are completed within three to six months.

Questions regarding the criminal history review process should be directed to THHS criminal background investigators at (512) 834-6700.

- Emergency Medical Technology AAS Degree ([coursecatalog.tvcc.edu/pathways/health-sciences/emergency-medical-technology/emergency-medical-technology-aas/](http://coursecatalog.tvcc.edu/pathways/health-sciences/emergency-medical-technology/emergency-medical-technology-aas/))
- Emergency Medical Technology Certificate ([coursecatalog.tvcc.edu/pathways/health-sciences/emergency-medical-technology/emergency-medical-technology-certificate/](http://coursecatalog.tvcc.edu/pathways/health-sciences/emergency-medical-technology/emergency-medical-technology-certificate/))
- Emergency Medical Technology OSA ([coursecatalog.tvcc.edu/pathways/health-sciences/emergency-medical-technology/emergency-medical-technology-osa/](http://coursecatalog.tvcc.edu/pathways/health-sciences/emergency-medical-technology/emergency-medical-technology-osa/))
- RN-to-Paramedic Enhanced Skill Certificate ([coursecatalog.tvcc.edu/pathways/health-sciences/emergency-medical-technology/rn-to-paramedic-enhanced-skill-certificate/](http://coursecatalog.tvcc.edu/pathways/health-sciences/emergency-medical-technology/rn-to-paramedic-enhanced-skill-certificate/))

**EMSP-1160. EMT Basic Clinical. (1 Credit)**

This course is taken for academic credit. Students will earn an A, B, C, D, F, or W. A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills and concepts. Direct supervision is provided by the clinical professional. Upon successful completion of EMSP 1501 and 1160 and Texas Department of State Health Services (TDSHS) requirements, the student will be eligible to take the Basic Emergency Medical Technician certification examination. Lab Fee \$84 includes professional liability insurance, drug screening and scheduling package.

**EMSP-1261. Paramedic Clinical I. (2 Credits)**

This course is taken for academic credit. Students will earn an A, B, C, D, F, or W. A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills and concepts. Direct supervision is provided by the clinical professional. Lab fee \$85 includes skills tracker and scheduling package.

**EMSP-1338. Introduction to Advanced Practice. (3 Credits)**

This course is taken for academic credit. Students will earn an A, B, C, D, F, or W. Fundamental elements associated with emergency medical services to include preparatory practices pathophysiology, medication administration and related topics. Lab fee \$105 includes exam prep package.

**EMSP-1355. Trauma Management. (3 Credits)**

This course is taken for academic credit. Students will earn an A, B, C, D, F, or W. Knowledge and skills in the assessment and management of patients with traumatic injuries. Lab fee.

**EMSP-1356. Patient Assessment & Airway Management. (3 Credits)**

This course is taken for academic credit. Students will earn an A, B, C, D, F, or W. Knowledge and skills required to perform patient assessment, airway management and artificial ventilation. Lab fee.

**EMSP-1501. Emergency Medical Technician. (5 Credits)**

This course is taken for academic credit. Students will earn an A, B, C, D, F, or W. Preparation for certification as an Emergency Medical Technician (EMT). Lab fee.

**EMSP-2143. Assessment Based Management. (1 Credit)**

This course is taken for academic credit. Students will earn an A, B, C, D, F, or W. A summative experience covering comprehensive, assessment-based patient care management for the paramedic level. Lab fee \$160 includes national registry exam registration and lab fees.

**EMSP-2330. Special Populations. (3 Credits)**

This course is taken for academic credit. Students will earn an A, B, C, D, F, or W. Knowledge and skills necessary to assess and manage ill or injured patients in diverse populations to include neonatology, pediatrics, geriatrics and other related topics. Lab fee.

**EMSP-2434. Medical Emergencies. (4 Credits)**

This course is taken for academic credit. Students will earn an A, B, C, D, F, or W. Knowledge and skills in the assessment and management of patients with medical emergencies, including medical overview, neurology, gastroenterology, immunology, pulmonology, urology, hematology, endocrinology, toxicology and other related topics.

**EMSP-2444. Cardiology. (4 Credits)**

This course is taken for academic credit. Students will earn an A, B, C, D, F, or W. Assessment and management of patients with cardiac emergencies. Includes single and multi-lead ECG interpretation. Lab fee.

**EMSP-2461. Paramedic Clinical II. (4 Credits)**

This course is taken for academic credit. Students will earn an A, B, C, D, F, or W. A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills and concepts. Direct supervision is provided by the clinical professional. Lab fee \$13 includes professional liability insurance.

**EMSP-2462. Paramedic Clinical III. (4 Credits)**

This course is taken for academic credit. Students will earn an A, B, C, D, F, or W. A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills and concepts. Direct supervision is provided by the clinical professional.

**EMSP-2463. Clinical/RN to Paramedic. (4 Credits)**

This course is taken for academic credit. Students will earn an A, B, C, D, F, or W. A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. Lab fee \$137 includes professional liability insurance, drug screening, and scheduling and skills tracking package.

**EMSP-2553. Emergency Medical Services Certification for Health Care Professionals. (5 Credits)**

This course is taken for academic credit. Students will earn an A, B, C, D, F, or W. An equivalency course for Emergency Medical Services (EMS) certification under Texas Administrative Code for EMS Personnel Certification. Lab fee.

A grade of C or better is required in all EMT courses.

Students must meet current hepatitis B and other vaccination requirements prior to starting EMT clinical courses. See brochure at [www.tvcc.edu/Health-Science-Center](http://www.tvcc.edu/Health-Science-Center) (<http://www.tvcc.edu/Health-Science-Center/>) for current requirements.

**Summary (<https://www.bls.gov/ooh/healthcare/emts-and-paramedics.htm>)**

2018 Median Pay: \$34,320 per year; \$16.50 per hour

Typical Entry-Level Education: Postsecondary non-degree award

Work Experience in a Related Occupation: None

On-the-job Training: None

Number of Jobs, 2018: 262,100

Job Outlook, 2018-28: 7% (Faster than average)

Employment Change, 2018-28: 18,700

**What EMTs and Paramedics Do (<https://www.bls.gov/ooh/healthcare/emts-and-paramedics.htm#tab-2>)**

Emergency medical technicians (EMTs) and paramedics respond to emergency calls, performing medical services and transporting patients to medical facilities.

**Work Environment (<https://www.bls.gov/ooh/healthcare/emts-and-paramedics.htm#tab-3>)**

Most EMTs and paramedics work full time. Their work can be physically strenuous and stressful, sometimes involving life-or-death situations.

**How to Become an EMT or Paramedic (<https://www.bls.gov/ooh/healthcare/emts-and-paramedics.htm#tab-4>)**

Emergency medical technicians (EMTs) and paramedics typically complete a postsecondary educational program. All states require EMTs and paramedics to be licensed; requirements vary by state.

**Pay (<https://www.bls.gov/ooh/healthcare/emts-and-paramedics.htm#tab-5>)**

The median annual wage for EMTs and paramedics was \$34,320 in May 2018.

**Job Outlook (<https://www.bls.gov/ooh/healthcare/emts-and-paramedics.htm#tab-6>)**

Employment of emergency medical technicians (EMTs) and paramedics is projected to grow 7 percent from 2018 to 2028, faster than the average for all occupations.

Emergencies, such as car crashes, natural disasters, and acts of violence, will continue to require the skills of EMTs and paramedics.

### State & Area Data (<https://www.bls.gov/ooh/healthcare/emts-and-paramedics.htm#tab-7>)

Explore resources for employment and wages by state and area for EMTs and paramedics.

### Similar Occupations (<https://www.bls.gov/ooh/healthcare/emts-and-paramedics.htm#tab-8>)

Compare the job duties, education, job growth, and pay of EMTs and paramedics with similar occupations.

### More Information, Including Links to O\*NET (<https://www.bls.gov/ooh/healthcare/emts-and-paramedics.htm#tab-9>)

Learn more about EMTs and paramedics by visiting additional resources, including O\*NET, a source on key characteristics of workers and occupations.

### SUGGESTED CITATION:

Bureau of Labor Statistics, U.S. Department of Labor, Occupational Outlook Handbook, EMTs and Paramedics, on the Internet at <https://www.bls.gov/ooh/healthcare/emts-and-paramedics.htm> (visited *March 08, 2020*).

TVCC has partnered with Career Coach (<https://tvcc.emsicc.com/?radius=&region=10%20Mile%20Radius%20from%20Athens%2C%20TX>) for students to discover majors and in-demand careers and education based on your interests!

- Career Assessment Profiler
- Interactive Career Catalog
- Browse TVCC's Pathways

Some careers in this field will require a bachelor's degree.

- TVCC's AA degrees are fully transferable to public universities in Texas. See an academic advisor or TVCC's university transfer webpage (<https://www.tvcc.edu/Advisement/Category.aspx?z=72>) for more information on this transfer opportunity.
- Many of TVCC's AAS degrees lead to an online Bachelor of Applied Arts and Sciences (BAAS) degree with participating universities. See an academic advisor or the BAAS transfer website (<https://www.ntxccc.org/pathways/>) for more information on this transfer opportunity.