EMERGENCY MEDICAL TECHNOLOGY

This program is a Selective Program. Application requirements are included in the description below.

Emergency Medical Technology

The Emergency Medical Technology program prepares students to deliver out-of-hospital emergency care at the scene of a medical or trauma emergency. A student graduating with an EMT Certificate or Associate of Applied Science degree will be prepared to fill positions of EMT Basic, EMT Advanced, and EMT Paramedic. Emergency Medical Technicians serve in the pre-hospital setting as vital members to the healthcare team, with entry level competency. They use their medical knowledge and skills to relieve suffering and reduce injury severity and death.

EMT Basic Certificate

Instruction at the basic level serves as a foundation for the upcoming Emergency Medical Technician. This entry-level certificate introduces the general anatomy and physiology of the human body and how medical or traumatic conditions may affect a patient subjected to these life-threatening conditions. The students will learn the appropriate patient assessments by performing lifesaving procedures such as cardiac arrest management, oxygen administration, spinal motion restriction, bandaging, splinting, and medication administration as defined by the National EMT Basic Standard Curriculum. Upon completion of this course students will be eligible to take the National Registry (NREMT) Basic exam administered by a Pearson Vue authorized examination site. Students gaining certification through the National Registry will be able to then apply to the Texas Department of State Health Services for their state of Texas EMT Basic Certification.

EMT Advanced Certificate*

At the EMT Advanced level students will continue to use the foundation they learned as an EMT Basic. The EMT Advanced level requires the student to be certified at the EMT Basic level either through the National Registry of Emergency Medical Technicians or the Texas Department of State and Health Services. Students will study in depth patient assessment, anatomy and physiology of the human body systems. They will then practice and perform advanced invasive lifesaving procedures such as intravenous (IV) administration and endotracheal intubation.

Upon Completion of this course students will be eligible to take the National Registry (NREMT) AEMT exam administered by a Pearson Vue authorized examination site. Students gaining certification through the National Registry will be able to then apply to the Texas Department of State Health Services for their state of Texas Advanced EMT Certification.

*Revised award title pending approval from THECB, SACSOC and Department of Education.

EMT Paramedic Certificate

This is the highest level an EMT student can achieve within the EMT Program. Must be EMT Basic certified by the Texas Department of State and Health Services or National Registry. The paramedic level requires the student to be certified at the EMT Basic level either through the National Registry of Emergency Medical Technicians or the Texas Department of State and Health Services. The paramedic student will concentrate on a comprehensive patient assessment and learn advanced medical skills such as electrocardiogram interpretations and treatments of emergent conditions associated with specific interpretations that may indicate a life threatening condition. The student will learn to administer the most current trends in pharmacological treatments in certain medical conditions as recommend by the American Heart Association Advanced Cardiac Life Support and their Pediatric Advanced Life Support guidelines.

Upon completion of this course, students are prepared for both the didactic and psychomotor National Registry certification exams (didactic & psychomotor) at the Paramedic level. Students will be eligible to take the National Registry (NREMT) Paramedic exam administered by a Pearson Vue authorized examination site. Students gaining certification through the National Registry will be able to then apply to the Texas Department of State Health Services for their state of Texas Paramedic certification or license (EMT Associate of Applied Science required). Once certified or license by the Texas Department of State Health Services, students may be employable in many settings such as hospital emergency rooms, industrial sites, air ambulances, private EMS providers, public EMS providers, city fire departments, and special rescue groups.

EMT Associate of Applied Science

The EMT Associate of Applied Science degree has the following academic course requirements in addition to the BIOL 2401 Anatomy and Physiology I & BIOL 2402 Anatomy and Physiology II. They are ENGL 1301 Composition I, a Humanities Elective, PSYC 2301 General Psychology or PSYC 2314 Lifespan Growth and Development. Courses taken for the certificate program may be applied toward completion of the two-year Associate of Applied Science Degree in Emergency Medical Technology.

Upon completion of the degree, students are prepared for both the didactic and psychomotor National Registry certification exams (didactic & psychomotor) at the Paramedic level. Students will be eligible to take the National Registry (NREMT) Paramedic exam administered by a Pearson Vue authorized examination site. Students gaining certification through the National Registry will be able to then apply to the Texas Department of State Health Services for their state of Texas Paramedic license.

Application Requirements

All applicants must

A. Participate in the Prospective Student Information Session. For the session schedule, access the information online at http://nah.southtexascollege.edu.
B. Be admitted to the college as a high school graduate or GED equivalent, except for dual credit students.
C. Paramedic Certificate or AAS Degree Option: Meet TSI College Readiness Standards, or meet TSI exemption standards.
D. Earn a minimum cumulative GPA of 2.0 on a 4.0 scale for all courses completed at STC or, if currently a high school student, a minimum cumulative GPA of 2.0 on a 4.0 scale on the high school transcript.
E. Be 18 years of age to be eligible for certification by the Texas Department of State and Health Services or National Registry.
F. Hold a valid Texas Driver's License or Texas ID.
G. Pass a criminal background check, 10-panel drug screen through approved providers, and...
complete all required immunizations including Hepatitis B series.
H. Submit a completed program application.
I. Meet the technical standards of the program.

Program Application
Program applications are available from EMT faculty and will be discussed and completed during advisement prior to registration. Please contact the EMT Program office at 956-872-3178 for additional information.

NOTE: Please see program web page for additional information regarding the application process at http://nah.southtexascollege.edu/emt/.

Graduation Requirements
To earn the Emergency Medical Technology Certificate or Associate of Applied Science Degree, a student must meet all college graduation requirements and complete all coursework as prescribed in the degree plan with a minimum grade of “C”.

Advisory Committee Members
Andrew Levine, MD, Medical Director, South Texas College/Private Practice
Ben Martinez, Clinical Liaison, Med-Care, Inc.
Francina Atkins, Regional Faculty, American Heart Association
Lt. Javier Alaniz, Licensed Paramedic, McAllen Fire Department
Michael Farris, RN/EMT-Paramedic, Rio Grande Regional Hospital
Noel Garcia, EMS Director, Starr County Memorial Hospital EMS
Noemi Sanchez, EMT-Intermediate, Department of State Health Services - Retired
Gustavo Ramirez EMT-Paramedic, Weslaco Fire EMS
Jorge Ruiz EMT-Paramedic, Hidalgo County EMS

Ex-Officio Members
Carlos E. Tello, Interim Program Chair, South Texas College
Joseph Archer, EMT Faculty, South Texas College
- Emergency Medical Technology Basic Certificate (p. 2)
- Emergency Medical Technology Advanced Certificate (p. 2)
- Emergency Medical Technology Paramedic Certificate (p. 2)
- Emergency Medical Technology Associate of Applied Science (p. 3)

Emergency Medical Technology Basic Certificate

TSI EXEMPT
Course | Title | Credit Hours
--- | --- | ---
EMSP 1501 | Emergency Medical Technician | 5
EMSP 1160 | EMT - Basic Clinical | 1
EMSP 1166 | EMT - Basic Practicum | 1
EMSP 1208 | Emergency Vehicle Operations | 2
EMSP 1371 | EMS Documentation | 3
EMSP 1472 | Emergent Issues in EMT | 4

Total Credit Hours: 16

*Emergency Medical Technology Advanced Certificate

TSI EXEMPT
Course | Title | Credit Hours
--- | --- | ---
EMSP 1501 | Emergency Medical Technician | 5
EMSP 1160 | EMT - Basic Clinical | 1
EMSP 1166 | EMT - Basic Practicum | 1
EMSP 1208 | Emergency Vehicle Operations | 2
EMSP 1371 | EMS Documentation | 3
EMSP 1472 | Emergent Issues in EMT | 4

Total Credit Hours: 16

*Revised award title pending approval from THECB, SACSCOC and Department of Education.

Emergency Medical Technology Paramedic Certificate

TSI LIABLE
Course | Title | Credit Hours
--- | --- | ---
EMSP 1501 | Emergency Medical Technician | 5
EMSP 1160 | EMT - Basic Clinical | 1
EMSP 1166 | EMT - Basic Practicum | 1
EMSP 1208 | Emergency Vehicle Operations | 2
EMSP 1371 | EMS Documentation | 3
EMSP 1472 | Emergent Issues in EMT | 4

Total Credit Hours: 27

*Emergency Medical Technology Basic Certificate

TSI EXEMPT
Course | Title | Credit Hours
--- | --- | ---
EMSP 1501 | Emergency Medical Technician | 5
EMSP 1160 | EMT - Basic Clinical | 1
EMSP 1166 | EMT - Basic Practicum | 1
EMSP 1208 | Emergency Vehicle Operations | 2
EMSP 1371 | EMS Documentation | 3
EMSP 1472 | Emergent Issues in EMT | 4

Total Credit Hours: 16

*Revised award title pending approval from THECB, SACSCOC and Department of Education.

Emergency Medical Technology Paramedic Certificate

TSI LIABLE
Course | Title | Credit Hours
--- | --- | ---
EMSP 1501 | Emergency Medical Technician | 5
EMSP 1160 | EMT - Basic Clinical | 1
EMSP 1166 | EMT - Basic Practicum | 1
EMSP 1208 | Emergency Vehicle Operations | 2
EMSP 1371 | EMS Documentation | 3
EMSP 1472 | Emergent Issues in EMT | 4

Total Credit Hours: 27

*Revised award title pending approval from THECB, SACSCOC and Department of Education.
Eligible for the National Registry of Emergency Medical Technicians Certification Exam – EMT Basic. Once successful with NREMT Exam you can become eligible for Texas Department of State Health Service EMT Basic Certification.

**Second Semester**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>EMSP 1338</td>
<td>Introduction to Advanced Practice</td>
<td>3</td>
</tr>
<tr>
<td>EMSP 1356</td>
<td>Patient Assessment and Airway Management</td>
<td>3</td>
</tr>
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<td>EMSP 1355</td>
<td>Trauma Management</td>
<td>3</td>
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<td>EMSP 1161</td>
<td>EMT - Intermediate - Hospital Clinical</td>
<td>1</td>
</tr>
<tr>
<td>EMSP 1167</td>
<td>EMS EMTI Practicum</td>
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</tbody>
</table>

Eligible for the National Registry of Emergency Medical Technicians Certification Exam – Advanced Emergency Medical Technician (AEMT). Once successful with NREMT Exam you can become eligible for Texas Department of State Health Service Advanced EMT (AEMT) Certification.

**Summer Session I**

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>BIOL 2401</td>
<td>Anatomy and Physiology I</td>
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<tr>
<td>BIOL 2402</td>
<td>Anatomy and Physiology II</td>
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**Third Semester**

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<tr>
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<td>EMSP 2205</td>
<td>EMS Operations</td>
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<td>EMSP 2160</td>
<td>Paramedic Clinical I</td>
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**Fourth Semester**

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<tr>
<th>Course</th>
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<tr>
<td>EMSP 2434</td>
<td>Medical Emergencies</td>
<td>4</td>
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<tr>
<td>EMSP 2330</td>
<td>Special Populations</td>
<td>3</td>
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<tr>
<td>EMSP 2161</td>
<td>Paramedic Clinical II</td>
<td>1</td>
</tr>
<tr>
<td>EMSP 2166</td>
<td>Capstone: Paramedic Pracicum</td>
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Eligible for Texas Department of Health State Certificate Exam - Paramedic Level

Eligible for the National Registry of Emergency Medical Technicians Certification Exam – EMT – Paramedic. Once successful with NREMT Exam you can become eligible for Texas Department of State Health Service EMT – Paramedic Certification.

**Total Credit Hours**

<table>
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**Emergency Medical Technology Associate of Applied Science**

**TSI LIABLE**

**First Semester**

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<td>EMSP 1208</td>
<td>Emergency Vehicle Operations</td>
<td>2</td>
</tr>
<tr>
<td>EMSP 1371</td>
<td>EMS Documentation</td>
<td>3</td>
</tr>
<tr>
<td>EMSP 1472</td>
<td>Emergent Issues in EMT</td>
<td>4</td>
</tr>
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Eligible for the National Registry of Emergency Medical Technicians Certification Exam – EMT Basic. Once successful with NREMT Exam you can become eligible for Texas Department of State Health Service EMT Basic Certification.

**Second Semester**

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<td>EMSP 1355</td>
<td>Trauma Management</td>
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Eligible for the National Registry of Emergency Medical Technicians Certification Exam – Advanced Emergency Medical Technician (AEMT). Once successful with NREMT Exam you can become eligible for Texas Department of State Health Service Advanced EMT (AEMT) Certification.

**Credit Hours**

<table>
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<tr>
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<tr>
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<th>Credit Hours</th>
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<tbody>
<tr>
<td>PSYC 2301 or PSYC 2314</td>
<td>General Psychology or Lifespan Growth and Development</td>
<td>3</td>
</tr>
<tr>
<td>EMSP 2434</td>
<td>Medical Emergencies</td>
<td>4</td>
</tr>
<tr>
<td>EMSP 2161</td>
<td>Paramedic Clinical II</td>
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<td>Capstone: Paramedic Pracicum</td>
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Eligible for the National Registry of Emergency Medical Technicians Certification Exam – EMT – Paramedic. Once successful with NREMT Exam you can become eligible for Texas Department of State Health Service EMT – Paramedic Certification.

**Credit Hours**

<table>
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Eligible for the National Registry of Emergency Medical Technicians Certification Exam – Advanced Emergency Medical Technician (AEMT). Once successful with NREMT Exam you can become eligible for Texas Department of State Health Service Advanced EMT (AEMT) Certification.

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1 Identifies courses to fulfill minimum 15 credit hour General Education requirement