

# Emergency Medical Technology Program

281-756-5625

**Degree:** Associate of Applied Science (A.A.S.) - Tech Prep

**Length:** Four Semesters

**Purpose:** The Emergency Medical Technology (EMT) curriculum includes a combination of class lectures, skills training and clinical training in hospital and ambulance settings. Program meets Texas Department of State Health Services (TDSHS) requirements for certification eligibility, and successful students may take the TDSHS Emergency Medical Services Examination for Certification. Students must meet departmental standards to take the TDSHS certification examinations. A fee is charged by the TDSHS for certification examinations. There may also be additional charges for field experiences. The basic EMT program is designed for persons in the emergency health care field, such as ambulance personnel, safety engineers, industrial nurses, rescue squad workers, child care personnel, policemen and firemen, as well as anyone who supervises or is responsible for the safety and well-being of a number of people. The Department of Emergency Medical Technology adheres to the curricula set forth by the U.S. Department of Transportation, the Texas State Department of Health Services, the American Heart Association, and the International Trauma Life Support Association. Components of the curriculum include anatomical and physiological functions and dysfunctions, treatment modalities, rescue, management, Advanced Cardiac Life Support, Basic Trauma Life Support, pediatric, medical and ethical-legal responsibilities.

## Student Objectives

1. Demonstrate the knowledge base and skills necessary for pre-hospital emergency medical care and management.
2. Utilize the knowledge and skills principles to provide emergency medical care in the pre-hospital setting.
3. Utilize communication skills to establish and maintain effective interpersonal relationships in the aspects of emergency medical care.
4. Assume responsibility for continuing education to maintain professional education and competency.
5. Assume legal, ethical, and professional accountability.
6. Participate as a member of the emergency medical services community in providing pre-hospital care, development, and education.
7. Successfully pass the Texas State Department of Health Services registry examination for certification in the field of emergency medical services.

## Program Requirements

Qualified applicants will be admitted according to space available each semester. To be considered for admission to the EMT Program, applicants must:

1. be admitted to ACC for the EMT program (through Office of Admissions & Academic Advising);
2. complete an application in the EMT office and provide copies of any current certifications;
3. be potentially eligible to write the Texas Department of State Health Services certification exam upon successful completion of the program. Note: Applicants convicted of a felony and/or misdemeanor offense may or may not be eligible to write the state exam.
4. be 18 years-of-age or older;
5. pay the Texas Department of State Health Services registry application fees and all other associated fees.
6. purchase appropriate clinical attire and equipment.
7. purchase student liability insurance annually (subject to rate applicable at time of registration);
8. complete a physical examination which includes TB skin test and immunizations upon enrollment in the program.
9. have current basic CPR certification for health professionals dated within one year prior to the course starting date; and
10. adhere to clinical sites and times as arranged by the College and its affiliates. (Sites and times are subject to change without notice.)
11. Students must pay for background/fingerprinting by the FBI and pass a criminal background check.

## Student Accountability

1. Students are responsible for their transportation to and from the clinical facilities.
2. Students will abide by the EMT curriculum requirements in effect at the time they are accepted into the program.
3. No grade below a "B" in an EMT or "C" in an academic course will be acceptable for progression.
4. Students must complete the program within five years after initial acceptance.
5. Several Saturday departmental training and evaluation sessions are scheduled during the semester.

# Emergency Medical Technology - Associate of Applied Science Degree

<i>Course Number</i>	<i>Course Title</i>	<i>Lecture Hours</i>	<i>Lab Hours</i>	<i>Credits</i>
<b>FIRST YEAR</b>				
<b>First Semester</b>				
EMSP 1501	Emergency Medical Technician - Basic	5	6	5
EMSP 1160	Emergency Medical Technician-Basic Clinical	0	6	1
MATH 1332	Contemporary Mathematics I	3	0	3
ENGL 1301	Composition I	<u>3</u>	<u>0</u>	<u>3</u>
		11	12	12
<b>Second Semester</b>				
BIOL 2401	Anatomy and Physiology I	3	3	4
EMSP 1338	Introduction to Advanced Practice	3	1	3
EMSP 1356	Patient Assessment and Airway Management	2	2	3
EMSP 1355	Trauma Management	2	3	3
EMSP 1261	Paramedic Clinical I	1	6	2
EMSP 1166	EMS Practicum I	<u>0</u>	<u>7</u>	<u>1</u>
		11	22	16
<b>Third Semester</b>				
BIOL 2402	Anatomy and Physiology II	3	3	4
EMSP 2444	Cardiology	3	3	4
EMSP 2248	Emergency Pharmacology	2	1	2
EMSP 2338	EMS Operations	3	0	3
EMSP 2160	Paramedic Clinical II	<u>0</u>	<u>6</u>	<u>1</u>
		11	13	14
<b>SECOND YEAR</b>				
<b>First Semester</b>				
EMSP 2434	Medical Emergencies	3	3	4
EMSP 2261	Paramedic Clinical III	1	8	2
BCIS 1405	Business Computer Applications	3	3	4
EMSP 2352	EMS Research	3	0	3
Elective	Visual & Performing Arts/Humanities Core	<u>3</u>	<u>0</u>	<u>3</u>
		13	14	16
<b>Second Semester</b>				
EMSP 2330	Special Populations	2	2	3
EMSP 2243	Assessment Based Management	1	3	2
EMSP 2166	EMS Practicum II	0	9	1
SOCI 1301	Introductory Sociology	3	0	3
EMSP	EMS Elective (EMSP 1391, EMSP 2300 or HITT 1305)	<u>3</u>	<u>0</u>	<u>3</u>
		9	14	12

Total Credits Required for AAS Emergency Medical Technology.....70

## EMT ENHANCED SKILLS CERTIFICATE

<i>Course Number</i>	<i>Course Title</i>	<i>Lecture Hours</i>	<i>Lab Hours</i>	<i>Credits</i>
EMSP 2458	Critical Care Paramedic	2	6	4
EMSP 2359	EMS Supervision/ Management	<u>3</u>	<u>1</u>	<u>3</u>
		5	7	7

Total Credits Required for Enhanced Skills Certificate.....77

## Emergency Medical Technology Certificate Program

<i>Course Number</i>	<i>Course Title</i>	<i>Lecture Hours</i>	<i>Lab Hours</i>	<i>Credits</i>
<b>FIRST YEAR</b>				
<b>First Semester</b>				
EMSP 1501	Emergency Medical Technician-Basic	5	6	5
EMSP 1160	Emergency Medical Technician-Basic Clinical	<u>0</u>	<u>6</u>	<u>1</u>
		5	12	6
<b>Second Semester</b>				
EMSP 1338	Introduction to Advanced Practice	3	1	3
EMSP 1356	Patient Assessment and Airway Management	2	2	3
EMSP 1355	Trauma Management	2	3	3
EMSP 1261	Paramedic Clinical I	1	6	2
EMSP 1166	EMS Practicum I	<u>0</u>	<u>7</u>	<u>1</u>
		8	19	12
<b>Third Semester</b>				
EMSP 2444	Cardiology	3	3	4
EMSP 2248	Emergency Pharmacology	2	1	2
EMSP 2338	EMS Operations	3	0	3
EMSP 2160	Paramedic Clinical II	<u>0</u>	<u>6</u>	<u>1</u>
		8	10	10
<b>SECOND YEAR</b>				
<b>First Semester</b>				
EMSP 2434	Medical Emergencies	3	3	4
EMSP 2261	Paramedic Clinical III	<u>1</u>	<u>8</u>	<u>2</u>
		4	11	6
<b>Second Semester</b>				
EMSP 2330	Special Populations	2	2	3
EMSP 2243	Assessment Based Management	1	3	2
EMSP 2166	EMS Practicum II	<u>0</u>	<u>9</u>	<u>9</u>
		3	14	14

Total Credits Required for Certificate in Emergency Medical Technology.....40

## Emergency Medical Technician - Intermediate Certificate Program

<i>Course Number</i>	<i>Course Title</i>	<i>Lecture Hours</i>	<i>Lab Hours</i>	<i>Credits</i>
<b>FIRST YEAR</b>				
<b>First Semester</b>				
EMSP 1501	Emergency Medical Technician-Basic	5	6	5
EMSP 1160	Emergency Medical Technician-Basic Clinical	<u>0</u>	<u>6</u>	<u>1</u>
		5	12	6
<b>Second Semester</b>				
EMSP 1338	Introduction to Advanced Practice	3	1	3
EMSP 1356	Patient Assessment and Airway Management	2	2	3
EMSP 1355	Trauma Management	2	3	3
EMSP 1261	Paramedic Clinical I	1	6	2
EMSP 1166	EMS Practicum I	<u>0</u>	<u>7</u>	<u>1</u>
		8	19	12

Total Credits Required for Certificate in Emergency Medical Technician - Intermediate.....18