

**Emergency Medical Science  
Associate of Applied Science**

Texas Southmost College  
Health Care, Career and Technical Education Division

Traditionally, EMS Personnel have worked on ambulances as part of EMS Services. However, recently the field has become more versatile with the employers' awareness of the unique skills which a Paramedic brings with them. More and more, emergency rooms have begun hiring Paramedics as ER Technicians, plasma donation centers hire them as medical screeners, law enforcement agencies hire them as tactical medics with SWAT teams, oil platforms hire them as safety officers, critical care transport companies utilize them as flight medics, and fire departments utilize fire medics a lot of the time.

<b>PREREQUISITES</b>	<b>CREDIT HOURS</b>
BIOL 2301 Human Anatomy & Physiology I .....	3
BIOL 2302 Human Anatomy & Physiology II .....	3
ENGL 1301 <sup>+</sup> Composition I.....	3
MATH 1314 <sup>+</sup> College Algebra.....	3
SPCH 1318 Interpersonal Communication .....	3
 <b>FIRST YEAR - FALL SEMESTER</b>	
EMSP 1501 Emergency Medical Technician .....	5
EMSP 1160 Clinical - Emergency Medical Technician I.....	1
PSYC 2301 General Psychology .....	3
XXXX X3XX <sup>1</sup> Language, Philosophy & Culture / Creative Arts Elective .....	3
 <b>FIRST YEAR - SPRING SEMESTER</b>	
EMSP 1161 Clinical - Emergency Medical Technician II.....	1
EMSP 1356 Patient Assessment and Airway Management.....	3
EMSP 1355 Trauma Management .....	3
 <b>SUMMER I (Extended Summer 10 weeks)</b>	
EMSP 2260 Clinical - Emergency Medical Technician III .....	2
EMSP 2338 EMS Operations.....	3
EMSP 2348 Emergency Pharmacology .....	3
 <b>SECOND YEAR - FALL SEMESTER</b>	
EMSP 2261 Clinical - Emergency Medical Technician IV .....	2
EMSP 2434 Medical Emergencies.....	4
EMSP 2444 Cardiology .....	4
 <b>SECOND YEAR - SPRING SEMESTER</b>	
EMSP 2243 Assessment Based Management.....	2
EMSP 2330 Special Populations.....	3
EMSP 2360 Clinical - Emergency Medical Technician V .....	3
 <b>TOTAL CREDIT HOURS FOR GRADUATION - 60</b>	

<sup>+</sup> Grade of "C" or better is required for graduation.

<sup>1</sup>Language, Philosophy & Culture/Creative Arts Electives: Any General Education Core course that meets these categories

TSI Requirement (Texas Success Initiative - any other state-approved test) - Student must pass all three sections of state-approved test to graduate with this degree.

A minimum grade of "C" must be obtained in each (EMSP) course required in the degree plan.