

## Emergency Medical Science Associate of Applied Science

Texas Southmost College  
Division of Health Professions

Traditionally, Emergency Medical Science (EMS) personnel work on ambulances as part of EMS services. However, the field is versatile, since Paramedics possess a unique set of skills. Emergency medical facilities hire Emergency Medical Technicians and Paramedics as emergency room 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 frequently utilize them as fire medics.

### FIRST YEAR - FALL SEMESTER CREDIT HOURS

EMSP 1160 <sup>+</sup> Clinical - Emergency Medical Technician I.....	1
EMSP 1501 <sup>+</sup> Emergency Medical Technician .....	5
PSYC 2301 General Psychology .....	3
BIOL 2301 <sup>+</sup> Human Anatomy & Physiology I .....	3
HITT 1305 Medical Terminology I.....	3

### FIRST YEAR - SPRING SEMESTER

EMSP 1161 <sup>+</sup> Clinical - Emergency Medical Technician II .....	1
EMSP 1355 <sup>+</sup> Trauma Management.....	3
EMSP 1356 <sup>+</sup> Patient Assessment and Airway Management.....	3
BIOL 2302 <sup>+</sup> Human Anatomy & Physiology II.....	3
MATH 1332 <sup>+</sup> Contemporary Mathematics.....	3

### SUMMER III (Extended Summer 10 weeks)

EMSP 2260 <sup>+</sup> Clinical - Emergency Medical Technician III.....	2
EMSP 2330 <sup>+</sup> Special Populations.....	3
EMSP 2306 <sup>+</sup> Emergency Pharmacology .....	3

### SECOND YEAR - FALL SEMESTER

EMSP 2261 <sup>+</sup> Clinical - Emergency Medical Technician IV.....	2
EMSP 2434 <sup>+</sup> Medical Emergencies.....	4
EMSP 2444 <sup>+</sup> Cardiology .....	4
ENGL 1301 <sup>+</sup> Composition I.....	3

### SECOND YEAR - SPRING SEMESTER

EMSP 2243 <sup>+</sup> Assessment Based Management.....	2
EMSP 2305 <sup>+</sup> Emergency Operations.....	3
EMSP 2360 <sup>+</sup> Clinical - Emergency Medical Technician V .....	3
SPCH 1315 Public Speaking OR	
SPCH 1318 Interpersonal Communication .....	3

### TOTAL CREDIT HOURS FOR GRADUATION - 60

<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.