

Emergency Medical Science Certificate – Level 2

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 ⁺ Clinical - Emergency Medical Technology/Technician I	1
EMSP 1501 ⁺ Emergency Medical Technician.....	5
PSYC 2301 ⁺ General Psychology	3
BIOL 2301 ⁺ Human Anatomy & Physiology I.....	3

FIRST YEAR - SPRING SEMESTER	
EMSP 1161 ⁺ Clinical - Emergency Medical Technology/Technician II	1
EMSP 1355 ⁺ Trauma Management	3
EMSP 1356 ⁺ Patient Assessment and Airway Management	3
BIOL 2302 ⁺ Human Anatomy & Physiology II	3
MATH 1332 ⁺ Contemporary Mathematics.....	3

SUMMER III (Extended Summer 10 weeks)	
EMSP 2260 ⁺ Clinical - Emergency Medical Technology/Technician III.....	2
EMSP 2330 ⁺ Special Populations	3
EMSP 2306 ⁺ Emergency Pharmacology	3

SECOND YEAR - FALL SEMESTER	
EMSP 2261 ⁺ Clinical - Emergency Medical Technology/Technician IV	2
EMSP 2434 ⁺ Medical Emergencies.....	4
EMSP 2444 ⁺ Cardiology	4
ENGL 1301 ⁺ Composition I	3

TOTAL CREDIT HOURS FOR GRADUATION - 46

+ Grade of “C” or better is required for graduation.

A minimum grade of “C” must be obtained in each course required in the certificate plan.

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.