

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

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| 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

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| 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)

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| EMSP 2260+ Clinical - Emergency Medical Technology/Technician III..... | 2 |
| EMSP 2330+ Special Populations | 3 |
| EMSP 2306+ Emergency Pharmacology..... | 3 |

SECOND YEAR - FALL SEMESTER

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| 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.

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.