

CERTIFICATE IN EMERGENCY MEDICAL TECHNICIAN - PARAMEDIC (43 Credit Hours)

Prerequisites:

PSYC 1100 or EDUC 1100 Learning Frameworks
 EMSP 1501 Emergency Medical Technician (EMT)
 EMSP 1160 Clinical Basic - Emergency Medical Technician

First Semester

EMSP 1161 Paramedic Clinical I
 MDCA 1309 Anatomy and Physiology for Medical Assistants
 EMSP 1356 Patient Assessment and Airway Management
 EMSP 1438 Introduction to Advanced Practice
 EMSP 2348 Emergency Pharmacology

Second Semester

EMSP 1162** Paramedic Clinical II
 EMSP 1355 Trauma Management
 EMSP 2434 Medical Emergencies
 EMSP 2444 Cardiology

Third Semester

EMSP 2143 Assessment Based Management
 EMSP 2160 Paramedic Clinical III
 EMSP 2266** Practicum (Field Experience) - EMT/Technician or Paramedic
 EMSP 2330 Special Populations
 EMSP 2338 Emergency Medical Services Operations

* BIOL 2401 or BIOL 2402 may be substituted for MDCA 1309

** Course contains an external capstone (field) experience.

Engineering

Suggested Course of Study for University Transfer Students (85-88 Credit Hours)

Freshman Year	Sophomore Year
PSYC 1100 or EDUC 1100	ECON 2301 or 2302
CHEM 1411	ENGR 2301
CHEM 1412	ENGR 2302
DFTG 1405	GOVT 2305
ENGL 1301	GOVT 2306
ENGL 1302	Humanities (3 Credit Hours)
HIST 1301	MATH 2320
HIST 1302	MATH 2415
Lab Science (8 Credit Hours)	PHED Activity (1 Credit Hour)
MATH 2413	Visual/Fine Arts (3 Credit Hours)
MATH 2414	Computer (3-4 Credit Hours)
PHED 1134	
PHYS 2425	
PHYS 2426	
SPCH 1315 or 1321	

Note: Completion of the Field of Study may require an additional term(s). In the Core Curriculum for engineer majors ENGL 1301 no longer fulfills degree requirements at some universities; however, it must be taken (or tested out of) in order to meet the prerequisites for ENGL 1302.

- ENGR 2301 Engineering Mechanics I (Statics & Dynamics)** 3.3.0
A course for the professional level engineering student. Topics include: analysis of force-couple systems, equilibrium of particles and rigid bodies, structural analysis, distributed forces, friction, centroids and moments of area, particle kinematics and kinetics in various coordinate systems. Prerequisite: MATH 2414.
- ENGR 2302 Engineering Mechanics II (Dynamics)** 3.3.0
A continuation of ENGR 2301. Topics include: particle kinetics including work-energy and impulse-momentum principles, rigid body kinematics, moments of inertia, kinetics of rigid bodies in planar motion, energy and momentum methods applied to rigid bodies in planar motion. Prerequisite: ENGR 2301. Requisite: MATH 2415.

English

Suggested Course of Study for University Transfer Students (62-73 Credit Hours)

Freshman Year	Sophomore Year
PSYC 1100 or EDUC 1100 ENGL 1301 ENGL 1302 HIST 1301 HIST 1302 Lab Science (8 Credit Hours) MATH 1314 PHED 1134 Social/Behavioral Science (3 Credit Hours) Visual/Fine Arts (3 Credit Hours)	Foreign Language (6-14 Credit Hours)* GOVT 2305 GOVT 2306 Humanities (3 Credit Hours) PHED Activity (1 Credit Hour) SPCH 1315 or 1321 Computer (3-4 Credit Hours) Electives (9 Credit Hours)

*Recommended for students who will pursue a university degree that requires a foreign language.

- ENGL 0101 Development in Writing I (30.0108.53 12)** 1.0.3
Laboratory instructions designed to develop basic writing and grammar skills. Fee charged. May not be used to satisfy degree requirements.
- ENGL 0102 Development in Writing II (32.0108.53 12)** 1.0.3
Laboratory instruction designed to continue the instruction in ENGL 0101 and to reinforce those skills taught in ENGL 0302. Fee charged. May not be used to satisfy degree requirements.
- ENGL 0301 Basic English I (30.0108.53 12)** 3.3.0
A basic development course designed to improve students' skills in formulating simple and compound sentences, basic subject-verb agreement, punctuation, and spelling rules. Students will also gain skills in writing clear logically developed paragraphs, using standard English. Designed for students seeking basic English usage as mandated by assessment. Students must take ENGL