

# EMERGENCY MEDICAL TECH (EMSP)

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## EMSP 1160

### EMT - Basic Clinical

CRT HRS:1 LEC HRS:0 LAB HRS:0 OTH HRS:6

This course is a health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts in a hospital clinical setting. Direct supervision is provided by the clinical professional. This is an unpaid clinical experience. *Prerequisite: Admission to the program; concurrent enrollment in EMSP 1501.*

## EMSP 1161

### EMT - Advanced Hospital Clinical

CRT HRS:1 LEC HRS:0 LAB HRS:0 OTH HRS:6

This course is a health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts in a hospital clinical setting. Direct supervision is provided by the clinical professional. This is an unpaid intermediate level clinical experience. *Prerequisite: Admission to the program; current Texas Department of State Health Services (TDSHS) EMT-Basic certification; concurrent enrollment in EMSP 1338.*

## EMSP 1166

### EMT - Basic Practicum

CRT HRS:1 LEC HRS:0 LAB HRS:0 OTH HRS:7

This course provides practical, general workplace training supported by an individualized learning plan developed by the employer, college, and the student. This course is an experience on an ambulance unit that helps students gain practical experience in the discipline, enhance skills, and integrate knowledge. Direct supervision is provided by a clinical professional, generally a clinical preceptor. This is an unpaid basic practicum experience. *Prerequisite: Admission to the program; concurrent enrollment in EMSP 1501.*

## EMSP 1167

### EMS EMT- Advanced Practicum

CRT HRS:1 LEC HRS:0 LAB HRS:0 OTH HRS:7

This course provides practical, general workplace training supported by an individualized learning plan developed by the employer, college and the student. This course is an experience in an ambulance unit that helps students gain practical experience in the discipline, enhance skills, and integrate knowledge. Direct supervision is provided by a clinical professional, generally a clinical preceptor. This is an unpaid practicum experience at the EMT-Intermediate level. *Prerequisite: Admission to the program; current Texas Department of State Health Services (TDSHS) EMT-Basic certification; concurrent enrollment in EMSP 1338.*

## EMSP 1208

### Emergency Vehicle Operations

CRT HRS:2 LEC HRS:1 LAB HRS:2 OTH HRS:0

This course provides the student with instruction, discussion, demonstration, and driving range practice to prepare drivers of emergency vehicles to operate their vehicles safely in the emergency and non-emergency mode. *Prerequisite: Admission to the program; concurrent enrollment in EMSP 1501.*

## EMSP 1338

### Introduction to Advanced Practice

CRT HRS:3 LEC HRS:2 LAB HRS:4 OTH HRS:0

This course is an exploration of the fundamental elements associated with emergency medical services to include preparatory practices, pathophysiology, medication administration, and related topics.

*Prerequisite: Admission to the program; concurrent enrollment in EMSP 1161 and EMSP 1167.*

## EMSP 1355

### Trauma Management

CRT HRS:3 LEC HRS:2 LAB HRS:2 OTH HRS:0

This course is a detailed study of the knowledge and skills necessary to reach competence in the assessment and management of patients with traumatic injuries.

*Prerequisite: Admission to the program; concurrent enrollment in EMSP 1338.*

## EMSP 1356

### Patient Assessment and Airway Management

CRT HRS:3 LEC HRS:2 LAB HRS:4 OTH HRS:0

This course is a detailed study of the knowledge and skills required to reach competence in performing patient assessment, airway management, and artificial ventilation.

*Prerequisite: Admission to the program; concurrent enrollment in EMSP 1338.*

## EMSP 1371

### EMS Documentation

CRT HRS:3 LEC HRS:3 LAB HRS:0 OTH HRS:0

This course is designed to develop the student's documentation skills with regard to rendering emergency medical care. Both written and oral reports will be reviewed as well as the legal implications associated with report writing.

*Prerequisite: Admission to the program; concurrent enrollment in EMSP 1501.*

## EMSP 1472

### Emergent Issues in EMT

CRT HRS:4 LEC HRS:3 LAB HRS:2 OTH HRS:0

The purpose of this course is to demonstrate a working knowledge of clinical information and related topics relevant to the practice of pre-hospital emergency medical care at the Emergency Medical Technician-Basic (EMT-B) level. The student will research new/upcoming issues and prepare written and oral presentations. The student will be evaluated on presentation as well as content.

*Prerequisite: Admission to the program; concurrent enrollment in EMSP 1501.*

## EMSP 1501

### Emergency Medical Technician

CRT HRS:5 LEC HRS:4 LAB HRS:4 OTH HRS:0

This course is preparation for certification as an Emergency Medical Technician (EMT). The student will learn all the skills necessary to provide emergency medical care at a basic life support level with an ambulance service or other specialized services.

*Prerequisite: Admission to the program; concurrent enrollment in EMSP 1160 and EMSP 1166.*

## EMSP 2160

### Paramedic Clinical I

CRT HRS:1 LEC HRS:0 LAB HRS:0 OTH HRS:6

This course is a health-related work-based learning experience that enables the student to apply specialized occupational theory, skills and concepts in a hospital clinical setting. Direct supervision is provided by the clinical professional. This is an unpaid paramedic level one clinical experience.

*Prerequisite: Admission to the program and concurrent enrollment in EMSP 2444 and EMSP 2205.*

## **EMSP 2161**

### **Paramedic Clinical II**

CRT HRS:1 LEC HRS:0 LAB HRS:0 OTH HRS:6

This course is a health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts in a hospital clinical setting. Direct supervision is provided by the clinical professional. This is an unpaid paramedic level two clinical experience.

*Prerequisite:* Admission to the program; successful completion of EMSP 2160; and concurrent enrollment in EMSP 2434 and EMSP 2330.

## **EMSP 2166**

### **Capstone: Paramedic Practicum**

CRT HRS:1 LEC HRS:0 LAB HRS:0 OTH HRS:10

This course provides practical, general workplace training supported by an individualized learning plan developed by the employer, college and the student. This course is an experience on an ambulance unit that helps students gain practical experience in the discipline, enhance skills, and integrated knowledge. Direct supervision is provided by a clinical professional, generally a clinical preceptor. This is an unpaid practicum experience at the EMT-Paramedic level.

*Prerequisite:* Admission to the program; successful completion of EMSP 2444, EMSP 2205, EMSP 2160, EMSP 2434, EMSP 2330, and EMSP 2161.

## **EMSP 2205**

### **EMS Operations**

CRT HRS:2 LEC HRS:1 LAB HRS:4 OTH HRS:0

This course is a detailed study of the knowledge and skills necessary to reach competence to safely manage multi-casualty incidents and rescue situations; utilize air medical resources; identify hazardous materials and other specialized incidents.

*Prerequisite:* Admission to the program; concurrent enrollment in EMSP 2444 and EMSP 2160.

## **EMSP 2330**

### **Special Populations**

CRT HRS:3 LEC HRS:2 LAB HRS:4 OTH HRS:0

This course is a detailed study of the knowledge and skills necessary to reach competence in the assessment and management of ill or injured patients in diverse populations to include neonatology, pediatrics, geriatrics, and other related topics.

*Prerequisite:* Admission to the program; concurrent enrollment in EMSP 2434.

## **EMSP 2434**

### **Medical Emergencies**

CRT HRS:4 LEC HRS:3 LAB HRS:4 OTH HRS:0

This course is a detailed study of the knowledge and skills necessary to reach competence in the assessment and management of patients with medical emergencies, including medical overview, neurology, gastroenterology, immunology, pulmonology, urology, hematology, endocrinology, toxicology, and other related topics.

*Prerequisite:* Admission to the program; concurrent enrollment in EMSP 2330, successful completion of EMSP 2444 and EMSP 2205.

## **EMSP 2444**

### **Cardiology**

CRT HRS:4 LEC HRS:3 LAB HRS:4 OTH HRS:0

This course is a detailed study of the knowledge and skills necessary to reach competence in the assessment and management of patients with cardiac emergencies. This includes basic dysrhythmia interpretation, recognition of 12-lead EKGs for field diagnosis, and electrical and pharmacological interventions.

*Prerequisite:* Admission to the program; concurrent enrollment in EMSP 2205 and EMSP 2160.