

EMSP - EMERGENCY MEDICAL

EMSP 0001 CPR/First Aid/AED Certification Exam 0 Credit Hours (0 Lec)

EMSP 0002 Basic Life Support for Healthcare Providers Certification Exam 0 Credit Hours (0 Lec)

EMSP 1001 Emergency Medical Technician Basic 11.2-17.6 Credit Hours (112 to 176 Lec)

EMSP 1019 CPR for Healthcare Providers 0.7-4 Credit Hours (7 to 40 Lec)

EMSP 1020 CPR Adult 0.7-1 Credit Hours (7 to 10 Lec)

EMSP 1026 First Aid 0.7-4 Credit Hours (7 to 40 Lec)

EMSP 1050 Introduction to 12-Lead ECG Interpretation 0.7-4 Credit Hours (7 to 40 Lec)

EMSP 1060 Clinical EMT Paramedic 4.8-57.6 Credit Hours (48 to 576 Lec)

EMSP 1160 Clinical-EMT 1 Credit Hour (6 Lab)

A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. Corequisite: EMSP 1501.

Course Type: Technical/Vocational Course

Corequisite: EMSP 1501

EMSP 1163 Clinical Emergency Medical Technology/Technician (EMT Paramedic I) 1 Credit Hour (6 Lab)

A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. Prerequisite: EMSP 1501, EMSP 1160 Corequisite: EMSP 1338, EMSP 1356, EMSP 1355, EMSP 2434. Key Concepts: Students will become competent in analyzing EKG strips and cardiac drug therapy..

Course Type: Technical/Vocational Course

Corequisite: EMSP 1338, EMSP 1355, EMSP 1356, EMSP 2434

EMSP 1260 Clinical Emergency Medical Technology/Technician (EMT Paramedic II) 2 Credit Hours (8 Lab)

A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. Prerequisite: Acceptance into EMS Program Corequisite: EMSP 1501, MDCA 1305, MDCA 1313, and MDCA 1409.

Course Type: Technical/Vocational Course

Corequisite: EMSP 1501, MDCA 1305, MDCA 1313, MDCA 1409

EMSP 1263 Clinical Emergency Medical Technology 2 Credit Hours (8 Lab)

A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional.

Course Type: Technical/Vocational Course

EMSP 1305 Emergency Care Attendant 3 Credit Hours (2 Lec, 3 Lab)

Preparation for certification as an Emergency Care Attendant (ECA)/Emergency Medical Responder (EMR).

Course Type: Technical/Vocational Course

EMSP 1338 Introduction to Advanced Practice 3 Credit Hours (2 Lec, 2 Lab)

Fundamental elements associated with emergency medical services to include preparatory practices, pathophysiology, medication administration, and related topics. Prerequisite: Certified as EMT, EMSP 1501, EMSP 1160. Corequisite: MDCA 1348, EMSP 1355, EMSP 1356, EMSP 1163.

Course Type: Technical/Vocational Course

Corequisite: EMSP 1163, EMSP 1355, EMSP 1356, MDCA 1348

EMSP 1355 Trauma Management 3 Credit Hours (2 Lec, 2 Lab)

Knowledge and skills in the assessment and management of patients with traumatic injuries.. Prerequisite: Certified as EMT, EMSP 1501, EMSP 1160. Corequisite: EMSP 1338, EMSP 1356, EMSP 1163, and MDCA 1348 .

Course Type: Technical/Vocational Course

Corequisite: EMSP 1163, EMSP 1338, EMSP 1356, MDCA 1348

EMSP 1356 Patient Assessment and Airway Management 3 Credit Hours (2 Lec, 2 Lab)

Knowledge and skills required to perform patient assessment, airway management, and artificial ventilation. Prerequisite: Certified as EMT, EMSP 1501, EMSP 1160. Corequisite: MDCA 1348, EMSP 1338, EMSP 1355, and EMSP 1163.

Course Type: Technical/Vocational Course

Corequisite: EMSP 1163, EMSP 1338, EMSP 1355, MDCA 1348

EMSP 1391 Special Topics in Emergency Medical Technology Technician 3 Credit Hours (2 Lec, 3 Lab)

Course Type: Technical/Vocational Course

EMSP 1501 EMT-Basic 5 Credit Hours (3 Lec, 8 Lab)

Preparation for certification as an Emergency Medical Technician (EMT). Prerequisite: Acceptance into the EMS Program. Corequisite: EMSP 1160, MDCA 1305, MDCA 1313, and MDCA 1409.

Course Type: Technical/Vocational Course

Corequisite: EMSP 1160, MDCA 1305, MDCA 1313, MDCA 1409

EMSP 2137 Emergency Procedures 1 Credit Hour (4 Lab)

Application of emergency medical procedures. This course was designed to be repeated multiple times to improve student proficiency.

Course Type: Technical/Vocational Course

EMSP 2237 Emergency Procedures 2 Credit Hours (1 Lec, 4 Lab)

Application of emergency medical procedures. This course was designed to be repeated multiple times to improve student proficiency.

Course Type: Technical/Vocational Course

EMSP 2243 Assessment Based Management 2 Credit Hours (2 Lec, 1 Lab)

A summative experience covering comprehensive, assessment-based patient care management for the paramedic level. Prerequisite: All EMSP courses. Corequisite: EMSP 2261.

Course Type: Technical/Vocational Course

Corequisite: EMSP 2261

EMSP 2260 Clinical Emergency Medical Technology/Technician (EMT Paramedic III) 2 Credit Hours (0 Lec, 8 Lab)

A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. Prerequisite: EMSP 2306.

Course Type: Technical/Vocational Course

EMSP 2261 Clinical Emergency Medical Technology/Technician (EMT Paramedic IV) 2 Credit Hours (0 Lec, 8 Lab)

A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. Prerequisite: All EMSP courses. Corequisite: EMSP 2306.

Course Type: Technical/Vocational Course
Corequisite: EMSP 2306

EMSP 2305 EMS Operations 3 Credit Hours (2 Lec, 2 Lab)

Knowledge and skills to safely manage multi-casualty incidents and rescue situations; utilize air medical resources; identify hazardous materials and other specialized incidents. Corequisite: EMSP 1501, EMSP 1160.

Course Type: Technical/Vocational Course
Corequisite: EMSP 1160, EMSP 1501

EMSP 2306 Emergency Pharmacology 3 Credit Hours (2 Lec, 2 Lab)

A study of drug classification, actions, therapeutic uses, adverse effects, routes of administration, and calculation of dosages. Prerequisite: EMSP 1338, EMSP 1163, EMSP 2434, EMSP 1356, and EMSP 1355. CIP Code: 51.0904.

Course Type: Technical/Vocational Course

EMSP 2330 Special Populations 3 Credit Hours (2 Lec, 2 Lab)

Knowledge and skills necessary to assess and manage ill or injured patients in diverse populations to include neonatology, pediatrics, geriatrics, and other related topics. Prerequisite: EMSP 1163. Corequisite: EMSP 2434, EMSP 2305, and EMSP 2260.

Course Type: Technical/Vocational Course
Corequisite: EMSP 2260, EMSP 2305, EMSP 2434

EMSP 2434 Medical Emergencies 4 Credit Hours (3 Lec, 3 Lab)

Knowledge and skills 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: EMSP 1163. Corequisite: EMSP 2260, EMSP 2305, and EMSP 2330.

Course Type: Technical/Vocational Course
Corequisite: EMSP 2260, EMSP 2305, EMSP 2330

EMSP 2444 Cardiology 4 Credit Hours (3 Lec, 3 Lab)

Assessment and management of patients with cardiac emergencies. Includes single and multi-lead ECG interpretation. Prerequisite: EMSP 1338, EMSP 1163, EMSP 2434, EMSP 1356. Corequisite: EMSP 2330 and EMSP 2260.

Course Type: Technical/Vocational Course
Corequisite: EMSP 2260, EMSP 2330

EMSP 2460 Clinical Rotation Ambulance and ER 4 Credit Hours (16 Lab)

Course Type: Technical/Vocational Course

EMSP 2544 Cardiology 5 Credit Hours (4 Lec, 4 Lab)

Assessment and management of patients with cardiac emergencies. Includes single and multi-lead ECG interpretation. End-of-Course Outcomes: At the completion of this module, the student will be able to integrate pathophysiological principles and assessment findings to formulate a field impression; and implement a treatment plan for the cardiac patient. Prerequisites: EMSP 1338, EMSP 1263, EMSP 1355, EMSP 1356, and HPRS 2300.

Course Type: Technical/Vocational Course