

# EMERGENCY MEDICAL TECHNICIAN-PARAMEDIC (EMSP)

## EMSP 126, BODY SYSTEMS AND TERMINOLOGY FOR THE PARAMEDIC 3 (3)

This course introduces the anatomy, physiology, and medical terminology pertaining to body systems and how they relate to the assessment and treatment by the Emergency Medical Service (EMS) professional. This course covers cell structure and function, blood components and the different body systems as well as correct medical terminology that applies to each system or organ. (CTAG)

**General Education:** GEO1, GEO2

**Course Entry Requirement(s):** Prerequisite: State of Ohio Emergency Medical Technician (EMT) or Advanced Emergency Medical Technician (AEMT) Certification

**Typically Offered:** Fall and Spring Semesters

## EMSP 127, PARAMEDIC PRACTICE - CONCEPTS I 1 (3)

This course is intended to provide supplemental education to increase the student's chance of success in the emergency medical field. (CTAG)

**General Education:** GEO7, GEO8

**Course Entry Requirement(s):** Concurrent: EMSP 131

**Typically Offered:** Fall and Spring Semesters

## EMSP 128, PARAMEDIC PRACTICE - CONCEPTS II 3 (8)

This course focuses on case studies that require critical thinking skills. Clinicals comprised of specialty rotations including Trauma Center, Labor and Delivery, Behavioral Health, etc. Procedural knowledge included in this course are medication administration, advanced airway management, cardiac monitoring and electrotherapy. (CTAG)

**General Education:** GEO3, GEO5

**Course Entry Requirement(s):** Prerequisite: EMSP 127

**Typically Offered:** Summer and Spring Semesters

## EMSP 131, PARAMEDIC PRACTICE - FUNDAMENTALS 3 (4)

This is an introductory course to the paramedic profession. Topics include EMS system overview, roles and responsibilities, welfare of the Emergency Medical System (EMS) professional, legal and ethical issues, communication and documentation, incident response and pathophysiology of traumatic and medical emergencies and shock. (CTAG)

**General Education:** GEO3, GEO4, GEO8

**Course Entry Requirement(s):** Prerequisite: EMSP 126

**Typically Offered:** Fall and Spring Semesters

## EMSP 132, PARAMEDIC PRACTICE - PROCEDURES 3 (4)

This course focuses on the patient assessment and treatment techniques performed by the Emergency Medical System (EMS) professional. Topics include patient assessment, airway management, medication administration, immobilization and lifting and moving. (CTAG)

**General Education:** GEO5, GEO7

**Course Entry Requirement(s):** Concurrent: EMSP 131

**Typically Offered:** Fall and Spring Semesters

## EMSP 133, PARAMEDIC PRACTICE - CARDIAC EMERGENCIES 4 (8)

This is a course focuses on the assessment and advanced treatment of patients experiencing a cardiovascular emergency. Topics include cardiac electrocardiogram rhythm identification and assessment of and treatment for cardiac disorders. (CTAG)

**General Education:** GEO5, GEO6

**Course Entry Requirement(s):** Prerequisite: EMSP 132

**Typically Offered:** Summer and Fall Semesters

## EMSP 134, PARAMEDIC PRACTICE - MEDICAL EMERGENCIES 3 (7)

This course focuses on the assessment and advanced treatment of patients experiencing a medical emergency. Topics include assessment and treatment for disorders pertaining to the following body systems: pulmonary, neurologic, endocrine, urologic, and gastrointestinal. (CTAG)

**General Education:** GEO1, GEO6

**Course Entry Requirement(s):** Concurrent: EMSP 133

**Typically Offered:** Summer and Fall Semesters

## EMSP 135, PARAMEDIC PRACTICE - TRAUMA EMERGENCIES 4 (8.5)

This course focuses on the assessment and advanced treatment of patients experiencing a traumatic emergency. Topics include trauma systems, mechanism of injury, and assessment and treatment for patients suffering from a traumatic or environmental emergency. (CTAG)

**General Education:** GEO5, GEO6

**Course Entry Requirement(s):** Concurrent: EMSP 134

**Typically Offered:** Fall and Spring Semesters

## EMSP 136, PARAMEDIC PRACTICE - SPECIALTY POPULATIONS 4 (7.5)

This course focuses on assessment and treatment of pediatric, geriatric, obstetric patients and those with behavioral and psychiatric disorders. Topics include pediatric and geriatric trauma and medical emergencies, reproductive system disorders, complications during pregnancy, child birth and neonatal care. (CTAG)

**General Education:** GEO4, GEO5

**Course Entry Requirement(s):** Prerequisite: EMSP 135

**Typically Offered:** Fall and Spring Semesters

## EMSP 137, PARAMEDIC PRACTICE - CAPSTONE 2 (11)

This course allows the student to function in the prehospital setting as a team leader. The student will attend clinicals at fire departments and Emergency Medical Service (EMS) agencies and interact with staff and patients in a lead role. The end of program exams will be taken during this course. (CTAG)

**General Education:** GEO2, GEO7

**Course Entry Requirement(s):** Prerequisite: EMSP 136

**Typically Offered:** Fall and Spring Semesters

## EMSP 299, INDIVIDUALIZED STUDIES IN EMERGENCY MEDICAL TECH PARAMEDIC 1-3 (1)

An in-depth study of areas in emergency medical technician paramedic presented by discussion and/or individual research and reading. Topics will vary. Repeatable up to six (6) times for a total of six (6) credit hours.

**Course Entry Requirement(s):** Prerequisite: Second-year standing and division approval

**Typically Offered:** Offer as required