

# EMERGENCY MEDICAL TECHNICIAN-PARAMEDIC (EMSP)

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## **EMSP 119, EMS ESSENTIALS 2 (2.5)**

This course is intended to provide education to increase the student's chance of success in the emergency medical field. Topics include medication administration, pathophysiology of traumatic injuries and medical illnesses, and welfare of the EMS professional. (CTAG)

**General Education:** IN1, IN2, IN3, IN4, IN5

**Course Entry Requirement(s):** Prerequisite: C or higher in EMSB 101 or current certification as an EMT or AEMT

**Typically Offered:** Summer, Fall and Spring Semesters

## **EMSP 120, INTRODUCTION TO ADVANCED EMERGENCY CARE 9 (18)**

This is an introductory course to the pre-hospital environment. Topics include EMS system overview, roles and responsibilities, and major incident response. Preparatory stages are general patient assessment and initial management, medical terminology, general pharmacology, airway and ventilation, obstetrics, pediatrics, the neonate, trauma assessment, and management (BTLs), and pathophysiology of shock. Laboratory and clinical competency required in EMS standard procedures and practices. (A special fee will be assessed.) Completion of course requires student to demonstrate the standards outlined for Basic Trauma Life Support (BTLs). (CTAG)

**General Education:** IN1, IN2, IN4, IN5

**Course Entry Requirement(s):** Prerequisite: Current EMT or AEMT Ohio and previous completion or concurrent enrollment in BIOG 115

**Typically Offered:** Fall and Spring Semesters

## **EMSP 121, ADVANCED EMERGENCY CARE II 6 (12)**

This course is devoted to medical illness care, which relates to major body systems. Highlighted are respiratory and cardiovascular systems. Procedures and skill included in this course are intubation, cardiac monitoring, cardioconversion, and defibrillation. Laboratory and clinical competency required in EMS standard procedures and practices. (A special fee will be assessed.) (CTAG)

**General Education:** IN1, IN2, IN5

**Course Entry Requirement(s):** Prerequisite: C or higher in EMSP 120 and BIOG 115 or equivalent

**Typically Offered:** Summer and Spring Semesters

## **EMSP 122, ADVANCED EMERGENCY CARE III 3 (6)**

This course is devoted to medical illness care, which relates to major body systems. Highlighted are respiratory and cardiovascular systems. Procedures and skill included in this course are intubation, cardiac monitoring, cardioconversion, and defibrillation. Laboratory and clinical competency required in EMS standard procedures and practices. (A special fee will be assessed.) (CTAG)

**General Education:** IN1, IN2, IN5

**Course Entry Requirement(s):** Concurrent: C or higher in EMSP 121 and BIOG 115 or equivalent

**Typically Offered:** Fall and Spring Semesters

## **EMSP 123, ADVANCED EMERGENCY CARE IV 6 (13)**

This course expands and applies the concepts discussed related to medical illness care as outlined in Advanced Emergency Care II & III. In addition, behavioral emergencies, geriatrics, gastrointestinal/genitourinary, and infectious diseases will be presented. Completion of this course requires the student to demonstrate the standards as outlined for the AHA, ACLS, and PALS course. Successful completion of the National Registry is required to pass. Laboratory and clinical competency required in EMS standard procedures and practices. (A special fee will be assessed.) (CTAG)

**General Education:** IN1, IN2, IN5

**Course Entry Requirement(s):** Prerequisite: C or higher in EMSP 122

**Typically Offered:** Summer and Fall Semesters

## **EMSP 124, ADVANCED EMERGENCY CARE V 3 (3)**

This course is devoted to medical illness and trauma injury care, which relates to major body systems. Highlighted are case studies that require critical thinking skills. Procedures knowledge included in this course are intravenous access, medication administration, intubation and advanced airway management, cardiac monitoring, cardioversion, and defibrillation. (CTAG)

**General Education:** IN1, IN2, IN5

**Course Entry Requirement(s):** Prerequisite: C or higher in EMSP 122 and BIOG 115 or equivalent

**Typically Offered:** Summer and Fall Semesters

## **EMSP 129, PARAMEDIC EXTERNSHIP 1 (2.5)**

Paramedic practicum places the student in the pre-hospital setting in a fire department or EMS agency, working with the staff and patients as a capstone to the Paramedic Program. Students will participate in the care of patients in a Team Lead Role. The end of program exams will be taken during this course. (CTAG)

**General Education:** IN1, IN2, IN3, IN4, IN5

**Course Entry Requirement(s):** Prerequisite: C or higher in EMSP 123

**Typically Offered:** Summer, Fall and Spring Semesters

## **EMSP 299, INDIVIDUALIZED STUDIES IN EMERGENCY MEDICAL TECH PARAMEDIC 1-2 (1)**

An in-depth study in the area of emergency medical technician paramedic presented by discussions and/or individual research and reading. Topics will vary. Repeatable up to a total of four (4) credit hours.

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

**Typically Offered:** Offer as required