

## Emergency Medical Technology (EMTS)

### **EMTS 1010 Emergency Medical Technician-Basic**

**8 Credits**

*Prerequisite: American Heart Association CPR, 18 years of age or older.*

This introductory course provides basic knowledge and skills used in the treatment and transport of the sick or injured until they reach the hospital. The course places emphasis on anatomy and physiology related to the EMT's role in lifting and moving patients, trauma and medical patient management, and airway and cardiac management. Students will apply knowledge and skills in the EMS Learning Lab and clinical setting. Successful completion of this course qualifies students to take the National Registry Certification Exam for Basic EMT. (12.5 contact hours: 6 lecture, 5.25 lab, 1.25 clinical)

### **EMTS 1050 Emergency Medical Technician- Refresher**

**2 Credits**

*Prerequisite: Previous EMT certification.*

This course provides a review of basic knowledge and skills used in the treatment and transport of the sick or injured until they reach the hospital. The course places emphasis on lifting and moving patients, trauma and medical patient management, and airway and cardiac management. The course also presents current methods of patient management and the use of new equipment. Successful completion of this course meets the requirements for renewal of certification as a Basic EMT. (2 contact hours)

### **EMTS 2011 Paramedic Beginner**

**13 Credits**

*Prerequisite: HLTH 1238 or both BIOL 2210 and BIOL 2220, admission to the Paramedic program, current Ohio EMT certification, current American Heart Association: Health Care Provider.*

This is an introductory course for Emergency Medical Technician Paramedic (EMT-P) which provides the basic knowledge and skill for general patient assessment, general pharmacology, pathophysiology of shock, burn management, communicable disease prevention, respiratory management, and trauma care in the pre-hospital setting. Classroom, laboratory, and clinical experiences provide refinement of skills learned. This is the first of a series of four courses required for state certification. (31 contact hours: 7 lecture, 9 lab, 15 clinical)

### **EMTS 2021 Paramedic Intermediate A**

**5 Credits**

*Prerequisite: EMTS 2011 or permission of instructor.*

This course provides students with the concepts, principles, and skills needed to care for respiratory and cardiac emergencies. Classroom, laboratory, and clinical experiences provide refinement of skills learned. This is the second of four courses needed for paramedic certification.

(15 contact hours: 1 lecture, 9 lab, 5 clinical)

### **EMTS 2031 Paramedic Intermediate B**

**5 Credits**

*Prerequisite: EMTS 2021 or permission of instructor.*

This course provides students with knowledge and skills needed to care for neurological, obstetrical, gynecology, and neonatology emergencies. Classroom, laboratory, and clinical experiences provide refinement of skills learned. This is the third course in a series of four needed for state certification.

(15 contact hours: 1 lecture, 9 lab, 5 clinical)

### **EMTS 2041 Paramedic Clinical and Capstone**

**5 Credits**

*Prerequisite: EMTS 2031 or permission of instructor or program director.*

This course provides students with knowledge and skills needed to care for pediatric emergencies, medical emergencies, and patients with special needs. Students will learn how to function at mass casualty, rescue, and hazardous material incidents. Classroom, laboratory, and clinical experiences provide refinement of skills learned. This is the fourth course in a series of four needed for state certification. This specialized course provides for the summative evaluation of paramedic education to ensure the student has all the cognitive and psychomotor skills needed to be successful on the National Registry psychomotor exam and serve as a team leader while delivering advanced patient care.

(15 contact hours: 1 lecture, 9 lab, 5 clinical)

### **EMTS 2051 Paramedic Supplemental Clinical and Capstone**

**1-4 Credits**

*Prerequisite: EMTS 2041 or permission of instructor or program director.*

All didactic and lab requirements of the paramedic certification will be completed prior to acceptance into this course. This specialized course allows the paramedic student to complete any outstanding clinical skills or hours requirements not met by the end of EMTS 2041. This course will also allow the paramedic student to complete any capstone requirements not met by the end of the EMTS 2041 course. Once the student has completed the capstone requirements, the paramedic student will have all the cognitive and psychomotor skills needed to be successful on the National Registry psychomotor exam and serve as a team leader while delivering advanced patient care. (3 contact hours: 3 clinical)