

EMERGENCY MEDICAL TECH (EMTS)

Courses

EMTS 115 Emergency Medical Responder 3 Credits

Introduction to prehospital emergency care. Provides clear, first responder-level training for fire service, emergency, law enforcement, military, civil, and industrial personnel.

Terms Typically Offered: Spring.

Fees: Yes.

EMTS 121 EMT Fundamentals 3 Credits

Introduction to fundamental skills of the Emergency Medical Technician (EMT) student. Topics include: EMS systems, well-being of the EMT, communication, and patient assessment.

Corequisites: EMTS 122, EMTS 123, EMTS 124, and EMTS 170.

Terms Typically Offered: Fall, Spring.

Fees: Yes.

EMTS 122 EMT Medical Emergencies 4 Credits

Knowledge and skills to effectively provide emergency care and transportation to a patient experiencing a medical emergency. Focus on the integration of the physical exam, medical history, and pathophysiology when assessing and treating the medical patient.

Corequisites: EMTS 121, EMTS 123, EMTS 124, and EMTS 170.

Terms Typically Offered: Fall, Spring.

Fees: Yes.

EMTS 123 EMT Trauma Emergencies 2 Credits

Knowledge and skills to provide appropriate emergency care and transportation of a patient who has suffered a traumatic injury. The concepts of kinematics and the biomechanics of trauma, along with pathophysiology and injury patterns, will provide the student with the ability to assess and manage the trauma patient.

Corequisites: EMTS 121, EMTS 122, EMTS 124, and EMTS 170.

Terms Typically Offered: Fall, Spring.

Fees: Yes.

EMTS 124 EMT Special Considerations 2 Credits

Knowledge and skills required to modify the assessment, treatment, and transportation of special patient populations and patients in special circumstances. This course also provides an overview of incident command, mass casualty incidents, vehicle extrication, air medical support, hazardous materials, and terrorism.

Corequisites: EMTS 121, EMTS 122, EMTS 123, and EMTS 170.

Terms Typically Offered: Fall, Spring.

Fees: Yes.

EMTS 130 Emergency Medical Technician - Basic IV Therapy 2 Credits

Focuses on cognitive and skill practice as required by Colorado Prehospital Care program for EMT-Basic level IV approval. Examines criteria, procedures and techniques for IV therapy, discusses fluid and electrolyte balance and principles and treatment for shock.

Fees: Yes.

EMTS 170 EMT Clinical 1 Credit

Clinical experience required for initial certification and some renewal processes.

Corequisites: EMTS 121, EMTS 122, EMTS 123, and EMTS 124.

Terms Typically Offered: Fall, Spring.

Fees: Yes.

EMTS 190 Emergency Medical Technician - Basic EKG Interpretation 2 Credits

Interpretation of EKG strips, anatomy and physiology of the heart, using three-lead monitoring as a guide. Introduction to twelve-lead EKG.

EMTS 196 Topics: 1-3 Credits

Course may be taken multiple times up to maximum of 15 credit hours.

EMTS 225 Fundamentals of Paramedic Practice 3 Credits

Introduction to the fundamentals of paramedicine. Comprehensive study of anatomy, physiology, pharmacology, and airway management. The course is designed to prepare students for entry-level paramedic roles. Labs provide practical application of paramedic skills.

Prerequisites: EMTS 130, EMTS 190, completion of EMT certificate, and current CPR card.

Corequisites: EMTS 225L.

Terms Typically Offered: Fall.

EMTS 225L Fundamentals of Paramedic Practice Laboratory 2 Credits

Introduction to the fundamentals of paramedicine. Comprehensive study of anatomy, physiology, pharmacology, and airway management. The course is designed to prepare students for entry-level paramedic roles. Labs provide practical application of paramedic skills.

Corequisites: EMTS 225.

Terms Typically Offered: Fall.

Fees: Yes.

EMTS 227 Paramedic Special Considerations 3 Credits

Introduction to advanced concepts in problem-focused patient history, diagnostic skills, and assessments necessary for special populations. Focuses on a comprehensive study of advanced life support practice. Labs provide practical, hands-on experience.

Prerequisites: EMTS 225/EMTS 225L.

Corequisites: EMTS 227L.

Terms Typically Offered: Spring.

EMTS 227L Paramedic Special Considerations Laboratory 2 Credits

Introduction to advanced concepts in problem-focused patient history, diagnostic skills, and assessments necessary for special populations. Focuses on a comprehensive study of advanced life support practice. Labs provide practical, hands-on experience.

Prerequisites: EMTS 225/EMTS 225L.

Corequisites: EMTS 227.

Terms Typically Offered: Spring.

Fees: Yes.

EMTS 229 Paramedic Pharmacology 3 Credits

Comprehensive study of emergency pharmacology and its effects on the human body. Labs provide practical applications of pre-hospital emergency medications.

Prerequisites: EMTS 225/EMTS 225L (may be taken concurrently).

Corequisites: EMTS 229L.

Terms Typically Offered: Fall.

EMTS 229L Paramedic Pharmacology Laboratory 2 Credits

Comprehensive study of emergency pharmacology and its effects on the human body. Labs provide practical applications of pre-hospital emergency medications.

Prerequisites: EMTS 225/EMTS 225L (may be taken concurrently).

Corequisites: EMTS 229.

Terms Typically Offered: Fall.

Fees: Yes.

EMTS 231 Paramedic Cardiology 5 Credits

Exploration of advanced cardiology topics as presented in the National Standard Curriculum for paramedics. Labs provide practical experience with advanced 12-lead interpretation.

Prerequisites: EMTS 225/EMTS 225L (may be taken concurrently).

Corequisites: EMTS 231L.

Terms Typically Offered: Fall.

EMTS 231L Paramedic Cardiology Laboratory 1 Credit

Exploration of advanced cardiology topics as presented in the National Standard Curriculum for paramedics. Labs provide practical experience with advanced 12-lead interpretation.

Prerequisites: EMTS 225/EMTS 225L (may be taken concurrently).

Corequisites: EMTS 231.

Terms Typically Offered: Fall.

Fees: Yes.

EMTS 233 Paramedic Medical Emergencies 4 Credits

Emphasis on the pathophysiology, diagnosis, and management of disease and conditions in the emergency setting. Labs provide hands-on experiences in live scenarios.

Prerequisites: EMTS 225/EMTS 225L.

Corequisites: EMTS 233L.

Terms Typically Offered: Spring.

EMTS 233L Paramedic Medical Emergencies Laboratory 1 Credit

Emphasis on the pathophysiology, diagnosis, and management of disease and conditions in the emergency setting. Labs provide hands-on experiences in live scenarios.

Prerequisites: EMTS 225/EMTS 225L.

Corequisites: EMTS 233.

Terms Typically Offered: Spring.

Fees: Yes.

EMTS 235 Paramedic Trauma Emergencies 4 Credits

Comprehensive study of adult and pediatric trauma emergencies, with an in-depth study of the pharmacology involved in trauma patient care. Labs provide practical hands-on experience.

Prerequisites: EMTS 225/EMTS 225L.

Corequisites: EMTS 235L.

Terms Typically Offered: Spring.

EMTS 235L Paramedic Trauma Emergencies Laboratory 1 Credit

Comprehensive study of adult and pediatric trauma emergencies, with an in-depth study of the pharmacology involved in trauma patient care. Labs provide practical hands-on experience.

Prerequisites: EMTS 225/EMTS 225L.

Corequisites: EMTS 235.

Terms Typically Offered: Spring.

Fees: Yes.

EMTS 237 Paramedic Internship Preparation 2 Credits

Review of concepts and techniques used in the prehospital setting. Prepares the student to enter into field internships.

Prerequisites: EMTS 225/EMTS 225L, EMTS 227/EMTS 227L, EMTS 229/EMTS 229L, EMTS 231/EMTS 231L, EMTS 233/EMTS 233L, and EMTS 235/EMTS 235L.

Terms Typically Offered: Summer.

EMTS 280 Paramedic Internship I 6 Credits

Preceptor/internship program for paramedic students and the third phase of the National Standard Paramedic Curriculum course, as approved by the Colorado Department of Public Health and Environment. Includes 250 contact hours.

Prerequisites: EMTS 237 (may be taken concurrently).

Terms Typically Offered: Summer.

Fees: Yes.

EMTS 281 Paramedic Internship II 6 Credits

Continuation of EMTS 280, a preceptor program for paramedic students. Includes 250 contact hours.

Prerequisites: EMTS 280 (may be taken concurrently).

Terms Typically Offered: Summer.

Fees: Yes.