

EMSP – Emergency Medical Services

EMSP 1010 - Emergency Medical Responder 4.000 Credits

Prerequisites: Regular Status

The Emergency Medical Responder (EMR) course prepares the student to provide initial stabilizing care to the sick or injured prior to the arrival of Emergency Medical Services Professionals (EMS), and to assist EMS personnel in transporting patients for definitive care at an appropriate hospital/facility. Major areas of instruction include medical terminology and anatomy & physiology; responder safety; incident command; bloodborne pathogen training; basic physical assessment; and treatment of trauma and medical emergencies; cardiopulmonary resuscitation and the use of Automatic External Defibrillators. The course is a blend of lecture, hands on lab/learning, and practical scenario based learning/testing. The course will include Healthcare Provider CPR/AED Certification from a Nationally Recognized Body (American Heart Association, Red Cross, etc). If this course is also approved by the Georgia State Office of Emergency Medical Services and Trauma (SOEMST), successful completion will allow the student to be eligible to take the National Registry of Emergency Medical Technicians (NREMT) Emergency Medical Responder (EMR) certification. Topics include preparatory; anatomy and physiology; medical terminology; pathophysiology; life span development; public health; pharmacology; airway; management; respiration and artificial ventilation; assessment; medicine; shock and resuscitation; trauma; special patient populations; EMS operations; and integration of patient assessment and management.

EMSP 1110 - Introduction to the EMT Profession 3.000 Credits

Prerequisite: Regular Status

This course serves as the introductory course to the Emergency Medical Services (EMS) profession. It orients the student to the prehospital care environment, issues related to the provision of patient care in both in-hospital and out-of-hospital circumstances. It further provides foundational information upon which subsequent curriculum content is based so that successful completion of this content increases the potential for success in subsequent courses and should allow students to apply the fundamental knowledge, skills, and attitudes gained in order to effectively communicate and function safely, ethically and professionally within the emergency medical services environment. Topics include anatomy and physiology, medical terminology, pathophysiology, CPR for HCP, EMS systems, research, workforce safety and wellness, documentation, EMS system communication, therapeutic communication, medical/legal and ethics, public health, principles of safely operating a ground ambulance, incident management, multiple casualty incidents, air medical, vehicle extrication, hazmat, MCI due to terrorism/disaster, and life span development.

EMSP 1120 - EMT Assessment/Airway Management and Pharmacology 3.000 Credits

This course prepares students for initial scene management and assessment of patients as well as management of the airway. Introduction to pharmacology is also covered. Includes application of scene information and patient assessment findings (scene size up, primary and secondary assessment, patient history, and reassessment) to guide emergency management. Topics include scene size-up; primary assessment; history taking; secondary assessment; monitoring devices; reassessment; airway management; respiration; artificial ventilation; principles of pharmacology; medication administration; and emergency medications.

EMSP 1130 - Medical Emergencies for the EMT 3.000 Credits

This course integrates pathophysiological principles and assessment findings to formulate a field impression and implement the treatment plan of cases involving non-traumatic medical emergencies. Topics include medical overview; neurology; abdominal and gastrointestinal disorders; immunology; infectious disease; endocrine disorders; psychiatric; cardiovascular; toxicology; respiratory; hematology; genitourinary/renal; non-traumatic musculoskeletal disorders; diseases of the eyes, ears, nose, and throat; and medical assessments.

EMSP 1140 - Special Patient Populations 3.000 Credits

This course provides a fundamental knowledge of growth, development, and aging and assessment findings to provide basic emergency care and transportation for a patient with special needs. Topics include obstetrics, gynecology, neonatal care, pediatrics, geriatrics, patients with special challenges, and special patient populations - assessments.

EMSP 1150 - Shock and Trauma for the EMT 3.000 Credits

This course is designed to prepare the EMT student to apply pre-hospital emergency care to patients who have sustained injuries resulting from various mechanisms of injury, including abdominal and genitourinary trauma; orthopedic trauma; soft tissue trauma; head, facial, neck, and spine trauma and nervous system trauma. Special considerations in trauma related injuries will be presented including the physiology of shock as well as multi-system trauma and environmental emergencies. Topics include shock and resuscitation; trauma overview; bleeding; chest trauma; abdominal and genitourinary trauma; orthopedic trauma; soft tissue trauma; head, facial, neck, and spine trauma; nervous system trauma; special considerations in trauma; environmental emergencies; and multi-system trauma.

EMSP 1160 - Clinical and Practical Applications for the EMT 1.000 Credits

This course provides supervised clinical experience in various clinical settings as well as opportunities to demonstrate critical thinking skills and assessment based management techniques through competency based evaluations relevant to the practice of an EMT. Topics include clinicals and assessment based management.

EMSP 1510 - Advanced Concepts for the AEMT 3.000 Credits

Prerequisites: Regular Status

This course serves as the introductory course to the advanced level practice of the Advanced Emergency Medical Technician (AEMT). It expands on the information attained at the EMT level. Topics include EMS systems; documentation; EMS system communication; therapeutic communication; principles of pharmacology; medication administration; emergency medications; airway management; respiration; artificial ventilation; primary assessment; and secondary assessment.

EMSP 1520 - EMT Advanced Patient Care for the AEMT 3.000 Credits

This course provides opportunities to apply fundamental knowledge of basic and selected advanced emergency care and transportation based on assessment findings for the following: an acutely ill patient; a patient in shock, respiratory failure or arrest, cardiac failure or arrest, and post resuscitation management; and an acutely injured patient. In addition, it provides a fundamental knowledge of growth, development, and aging and assessment findings to provide basic and selected advanced emergency care and transportation for a patient with special needs. Topics include geriatrics; patients with special challenges; medical overview; neurology; immunology; infectious disease; endocrine disorders;

cardiovascular; toxicology; respiratory; hematology; genitourinary/renal; shock and resuscitation; chest trauma; abdominal and genitourinary trauma; orthopedic trauma; head, facial, neck, and spine trauma; nervous system trauma; and integration of medical/trauma assessments.

EMSP 1530 - Clinical Applications for the AEMT
1.000 Credits

This course provides supervised clinical experience in various clinical settings.

EMSP 1540 - Clinical and Practical Applications for the AEMT
3.000 Credits

This course provides supervised clinical experience in various clinical settings as well as opportunities to demonstrate critical thinking skills and assessment based management techniques through competency based evaluations relevant to the practice of an AEMT. Topics include clinicals and assessment based management.