

Course Description**EMS0110 | Emergency Medical Technician | 10.00 credits/300 clock hours**

The Emergency Medical Technician (EMT) course prepares students to provide pre-hospital assessment and care for patients of all ages with a variety of medical conditions and traumatic injuries. Areas of study include an introduction to emergency medical services systems, roles and responsibilities of EMTs, anatomy and physiology, medical emergencies, trauma, special considerations for working in the pre-hospital setting, and providing patient transportation.

Course Competencies

Competency 1: The student will demonstrate a simple depth and foundational breadth of EMS systems by:

1. Defining emergency medical services (EMS) systems
2. Discussing the historical background of the development of the EMS system
3. Identifying the four levels of national EMS providers (EMR, EMT, AEMT, and PM) as well as the three levels in the state of Florida
4. Discussing the specific statutes and regulations regarding the EMS system in Florida
5. Characterizing the EMS system's role in prevention and public education
6. Discussing the roles and responsibilities of the EMT related to personal safety of the crew, patient, and bystanders
7. Discussing the roles and responsibilities of the EMT to operate emergency vehicles, provide scene leadership, and perform patient assessment and administer emergency care
8. Discussing the maintenance of certification and licensure for the EMT in the state of Florida and NREMT

Competency 2: The student will demonstrate a fundamental depth, foundational breadth of the principles of medical documentation and report writing by:

1. Recognizing applications of technology in healthcare
2. Interpreting and utilizing information from electronic health records
3. Explaining the legal implications of the patient care report
4. Demonstrating how to document refusal of care, including legal implications

Competency 3: The student will demonstrate a fundamental depth, foundational breadth of medical legality and ethics by:

1. Differentiating between expressed, implied, and involuntary consent
2. Discussing the methods of obtaining consent and procedures for minors
3. Discussing the issues of abandonment, negligence, false imprisonment, and battery and their implications to the EMT
4. Discussing state of Florida and federal special reporting situations including:
 - Abuse
 - Sexual assault
 - Gunshot and knife wounds
 - Communicable disease.

Competency 4: The student will demonstrate the application of fundamental knowledge of the anatomy and function of all human systems to the practice of EMS by:

1. Labeling the following topographic terms:
 - Medial
 - Lateral
 - Proximal
 - Distal

- Superior
 - Inferior
 - Anterior
 - Posterior
 - Midline
 - Right and left
 - Mid-clavicular
 - Bilateral
 - Mid-axillary
2. Charting the life support chain, aerobic metabolism, and anaerobic metabolism
 3. Defining anatomy, physiology, pathophysiology, and homeostasis
 4. Identifying and describing the anatomical structures and functions of the following:
 - Skeletal system
 - Muscular system
 - Respiratory system
 - Circulatory/cardiovascular system
 - Nervous system
 - Integumentary system
 - Digestive system
 - Endocrine system including glands and hormones
 - Renal system
 - Reproductive system
 - Lymphatic system
 5. Describing the different types of muscle tissues including skeletal, smooth, and cardiac
 6. Naming and identifying the location of the bones of the axial and appendicular skeleton
 7. Describing the classification and types of joints
 8. Describing the general function of the respiratory system and its structures

Learning Outcomes

- Communicate effectively using listening, speaking, reading, and writing skills
- Solve problems using critical and creative thinking and scientific reasoning
- Formulate strategies to locate, evaluate, and apply information