



LEARNING OUTCOMES

Certificate

Program: Emergency Medical Technician-Basic

Upon completion of this program, students will be able to:

1. Apply fundamental knowledge of the EMS system, safety/well-being of the EMT, and medical/legal and ethical issues to the provision of emergency care.
2. Apply fundamental knowledge of the anatomy and function of all human systems to the practice of EMS.
3. Use foundational anatomical and medical terms and abbreviations in written and oral communication with colleagues and other health care professionals.
4. Apply fundamental knowledge of the pathophysiology of respiration and perfusion to patient assessment and management.
5. Apply fundamental knowledge of life span development to patient assessment and management.
6. Use simple knowledge of the principles of illness and injury prevention in emergency care.
7. Apply fundamental knowledge of the medications that the EMT may assist/administer to a patient during an emergency.
8. Apply knowledge (fundamental depth, foundational breadth) of anatomy and physiology to patient assessment and management in order to assure a patient airway, adequate mechanical ventilation, and respiration for patients of all ages.

9. Apply scene information and patient assessment findings (scene size-up, primary and secondary assessment, patient history, reassessment) to guide emergency management.
10. Apply fundamental knowledge to provide basic emergency care and transportation based on assessment findings for an acutely ill patient.
11. Apply a fundamental knowledge of the causes, pathophysiology, and management of shock, respiratory failure or arrest, cardiac failure or arrest, and post-resuscitation management.
12. Apply a fundamental knowledge of growth, development, aging and assessment findings to provide basic emergency care and transportation for a patient with special needs.
13. Have knowledge of operational roles and responsibilities to ensure patient, public, and personnel safety.