



National Guidelines for Apprenticeship Standards

Emergency Medical Technician



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Emergency Medical Technician (EMT)

Job Description:

Assess injuries and illnesses and administer basic emergency medical care. May transport injured or sick persons to medical facilities.

Appendix A-1: Work Process Schedule

O*NET-SOC CODE: 29-2042.00 RAPIDS CODE: 0730

1. Inform medical professionals regarding patient conditions and care.	Approximate Hours
A. Communicate with dispatchers or treatment center personnel to provide information about situation, to arrange reception of victims, or to receive instructions for further treatment.	125
B. Observe, record, and report to physician the patient's condition or injury, the treatment provided, and reactions to drugs or treatment.	125
Total Hours	250

2. Treat medical emergencies.	Approximate Hours
A. Administer first aid treatment or life support care to sick or injured persons in prehospital settings.	125
B. Perform emergency diagnostic and treatment procedures, such as stomach suction, airway management, or heart monitoring, during ambulance ride.	125
Total Hours	250

3. Analyze patient data to determine patient needs or treatment goals.	Approximate Hours
A. Assess nature and extent of illness or injury to establish and prioritize medical procedures.	200
Total Hours	200

4. Collaborate with healthcare professionals to plan or provide treatment.	Approximate Hours
A. Coordinate work with other emergency medical team members or police or fire department personnel.	150
Total Hours	150

5. Drive vehicles to transport individuals or equipment.		Approximate Hours
A. Drive mobile intensive care unit to specified location, following instructions from emergency medical dispatcher.		150
Total Hours		150
6. Interact with patients to build rapport or provide emotional support.		Approximate Hours
A. Comfort and reassure patients.		125
Total Hours		125
7. Maintain inventory of medical supplies or equipment.		Approximate Hours
A. Maintain vehicles and medical and communication equipment and replenish first aid equipment and supplies.		125
Total Hours		125
8. Maintain medical equipment or instruments.		Approximate Hours
A. Maintain vehicles and medical and communication equipment and replenish first aid equipment and supplies.		125
Total Hours		125
9. Maintain medical or professional knowledge.		Approximate Hours
A. Attend training classes to maintain certification licensure, keep abreast of new developments in the field, or maintain existing knowledge.		125
Total Hours		125
10. Monitor patient progress or responses to treatments.		Approximate Hours
A. Observe, record, and report to physician the patient's condition or injury, the treatment provided, and reactions to drugs or treatment.		125
Total Hours		125
11. Position patients for treatment or examination.		Approximate Hours
A. Immobilize patient for placement on stretcher and ambulance transport, using backboard or other spinal immobilization device.		125
Total Hours		125

12. Record patient medical histories.	Approximate Hours
A. Observe, record, and report to physician the patient’s condition or injury, the treatment provided, and reactions to drugs or treatment.	125
Total Hours	125

13. Sterilize medical equipment or instruments.	Approximate Hours
A. Decontaminate ambulance interior following treatment of patient with infectious disease, and report case to proper authorities.	125
Total Hours	125

Grand Total Hours	2,000
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Appendix A-2: Related Technical Instruction

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Class Number	Class Name	Credits	Hours
EMTP101	<p>BASIC EMT The Emergency Medical Technician course serves as a vital link in the chain of the healthcare team. The EMT can recognize the nature and seriousness of the patient condition or extent of the injuries to assess requirements for emergency medical care. The EMT will administer appropriate care based on assessment findings. The EMT will lift, move, position, and otherwise handle and transport the patient to minimize discomfort and prevent further injury.</p> <p>COURSE OBJECTIVES: Upon completion of this course, the apprentice will be able to:</p> <ul style="list-style-type: none"> • Recognize the nature and seriousness of the patient’s condition or extent of injuries to assess requirements for emergency medical care • Administer appropriate emergency medical care based on assessment findings of the patient’s condition • Lift, move, position and otherwise handle the patient to minimize discomfort and prevent further injury 	5	75
EMTP102	<p>ADVANCED EMERGENCY TECHNICIAN</p> <ul style="list-style-type: none"> • Students perform emergency patient care, basic life support and limited advanced life support in the field, transporting injured and ill patients to hospital emergency departments. They also perform care in hospital emergency departments <p>COURSE OBJECTIVES: Upon completion of this course, the apprentice will be able to:</p> <ul style="list-style-type: none"> • Demonstrate the ability to comprehend, apply and evaluate the clinical information relative to his/her role as an entry-level advanced EMT • Demonstrate technical proficiency in all skills necessary to fulfill the role of entry-level advanced EMT • Demonstrate personal behaviors consistent with professional and employer expectations for the entry-level advanced EMT 	4	60

Class Number	Class Name	Credits	Hours
EMTP103	<p>PARAMEDIC MEDICAL PRINCIPLES</p> <p>This course addresses the complex depth of anatomy, physiology, and pathophysiology of major human systems while also introducing the paramedic students to the topics of shock, immunology, and bleeding.</p> <p>COURSE OBJECTIVES:</p> <p>Upon completion of this course, the apprentice will be able to:</p> <ul style="list-style-type: none"> • Describe basic principles and concepts related to the structure and functions of biological molecules, cells, tissues, organs, and selected systems of the human body. • Demonstrate the proper techniques for dealing with shock, immunology and bleeding 	3	45
	TOTAL	12	180



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