

Course Title: Emergency Medical Responder 3
Course Number: 8417171
Course Credit: 1

Course Description:

This course prepares students to be employed as Emergency Medical Responders. Content includes, but not limited to, identifying and practicing within the appropriate scope of practice for a Emergency Medical Responder, demonstrating correct medical procedures for various emergency situations, proficiency in the appropriate instruments used, as well as a foundation in the musculo-skeletal system of the body.

CTE Standards and Benchmarks		FS-M/LA	NGSS-Sci
34.0	Demonstrate an understanding of the roles and responsibilities of the Emergency Medical Responder—The student will be able to:		SC.912.L.17.16 SC.912.P.8.10 SC.912.P.8.11 SC.912.P.10.21 SC.912.P.12.1 SC.912.P.12.3 SC.912.P.12.5
34.01	Describe the role of Emergency Medical Responder as a member of the EMS Team.	LAFS.1112.L.1.1 LAFS.1112.L.1.2 LAFS.1112.RI.4.10 LAFS.1112.W.1.2 LAFS.1112.W.4.10 LAFS.1112.W.2.4 LAFS.1112.SL.2.4	
34.02	List and describe the responsibilities of the Emergency Medical Responder for the provision of pre-hospital emergency care within the local EMS system.	LAFS.1112.RI.2.4 LAFS.1112.RI.3.7 LAFS.1112.RI.4.10 LAFS.1112.W.1.2 LAFS.1112.W.2.4 LAFS.1112.W.4.10 LAFS.1112.SL.2.4 LAFS.1112.L.1.1 LAFS.1112.L.1.2	
34.03	Describe principles of safely operating a ground ambulance.	LAFS.1112.RI.2.4 LAFS.1112.RI.3.7 LAFS.1112.RI.4.10 LAFS.1112.W.1.2 LAFS.1112.W.2.4	

CTE Standards and Benchmarks		FS-M/IA	NGSS-Sci
		LAFS.11.12.W.4.10 LAFS.1112.SL.2.4 LAFS.1112.L.1.1 LAFS.1112.L.1.2	
34.04	Understand the guidelines of operating safety in and around a landing zone during air medical operations and transport.	LAFS.1112.RI.2.4 LAFS.1112.SL.1.1 LAFS.1112.SL.1.2 LAFS.1112.L.3.4 LAFS.1112.L.3.6	
34.05	Implement appropriate Joint Commission patient safety goals.	LAFS.1112.RI.2.4 LAFS.1112.SL.1.1 LAFS.1112.SL.1.2 LAFS.1112.L.3.4 LAFS.1112.L.3.6	
34.06	Discuss and demonstrate Hazardous Waste Operations and Emergency Response (HAZWOPER) standard, 29 CFR 1910.120 (q)(6)(i) –First Responder Awareness Level http://www.hazwopercertification.net/	LAFS.1112.RI.2.4 LAFS.1112.SL.1.1 LAFS.1112.SL.1.2 LAFS.1112.L.3.4 LAFS.1112.L.3.6 MAFS.912.N-Q.1.3	
35.0	Demonstrate an ability to communicate effectively as part of the EMS team--The student will be able to:		
35.01	Demonstrate the proper procedure for the transfer of patient care to other EMS personnel.	LAFS.1112.SL.2.4 LAFS.1112.SL.2.6 LAFS.1112.L.1.1 LAFS.1112.L.3.4 LAFS.1112.L.3.6	
35.02	Describe information regarding a patient's condition and treatment that need to be communicated.	LAFS.1112.L.1.1 LAFS.1112.L.3.4 LAFS.1112.L.3.6	
35.03	Communicate the Emergency Medical Responder's observations and actions to whomever patient care is transferred.	LAFS.1112.L.1.1 LAFS.1112.L.3.4 LAFS.1112.L.3.6	
35.04	Describe and apply the principles of communicating with patients in a manner that achieves a positive relationship.	LAFS.1112.L.1.1 LAFS.1112.L.3.4 LAFS.1112.L.3.6	
35.05	Recognize simple medical prefixes, suffixes and combining words.	LAFS.1112.L.1.1 LAFS.1112.L.3.4 LAFS.1112.L.3.6	
36.0	Demonstrate an understanding of medicolegal aspects--The student will be able to:		SC.912.L.16.10

CTE Standards and Benchmarks	FS-M/LA	NGSS-Sci
36.01 Describe and demonstrate an understanding of the medicolegal aspects of a Emergency Medical Responder's provision of emergency medical care in the jurisdiction having authority, including, but not limited to, duty to act, standard of care, consent to care, forcible restraint, abandonment, documentation and any applicable Good Samaritan Laws.	LAFS.1112.RI.4.10 LAFS.1112.W.1.2 LAFS.1112.W.2.4 LAFS.1112.W.4.10 LAFS.1112.SL.2.4 LAFS.1112.L.1.1 LAFS.1112.L.1.2 LAFS.1112.L.3.4 LAFS.1112.L.3.6	
36.02 Practice within medicolegal standards.		SC.912.L.14.39 SC.912.L.14.40 SC.912.P.12.12
37.0 Determine and record vital signs of a sick or injured person—The student will be able to:		
37.01 Determine and record skin color, temperature and moistness.	LAFS.1112.L.3.4 LAFS.1112.L.3.6 LAFS.1112.SL.1.2 LAFS.1112.SL.2.4	
37.02 Demonstrate ability to accurately measure and record vital signs including manual blood pressure.	LAFS.1112.L.3.4 LAFS.1112.L.3.6 MAFS.912.N-Q.1.1 MAFS.912.N-Q.1.3	
38.0 Use medical identification devices—The student will be able to:		
38.01 Identify the most commonly used medical identification devices.	LAFS.1112.L.3.6	
38.02 Apply the information contained on or in the medical identification devices to patient assessment and patient care procedures.	LAFS.1112.L.3.6 LAFS.1112.SL.1.2	
39.0 Conduct a primary assessment of problems that are a threat to life if not corrected immediately—The student will be able to:		SC.912.L.14.25
39.01 Determine and record the level of consciousness of the injured person.	LAFS.1112.SL.1.2 LAFS.1112.SL.2.4 LAFS.1112.SL.2.6	
39.02 Assess for an inadequate airway, inadequate respiration's, inadequate circulation and profuse bleeding.	LAFS.1112.SL.1.2 LAFS.1112.SL.2.4 LAFS.1112.SL.2.6	
39.03 Recognize when immediate correction is necessary.	LAFS.1112.SL.1.2 LAFS.1112.SL.2.4 LAFS.1112.SL.2.6	
39.04 Assess patient and determine if the patient has a life threatening condition.	LAFS.1112.SL.1.2 LAFS.1112.SL.2.4 LAFS.1112.SL.2.6	
39.05 Use spinal precautions as appropriate	LAFS.1112.SL.1.2	

CIE Standards and Benchmarks		FS-M/LA	NGSS-Sci
40.0	Demonstrate BLS procedures–The student will be able to:	LAFS.1112.SL.2.4 LAFS.1112.SL.2.6	SC.912.L.14.36 SC.912.L.14.37 SC.912.P.10.15
40.01	Establish and maintain an open airway using both manual and mechanical airway techniques.	LAFS.1112.SL.1.2 LAFS.1112.SL.2.4 LAFS.1112.SL.2.6	
40.02	Restore breathing and circulation by means of cardiopulmonary resuscitation (CPR).	LAFS.1112.SL.1.2 LAFS.1112.SL.2.4 LAFS.1112.SL.2.6	
40.03	Demonstrate proficiency in the use of an automated external defibrillator (AED).	LAFS.1112.SL.1.2 LAFS.1112.SL.2.4 LAFS.1112.SL.2.6	
41.0	Recognize and control bleeding–The student will be able to:		SC.912.L.14.34 SC.912.L.14.40
41.01	Identify items that can be used to control external bleeding and minimize the contamination of open wounds.	LAFS.1112.SL.1.2 LAFS.1112.SL.2.4 LAFS.1112.SL.2.6	
41.02	Apply pressure dressings that will control bleeding and minimize the contamination of open wounds.	LAFS.1112.SL.1.2 LAFS.1112.SL.2.4 LAFS.1112.SL.2.6	
41.03	Identify the likelihood of internal bleeding through observations of signs, symptoms and mechanisms of injury.	LAFS.1112.SL.1.2 LAFS.1112.SL.2.4 LAFS.1112.SL.2.6	
41.04	Care for a patient who exhibits the signs and symptoms of internal bleeding.	LAFS.1112.SL.1.2 LAFS.1112.SL.2.4 LAFS.1112.SL.2.6	
42.0	Recognize and control shock–The student will be able to:		SC.912.P.10.15
42.01	Recognize the likelihood that shock may occur or be present on the basis of patient assessment and observation of a mechanism of injury.	LAFS.1112.SL.1.2 LAFS.1112.SL.2.4 LAFS.1112.SL.2.6	
42.02	Provide anti-shock measures as a part of routine patient care.	LAFS.1112.SL.1.2 LAFS.1112.SL.2.4 LAFS.1112.SL.2.6	
43.0	Understand the importance of emergency medications–The student will be able to:		SC.912.L.14.44
43.01	Understand the advantages, disadvantages and techniques of self and peer administration of an intramuscular injection by Auto injector.	LAFS.1112.SL.1.2 LAFS.1112.SL.2.4 LAFS.1112.SL.2.6 LAFS.1112.RI.1.1	

CTE Standards and Benchmarks		FS-M/LA	NGSS-Sci
43.02	Describe the names, effects, indications, routes of administration and dosages for specific medications (I.E Chemical Antidote Auto injector Devices).	LAFS.1112.RI.3.7 LAFS.1112.SL.1.2 LAFS.1112.SL.2.4 LAFS.1112.SL.2.6 MAFS.912.N-Q.1.3	
44.0	Demonstrate understanding of airway management, respiration and artificial ventilation–The student will be able to:		SC.912.L.14.43
44.01	Apply knowledge of Anatomy and Physiology to airway management procedures (I.E. Oxygenation and perfusion)	LAFS.1112.SL.1.2 LAFS.1112.SL.2.4 LAFS.1112.SL.2.6 LAFS.1112.RI.3.7	
44.02	Understand the pathophysiology of respiratory dysfunction.	LAFS.1112.SL.1.2 LAFS.1112.SL.2.4 LAFS.1112.SL.2.6 LAFS.1112.RI.3.7	
44.03	Use available mechanical devices to assure the maintenance of an open airway and assist ventilation (i.e. pocket mask, Bag-valve mask, Sellick's maneuver)	LAFS.1112.SL.1.2 LAFS.1112.SL.2.4 LAFS.1112.SL.2.6 LAFS.1112.RI.3.7	
44.04	Demonstrate proficiency in supplemental oxygen therapy including portable oxygen cylinder and oxygen delivery devices.	LAFS.1112.SL.1.2 LAFS.1112.SL.2.4 LAFS.1112.SL.2.6	
44.05	Describe and demonstrate airway management utilizing of upper airway suctioning.	LAFS.1112.SL.1.2 LAFS.1112.SL.2.4 LAFS.1112.SL.2.6	
45.0	Provide secondary assessment–The student will be able to:		SC.912.N.1.1
45.01	Conduct a methodical head-to-toe physical examination to discover conditions not found during the primary assessment.	LAFS.1112.SL.1.2 LAFS.1112.SL.2.4 LAFS.1112.SL.2.6	
45.02	Interview the sick or injured person to obtain facts relevant to the person's condition.	LAFS.1112.SL.1.2 LAFS.1112.SL.2.4 LAFS.1112.SL.2.6 LAFS.1112.SL.1.3	
45.03	Interview co-workers, witnesses, family members, or other individuals to obtain facts relevant to the person's condition.	LAFS.1112.SL.1.2 LAFS.1112.SL.2.4 LAFS.1112.SL.2.6 LAFS.1112.SL.1.3	
46.0	Identify musculo-skeletal injuries–The student will be able to:		SC.912.L.14.12 SC.912.L.14.25 SC.912.L.14.28

CTE Standards and Benchmarks		FS-M/LA	NGSS-Sci
46.01	Identify the various types of musculo-skeletal injuries.	LAFS.1112.SL.1.2 LAFS.1112.SL.2.4 LAFS.1112.SL.2.6 LAFS.1112.L.3.6	SC.912.P.12.3
46.02	Immobilize and otherwise care for suspected fractures, dislocations, sprains and strains with available supplies and equipment, including commercially available and improvised devices.	LAFS.1112.SL.1.2 LAFS.1112.SL.2.4 LAFS.1112.SL.2.6	
47.0	Demonstrate proper immobilization of an Cervical/Spinal injury–The student will be able to:		SC.912.L.14.13 SC.912.L.14.14 SC.912.L.14.25 SC.912.L.14.28
47.01	Identify need for spinal immobilization	LAFS.1112.SL.1.2 LAFS.1112.SL.2.4 LAFS.1112.SL.2.6 LAFS.1112.RI.3.7	
47.02	Maintain in-line immobilization of cervical spine	LAFS.1112.SL.1.2 LAFS.1112.SL.2.4 LAFS.1112.SL.2.6	
47.03	Place proper fitting rigid extrication-type cervical collar	LAFS.1112.SL.1.2 LAFS.1112.SL.2.4 LAFS.1112.SL.2.6	
47.04	Place patient in supine position on full length spine board	LAFS.1112.SL.1.2 LAFS.1112.SL.2.4 LAFS.1112.SL.2.6	
47.05	Secure patient to immobilization device	LAFS.1112.SL.1.2 LAFS.1112.SL.2.4 LAFS.1112.SL.2.6	
48.0	Demonstrate proper extremity immobilization as well as other immobilization for other injuries (pelvis, ribs)–The student will be able to:		SC.912.L.14.12 SC.912.L.14.13 SC.912.L.14.14
48.01	Identify need for extremity immobilization	LAFS.1112.SL.1.2 LAFS.1112.SL.2.4 LAFS.1112.SL.2.6 LAFS.1112.RI.3.7	
48.02	Assesses motor, sensory, and distal circulation in extremities	LAFS.1112.SL.1.2 LAFS.1112.SL.2.4 LAFS.1112.SL.2.6 LAFS.1112.RI.3.7	
48.03	Place proper fitting splint on extremity	LAFS.1112.SL.1.2	

CTE Standards and Benchmarks		FS-M/LA	NGSS-Sci
48.04	Reassesses motor, sensory, and distal circulation in extremities	LAFS.1112.SL.2.4 LAFS.1112.SL.2.6 LAFS.1112.SL.1.2 LAFS.1112.SL.2.4 LAFS.1112.SL.2.6 LAFS.1112.RI.3.7	
49.0	Provide emergency evacuation and transfer of a sick and/or injured person–The student will be able to:		SC.912.N.1.1
49.01	Describe situations when a person should be evacuated or transferred.	LAFS.1112.SL.1.2 LAFS.1112.SL.2.4 LAFS.1112.SL.2.6 LAFS.1112.RI.3.7 LAFS.1112.RI.4.10 LAFS.1112.W.1.2 LAFS.1112.W.2.4 LAFS.11.12.W.4.10 LAFS.1112.L.1.1 LAFS.1112.L.1.2	
49.02	Use the most appropriate assist, drag or carry (alone or with a partner) to move a sick or injured person from a dangerous location to a safe place.	LAFS.1112.SL.1.2 LAFS.1112.SL.2.4 LAFS.1112.SL.2.6	
49.03	Maintain safety precautions during evacuation and transfer.	LAFS.1112.SL.1.2 LAFS.1112.SL.2.4 LAFS.1112.SL.2.6	
50.0	Identify and provide initial care for a sick and/or injured patient–The student will be able to:		SC.912.L.14.2 SC.912.L.14.6 SC.912.L.14.21 SC.912.L.14.24 SC.912.L.14.29 SC.912.L.14.30 SC.912.L.14.32 SC.912.L.14.38 SC.912.L.14.39 SC.912.L.14.44 SC.912.L.14.46 SC.912.L.14.49 SC.912.L.14.50 SC.912.L.14.51
50.01	Identify and care for patients with non-traumatic chest pain, utilizing patient assessment.	LAFS.1112.SL.1.2 LAFS.1112.SL.2.4	

CTE Standards and Benchmarks		FS-M/LA	NGSS-Sci
50.02	Identify and care for patients experiencing respiratory distress, utilizing patient assessment.	LAFS.1112.SL.2.6 LAFS.1112.RI.3.7 LAFS.1112.SL.1.2 LAFS.1112.SL.2.4 LAFS.1112.SL.2.6 LAFS.1112.RI.3.7	
50.03	Identify and care for patients experiencing a diabetic emergency, utilizing patient assessment.	LAFS.1112.SL.1.2 LAFS.1112.SL.2.4 LAFS.1112.SL.2.6 LAFS.1112.RI.3.7	
50.04	Identify and care for a patient who is experiencing a seizure, utilizing patient assessment.	LAFS.1112.SL.1.2 LAFS.1112.SL.2.4 LAFS.1112.SL.2.6 LAFS.1112.RI.3.7	
50.05	Identify and care for a patient who has ingested, inhaled, absorbed or been injected with a poisonous substance.	LAFS.1112.SL.1.2 LAFS.1112.SL.2.4 LAFS.1112.SL.2.6 LAFS.1112.RI.3.7	
50.06	Identify and care for a patient who is in an altered state of consciousness, utilizing patient assessment.	LAFS.1112.SL.1.2 LAFS.1112.SL.2.4 LAFS.1112.SL.2.6 LAFS.1112.RI.3.7	
50.07	Identify and care for a patient who is experiencing a stroke, utilizing patient assessment.	LAFS.1112.SL.1.2 LAFS.1112.SL.2.4 LAFS.1112.SL.2.6 LAFS.1112.RI.3.7	
50.08	Identify and care for a patient who has a foreign body in the eye, utilizing patient assessment.	LAFS.1112.SL.1.2 LAFS.1112.SL.2.4 LAFS.1112.SL.2.6 LAFS.1112.RI.3.7	
50.09	Identify and care for a patient with thermal, chemical, or electrical burns, determining the severity including degree, body surface area, type, and location.	LAFS.1112.SL.1.2 LAFS.1112.SL.2.4 LAFS.1112.SL.2.6 LAFS.1112.RI.3.7	
50.10	Identify and care for a patient suffering from an environmental emergency including heat cramps, heat exhaustion, heat stroke, and frostbite, utilizing patient assessment.	LAFS.1112.SL.1.2 LAFS.1112.SL.2.4 LAFS.1112.SL.2.6 LAFS.1112.RI.3.7	
51.0	Identify and care for patients who are in special situations–The student will be able to:		
51.01	Identify patients who have special needs.	LAFS.1112.SL.1.2	

CTE Standards and Benchmarks		FS-M/LA	NGSS-Sci
		LAFS.1112.SL.2.4 LAFS.1112.SL.2.6 LAFS.1112.RI.3.7	
51.02	Care for injured/ill children.	LAFS.1112.SL.1.2 LAFS.1112.SL.2.4 LAFS.1112.SL.2.6	
51.03	Care for the injured/ill elderly.	LAFS.1112.SL.1.2 LAFS.1112.SL.2.4 LAFS.1112.SL.2.6	
51.04	Care for the injured/ill physically disabled.	LAFS.1112.SL.1.2 LAFS.1112.SL.2.4 LAFS.1112.SL.2.6	
51.05	Care for the injured/ill developmentally disabled.	LAFS.1112.SL.1.2 LAFS.1112.SL.2.4 LAFS.1112.SL.2.6	
52.0	Provide triage to victims of multiple casualty incidents–The student will be able to:		
52.01	Categorize the victims of multiple casualty incidents according to the severity of injury or illness on the basis of patient assessments.	LAFS.1112.RI.3.7 LAFS.1112.SL.1.1 LAFS.1112.SL.1.3 LAFS.1112.SL.2.4	
52.02	Use triage tags or other identification devices available locally to indicate priorities for pre-hospital emergency care and transportation to medical facilities.	LAFS.11.12.L.3.6	
52.03	Work as a member of a team to perform triage at locations of multiple casualty incidents.	LAFS.1112.SL.1.1 LAFS.1112.SL.1.3	
52.04	Work as a member of a team to perform patient assessments at locations of multiple casualty incidents.	LAFS.1112.SL.1.1 LAFS.1112.SL.1.3	
52.05	Work as a member of a team to carry out patient care procedures at the locations of multiple casualty incidents.	LAFS.1112.SL.1.1	
52.06	Demonstrate knowledge of the operating procedures during a terrorist event or during a natural or man-made disaster.	LAFS.1112.RI.3.7	
53.0	Recognize life-threatening situations–The student will be able to:		
53.01	Take steps to minimize the chance of injury or death to all involved when confronted with a potentially life-threatening situation on the basis of an assessment of a scene.	LAFS.1112.SL.1.2	
54.0	Recognize entrapment situations–The student will be able to:		SC.912.P.10.3
54.01	Identify accident-related hazards and undertake hazard control measures consistent with the capabilities of the Emergency Medical Responder and available equipment.	LAFS.1112.SL.1.2	
54.02	Use available equipment safely to gain access to persons who are entrapped.	LAFS.1112.SL.1.2	
54.03	Use available equipment safely to disentangle persons from mechanisms of	LAFS.1112.SL.1.2	

CTE Standards and Benchmarks		FS-M/LA	NGSS-Sci
55.0	Assist with emergency childbirth--The student will be able to: entrapment.		SC.912.L.14.33 SC.912.L.14.41
55.01	Evaluate a mother to determine whether delivery is imminent.	LAFS.1112.SL.1.2	
55.02	Assist with a normal delivery.		
55.03	Care for the mother and baby.		
55.04	Identify abnormal childbirth situations and care for the mother and baby within the Emergency Medical Responder's capabilities.	LAFS.1112.SL.1.2	
56.0	Identify critical incident stressors--The student will be able to:		SC.912.L.14.52 SC.912.L.16.8
56.01	Identify stressors which may affect the performance of a Emergency Medical Responder.	LAFS.1112.SL.1.2	
56.02	Identify stressors which may affect the behavior of a sick or injured person.	LAFS.1112.SL.1.2	
56.03	Carry out procedures to minimize critical incident stress.		