

# EMERGENCY MEDICAL TECHNICIAN: RECERTIFICATION (30 Hours)

Course No.: 77-50-55

## COMPETENCY CHECKLIST

Student Name \_\_\_\_\_

Teacher Name \_\_\_\_\_ School Site \_\_\_\_\_

Start Date \_\_\_\_\_ Completion Date \_\_\_\_\_ Certificate Date \_\_\_\_\_

Teacher Signature \_\_\_\_\_ Student Signature \_\_\_\_\_

(Signature verifies completion of course competencies)

### A. LAWS, REGULATIONS, AND BASIC SCIENCE

#### REVIEW (2 hrs)

- \_\_\_\_ 1. Legislation authorizing prehospital care in CA
- \_\_\_\_ 2. Scope of practice of EMT-1A in emergency
- \_\_\_\_ 3. Responsibility of EMS authority
- \_\_\_\_ 4. Role of the local EMS agency
- \_\_\_\_ 5. Guidelines covering emergency patient care
- \_\_\_\_ 6. EMT responsibility in reporting child abuse
- \_\_\_\_ 7. EMT responsibility in reporting adult abuse
- \_\_\_\_ 8. EMT reporting of gunshot wound
- \_\_\_\_ 9. Section 5150 criteria for detaining patient
- \_\_\_\_ 10. Authorizing a "5150 hold"
- \_\_\_\_ 11. "Mental disorders" as relates to "5150 hold"
- \_\_\_\_ 12. Criteria for EMT to determine death in field
- \_\_\_\_ 13. Assessing patient prior to signing a AMA
- \_\_\_\_ 14. Legal age to consent to for various minors
- \_\_\_\_ 15. Ill/injured minor when parent is unavailable
- \_\_\_\_ 16. Sexual assault
- \_\_\_\_ 17. Role of EMT in treatment of sexual assault
- \_\_\_\_ 18. Reactions of patient after assault
- \_\_\_\_ 19. EMS Director may place EMT on probation
- \_\_\_\_ 20. Good Samaritan Act as it relates to an EMT
- \_\_\_\_ 21. Define listed terms related to topic
- \_\_\_\_ 22. Four components of negligence
- \_\_\_\_ 23. Situations: EMT-Paramedics not be canceled
- \_\_\_\_ 24. Responsibilities of ambulance driver
- \_\_\_\_ 25. Obtaining a CA Ambulance Drive Certificate
- \_\_\_\_ 26. Completing an EMS report form
- \_\_\_\_ 27. Use of GPS technology & Thomas Guide
- \_\_\_\_ 28. Elements included in daily ambulance check
- \_\_\_\_ 29. Cleaning/decontaminating interior
- \_\_\_\_ 30. Equipment required in an ambulance in CA
- \_\_\_\_ 31. Appropriate situations for "Code 3" driving
- \_\_\_\_ 32. Designated setting for warning lights/sirens
- \_\_\_\_ 33. Traveling "Code 3" through intersections
- \_\_\_\_ 34. Flare-lighting/flare-pattern at scene

- \_\_\_\_ 35. Parking at the scene of an accident
- \_\_\_\_ 36. Safe body mechanics when loading/unloading
- \_\_\_\_ 37. Safe body mechanics when moving gurney
- \_\_\_\_ 38. Demo use of ambulance gurney
- \_\_\_\_ 39. Appropriate position for transporting a patient
- \_\_\_\_ 40. Appropriate devices for transporting a patient
- \_\_\_\_ 41. Radio procedures
- \_\_\_\_ 42. Delivering an accurate radio report
- \_\_\_\_ 43. Supplies/equipment necessary for IV therapy
- \_\_\_\_ 44. Steps taken when re-establishing IV flow
- \_\_\_\_ 45. Hematoma/thrombosis/infiltration
- \_\_\_\_ 46. Procedure for complication with an IV
- \_\_\_\_ 47. Monitoring & transporting patient with an IV
- \_\_\_\_ 48. Factors that may affect IV flow rate/additives
- \_\_\_\_ 49. Transport of patients with equipment
- \_\_\_\_ 50. Complete and accurate documentation
- \_\_\_\_ 51. Info that should be included on all reports
- \_\_\_\_ 52. Procedure to follow prior to report submission
- \_\_\_\_ 53. Procedure if additional space is required
- \_\_\_\_ 54. Insuring confidentiality of patient information
- \_\_\_\_ 55. If a patient refuses medical assistance
- \_\_\_\_ 56. Circumstances for additional documentation
- \_\_\_\_ 57. Reporting exposure to blood borne pathogens
- \_\_\_\_ 58. Surface anatomy for body positions & cavities
- \_\_\_\_ 59. Anatomy of each body system
- \_\_\_\_ 60. Primary and secondary patient assessment
- \_\_\_\_ 61. Assessment components
- \_\_\_\_ 62. Signs and symptoms of shock
- \_\_\_\_ 63. Discuss types of shock
- \_\_\_\_ 64. Treatment for shock
- \_\_\_\_ 65. Purpose of antishock trousers (MAST)

### B. AIRWAY/BASIC CARDIAC LIFE SUPPORT ASEPTIC TECHNIQUES (3 hrs)

- \_\_\_\_ 1. Safety working with oxygen equipment
- \_\_\_\_ 2. Oxygen in patient w/altered consciousness

- \_\_\_ 3. Appropriate airway adjunct for head trauma
- \_\_\_ 4. Administration of oxygen using a flow meter
- \_\_\_ 5. Oropharyngeal & nasopharyngeal airway
- \_\_\_ 6. Use of positive pressure demand valve
- \_\_\_ 7. Ventilation of adult using mouth-to-mouth
- \_\_\_ 8. Use of mouth-to-mask device
- \_\_\_ 9. Identify contraindications for resuscitator
- \_\_\_ 10. Use of valve resuscitator for adult
- \_\_\_ 11. Use of a bag-valve mask device for an adult
- \_\_\_ 12. Precautions for ventilation through an EOA
- \_\_\_ 13. Ventilation thru tube using a bag-valve
- \_\_\_ 14. Airway adjuncts for children and neonates
- \_\_\_ 15. Technique for oropharyngeal suction
- \_\_\_ 16. Connecting a regulator to oxygen cylinder
- \_\_\_ 17. Cleaning/disinfecting ventilation equipment
- \_\_\_ 18. Important criteria in bag-valve-mask device
- \_\_\_ 19. Complications of oropharyngeal suctioning
- \_\_\_ 20. Define stridor and state its significance
- \_\_\_ 21. Causes: anatomical/mechanical obstruction
- \_\_\_ 22. Partial/complete airway obstruction
- \_\_\_ 23. Treatment of partial airway obstruction
- \_\_\_ 24. IV solutions used by EMT-P/examples of use
- \_\_\_ 25. Initial safety check on IV equipment
- \_\_\_ 26. When CPR should not be initiated
- \_\_\_ 27. Major signs of cardiopulmonary arrest
- \_\_\_ 28. CPR performed correctly/incorrectly
- \_\_\_ 29. Amount of time CPR can be interrupted
- \_\_\_ 30. When CPR may be discontinued
- \_\_\_ 31. Determining if CPR is effective
- \_\_\_ 32. CPR for adults/children/infants
- \_\_\_ 33. Disposal of contaminated needles/supplies

**C. MEDICAL EMERGENCIES (4 hrs)**

- \_\_\_ 1. Causes of altered level of consciousness
- \_\_\_ 2. Body position employed for such a patient
- \_\_\_ 3. Assessment parameters for such a patient
- \_\_\_ 4. Significance of fixed & dilated pupils
- \_\_\_ 5. Significance of unequal pupils
- \_\_\_ 6. Treatment for unconscious patient
- \_\_\_ 7. CVA/Stroke
- \_\_\_ 8. Signs/symptoms of a CVA/Stroke
- \_\_\_ 9. Communication with aphasic patient
- \_\_\_ 10. Treatment of patient with hypertension/CVA
- \_\_\_ 11. Define listed terms related to seizures
- \_\_\_ 12. Common causes of seizures
- \_\_\_ 13. Info from the past medical history of patient
- \_\_\_ 14. Signs/symptoms of grand-mal seizure
- \_\_\_ 15. Treatment for a patient with active seizures
- \_\_\_ 16. Maintaining an open airway
- \_\_\_ 17. Common cause of death in seizing patient
- \_\_\_ 18. Complications of seizures

- \_\_\_ 19. Define listed terms related to topic
- \_\_\_ 20. Prehospital treatment for all syncopal episodes
- \_\_\_ 21. Assess patient complaining of chest pain
- \_\_\_ 22. Possible causes of chest pain
- \_\_\_ 23. Signs/symptoms/treatment of listed conditions
- \_\_\_ 24. Death cause after acute myocardial infarction
- \_\_\_ 25. Complications of myocardial infarction
- \_\_\_ 26. Define listed conditions related to breathing
- \_\_\_ 27. Assess patient with shortness of breath
- \_\_\_ 28. Respiratory patterns
- \_\_\_ 29. Signs/symptoms/treatment of listed conditions
- \_\_\_ 30. Oxygen flow rates/devices for patient w/COPD
- \_\_\_ 31. Glucose/insulin/diabetes/hypo-/hyperglycemia
- \_\_\_ 32. Role of insulin in body metabolism
- \_\_\_ 33. Signs/symptoms/treatment of listed conditions
- \_\_\_ 34. Common long terms complications of diabetes
- \_\_\_ 35. Procedures for oral glucose administration
- \_\_\_ 36. Use and function of an insulin implant
- \_\_\_ 37. Define listed conditions
- \_\_\_ 38. Implications of listed conditions
- \_\_\_ 39. Non-traumatic abdominal emergencies
- \_\_\_ 40. Signs/treatment for gastrointestinal bleeding
- \_\_\_ 41. Mnemonic used in assessing abdominal pain
- \_\_\_ 42. Info necessary in assessing abdominal pain
- \_\_\_ 43. Signs/symptoms of listed conditions
- \_\_\_ 44. Procedure for assessing the abdomen
- \_\_\_ 45. "Communicable" factors for a disease
- \_\_\_ 46. EMT-1A & patient w/communicable disease
- \_\_\_ 47. Risks of exposure to communicable disease
- \_\_\_ 48. Precautions to prevent transmission of disease
- \_\_\_ 49. Define terms related disease/exposure
- \_\_\_ 50. Diseases preventable by immunization
- \_\_\_ 51. Mode of transmission for listed diseases
- \_\_\_ 52. Discuss items listed related to topic
- \_\_\_ 53. On-going detailed physical exam

**D. TRAUMA EMERGENICES (4hrs)**

- \_\_\_ 1. Functions of the skin
- \_\_\_ 2. First, second, and third degree burns
- \_\_\_ 3. Burn criteria: minor/moderate/critical
- \_\_\_ 4. Frequent cause of death from a burn
- \_\_\_ 5. Critical body areas in relation to burns
- \_\_\_ 6. Prehospital treatment for various burns
- \_\_\_ 7. Burn injury received in a closed area
- \_\_\_ 8. Signs/symptoms of respiratory burn
- \_\_\_ 9. Assess a burn using the "rule of nines"
- \_\_\_ 10. Prehospital treatment of burns
- \_\_\_ 11. Treatment of chemical burns of the eye
- \_\_\_ 12. Prehospital treatment for listed conditions
- \_\_\_ 13. Arterial vs. venous bleeding
- \_\_\_ 14. Potential dangers of using a tourniquet

- \_\_\_ 15. Prehospital treatment of mouth wounds
- \_\_\_ 16. Pressure points
- \_\_\_ 17. Pressure dressings
- \_\_\_ 18. Field treatment of bleeding neck wound
- \_\_\_ 19. Field treatment for impaled object
- \_\_\_ 20. Prehospital treatment for eye injuries
- \_\_\_ 21. Precautions to be taken with facial trauma
- \_\_\_ 22. Muscles/ligaments/tendons/bones
- \_\_\_ 23. Sprain/strain/dislocation/fracture
- \_\_\_ 24. Possible complications common to fractures
- \_\_\_ 25. 3 areas to assess before/after immobilization
- \_\_\_ 26. Classic sign of hip fracture
- \_\_\_ 27. Possible complications for listed fractures
- \_\_\_ 28. Reasons for splinting fracture
- \_\_\_ 29. Principles of splinting
- \_\_\_ 30. Indications for realignment of fracture
- \_\_\_ 31. Indications for use of traction splint
- \_\_\_ 32. Technique for application of rigid splint
- \_\_\_ 33. Technique for splinting listed fractures
- \_\_\_ 34. Technique for application of traction splint
- \_\_\_ 35. 3 structures which protect brain/spinal cord
- \_\_\_ 36. Define listed conditions related to topic
- \_\_\_ 37. Drainage from the ear or nose after trauma
- \_\_\_ 38. Signs/symptoms of intracranial pressure
- \_\_\_ 39. Deteriorating status after head trauma
- \_\_\_ 40. Hyper-ventilating unconscious patient
- \_\_\_ 41. Cause of shock in patient with head trauma
- \_\_\_ 42. Paraplegia/quadruplegia/hemiplegia
- \_\_\_ 43. Signs of cervical spine trauma
- \_\_\_ 44. Maintain airway w/suspected spine trauma
- \_\_\_ 45. Reasons for using full spinal precautions
- \_\_\_ 46. Assessing neurological status/spinal trauma
- \_\_\_ 47. Moving patient w/ suspected spinal trauma
- \_\_\_ 48. Removing helmet using spinal precautions
- \_\_\_ 49. Full spinal stabilization
- \_\_\_ 50. Prehospital treatment for listed scalp injuries
- \_\_\_ 51. Signs/symptoms of listed chest injuries
- \_\_\_ 52. Prehospital treatment: sucking chest wound
- \_\_\_ 53. Treatment of impaled object in chest
- \_\_\_ 54. Surface of anatomy of listed organs
- \_\_\_ 55. Signs/symptoms of blunt abdominal trauma
- \_\_\_ 56. Treatment of listed blunt abdominal trauma
- \_\_\_ 57. Determining mechanism of injury
- \_\_\_ 58. Stages of extrication
- \_\_\_ 59. Lifting/moving to help prevent EMT-1 strain
- \_\_\_ 60. Basic rules for body mechanics
- \_\_\_ 61. Techniques of extrication
- \_\_\_ 62. Demo listed uses of basket-type stretcher
- \_\_\_ 63. Demo use of extrication tools
- \_\_\_ 64. Procedure for safety at scene of car accident
- \_\_\_ 65. Multi-casualty incident command system

- \_\_\_ 66. Define triage
- \_\_\_ 67. Function of triage personnel MCI situations
- \_\_\_ 68. 4 categories for patient in casualty incident
- \_\_\_ 69. Criteria for incident command system
- \_\_\_ 70. Functions of MAC/HEAR/HERT
- \_\_\_ 71. Mnemonic START
- \_\_\_ 72. Patient care during initial assessment

**E. ENVIRONMENTAL PROBLEMS (2 hrs)**

- \_\_\_ 1. Signs/symptoms of listed conditions
- \_\_\_ 2. Symptoms and treatment of allergic reaction
- \_\_\_ 3. Application of constriction band & why
- \_\_\_ 4. Epinephrine device
- \_\_\_ 5. 4 routes by which drugs may enter the body
- \_\_\_ 6. Symptoms/treatment pesticide poisoning
- \_\_\_ 7. Treatment for ingested caustic substance
- \_\_\_ 8. Treatment of conscious/unconscious patient
- \_\_\_ 9. 3 poisons where vomiting is contraindicated
- \_\_\_ 10. Symptoms/treatment of overdose
- \_\_\_ 11. 3 ways in which the body loses heat
- \_\_\_ 12. Heat cramps/heat exhaustion/heat stroke
- \_\_\_ 13. Frostbite/ hypothermia
- \_\_\_ 14. Signs of inhalation of toxic substances
- \_\_\_ 15. CO inhalation/smoke inhalation
- \_\_\_ 16. Hazardous materials incident
- \_\_\_ 17. Signs/treatment for a near drowning
- \_\_\_ 18. Transporting a near drowning victim
- \_\_\_ 19. Signs/treatment of air embolus/bends

**F. PEDIATRICS/OBSTETRICS (2 hrs)**

- \_\_\_ 1. Promoting rapport with pediatric patient
- \_\_\_ 2. Comparing vital signs and body proportions
- \_\_\_ 3. Signs/symptom of dehydration in a child
- \_\_\_ 4. Role of EMT-1A in SIDS
- \_\_\_ 5. Causes/prehospital treatment of fever
- \_\_\_ 6. Prehospital treatment of pediatric seizures
- \_\_\_ 7. Croup/epiglottitis/aspiration/asthma
- \_\_\_ 8. Signs suggestive of pediatric meningitis
- \_\_\_ 9. Cooling measures for children
- \_\_\_ 10. Cause of cardiopulmonary arrest in children
- \_\_\_ 11. Define listed terms related to topic
- \_\_\_ 12. Prehospital treatment: abortion/miscarriage
- \_\_\_ 13. Assessing a pregnant patient
- \_\_\_ 14. Mucous and/or clear fluid discharge in labor
- \_\_\_ 15. Three stages of labor
- \_\_\_ 16. Signs/symptoms of imminent delivery
- \_\_\_ 17. Signs/treatments of listed conditions
- \_\_\_ 18. Prehospital care of multiple births
- \_\_\_ 19. Evaluating the status of a newborn
- \_\_\_ 20. Evaluating/timing uterine contractions
- \_\_\_ 21. Assisting with normal emergency childbirth

- \_\_\_ 22. Management of the placenta
- \_\_\_ 23. Perform neonatal resuscitation
- \_\_\_ 24. Management of cord around infant's neck
- \_\_\_ 25. Prehospital care of a neonate
- \_\_\_ 26. Apgar scale and its use after childbirth
- \_\_\_ 27. Rapport with adolescents

**G. BEHAVIORAL EMERGENCIES (1 hr)**

- \_\_\_ 1. Disruptive behavior
- \_\_\_ 2. Causes for displaying disruptive behavior
- \_\_\_ 3. Steps to stabilize a disruptive situation
- \_\_\_ 4. Responses family may have to death/crises
- \_\_\_ 5. Responses EMT-1A may have to death/stress
- \_\_\_ 6. Steps EMT-1A can take to manage situation
- \_\_\_ 7. Crisis/CISD
- \_\_\_ 8. Restrain/transport patient in ambulance
- \_\_\_ 9. Responses displayed by terminally ill patient
- \_\_\_ 10. EMT-1A: dealing w/problems of terminally ill
- \_\_\_ 11. Treatment of behavioral emergencies
- \_\_\_ 12. Patient w/special communication issues
- \_\_\_ 13. Management of patient w/comm. issues
- \_\_\_ 14. Treatment for victims of violence
- \_\_\_ 15. Assessing patient who may be suicidal
- \_\_\_ 16. Measures to take if patient exhibits signs

**H. DEFIBRILLATOR REVIEW (4 hrs)**

- \_\_\_ 1. Locate and place landmarks for AED
- \_\_\_ 2. Purpose of AED and advantages of early use
- \_\_\_ 3. Demo use of AED in 3 scenarios
- \_\_\_ 4. Rhythms that AED unit will recognize
- \_\_\_ 5. Shockable vs. non-shockable rhythms
- \_\_\_ 6. Energy levels of shocks delivered & when
- \_\_\_ 7. Daily and monthly maintenance of AED units
- \_\_\_ 8. When AED should be carried to patient's side
- \_\_\_ 9. Documenting on cassette tape
- \_\_\_ 10. EMT-1A interaction w/paramedics on scene
- \_\_\_ 11. Restock procedures/downloading/records
- \_\_\_ 12. Pediatric utilization

**I. SCOPE OF PRACTICE (4 hrs)**

- \_\_\_ 1. Treatment protocols
- \_\_\_ 2. 13 modalities under basic scope of practice
- \_\_\_ 3. 7 additional activities EMT-1 may perform
- \_\_\_ 4. Optional skills defined by LACO EMS Agency
- \_\_\_ 5. Prehospital Care Policy Manual

**J. TESTING (4 hrs)**

- \_\_\_ 1. Obtain minimum 75% on written post test
- \_\_\_ 2. Demo selected skills from LACO Curriculum