

Course discipline/number/title: EMT 1200: Emergency Medical Technician-Basic

A. CATALOG DESCRIPTION

1. Credits: 8
2. Hours/Week: 8
3. Prerequisites (Course discipline/number): College level reading or writing. Current certification in Healthcare Provider CPR is also required.
4. MnTC Goals (if any): NA

This course is the base training for most ambulance personnel, and a prerequisite for the RCTC Intensive Care Paramedic program. The topics covered include anatomy, patient assessment, medical emergencies, trauma, ambulance operations and the administration of medications carried on the ambulance, and many other skills listed in the course outline. Upon successful completion, participants are eligible for the National Registry of EMT's exam.

B. DATE LAST REVISED (Month, year): January, 2014

C. OUTLINE OF MAJOR CONTENT AREAS:

1. Preparation of the EMT-Basic
2. Airway Management
3. Patient assessment (medical and trauma)
4. Medical/behavioral emergencies and OB/GYN
5. Trauma
6. Infants and Children
7. Ambulance Operations
 - a) NIMS 700, National Incident Management System An Introduction
 - b) OSHA Hazardous Materials Awareness for the First Responder
8. Anatomy and Physiology
9. Assessment based judgment.
10. Medical Terminology
11. Life Span Development
12. Pathophysiology
13. Pharmacology
14. Special Populations

D. LEARNING OUTCOMES (GENERAL): The student will be able to:

1. Preserve crime scene.
2. Identify airway adjuncts.
3. Describe Emergency Medical Services system.
4. Describe use of nonbreather face mask.
5. Label respiratory system.
6. Demonstrate operation of oxygen delivery devices.
7. Demonstrate techniques of lifting.
8. Identify components of the SAMPLE history.
9. Demonstrate use of auto injector.
10. Demonstrate obtaining vital signs.
11. Demonstrate techniques of suctioning.
12. Explain patient confidentiality.
13. List methods of obtaining consent.
14. Define critical incident stress.
15. Describe body substance isolation.
16. Describe personal safety.
17. Determine scene safety.
18. Define medical control.
19. Describe roles EMT Basic.
20. Determine inadequate breathing.

- D. LEARNING OUTCOMES (GENERAL): The student will be able to: Continued. . .
21. Assess skin color and temperature.
 22. Demonstrate radio communication skills.
 23. Describe care of allergic reaction.
 24. List contraindications for the AED.
 25. Demonstrate automatic external defibrillator.
 26. List nitroglycerin indications.
 27. List cardiovascular system.
 28. List disease causes.
 29. List four rights.
 30. Demonstrate artificial ventilation.
 31. Complete pre-hospital care report.
 32. Perform on going assessment.
 33. Demonstrate detailed medical assessment.
 34. Demonstrate detailed trauma assessment.
 35. Prioritize patients.
 36. Perform rapid trauma assessment.
 37. Explain illness.
 38. Identify mechanisms of injury.
 39. Perform oxygen administration for infant/child.
 40. Assist patient with self-administration of medication.
 41. Describe the structures and functions of each body system.
 42. Describe the differences in body systems of children as compared to adults.
 43. Apply common prefixes, suffixes, and roots of medical terms.
 44. Describe the role and structure of body cells.
 45. Explain the pathophysiology of shock.
 46. Describe fluid balance.
 47. Describe dysfunctions of the body systems.
 48. Describe physical and physiological characteristics of each age group.
 49. Explain the relationship between critical thinking and diagnosis.
 50. Explain the steps needed to reach a diagnosis.
 51. Explain the differences in reaching a diagnosis between EMS and traditional approaches.
 52. Explain the benefits and complications of diagnostic shortcuts.
 53. Describe ways in which EMT's can improve their critical thinking skills.
 54. Describe and utilize the incident command system.
 55. Describe a hazardous material awareness plan.
- E. LEARNING OUTCOMES (MNTC): NA
- F. METHODS FOR EVALUATION OF STUDENT LEARNING:
1. The participant will be evaluated by the instructor in skill performance portions of the class using the current standards of the US D.O.T.
 2. Curriculum and written examinations thought the course.
 3. Specific outcome assessments as noted on the syllabus.
- G. RCTC CORE OUTCOME(S) ADDRESSED:
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| <input checked="" type="checkbox"/> Communication | <input type="checkbox"/> Global Awareness/Diversity |
| <input checked="" type="checkbox"/> Critical Thinking | <input checked="" type="checkbox"/> Personal/Professional Accountability |
- H. SPECIAL INFORMATION (if any):
Clinical observation in an emergency room of field observation with an ambulance service or fire department medical service of at least 15 hours is required.
- RCTC Nursing and Allied Health form and Minnesota Department of Human Services Background check form must be completed prior to the start of the clinical.