



EMT

Certification

Learn to
Save a Life



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North Caddo
Medical Center

Syllabus

MODULE 1 PREPARATORY

Lesson 1-1 Introduction to Emergency Medical Care

Familiarizes the EMT-Basic candidate with the introductory aspects of emergency medical care. Topics covered include the Emergency Medical Services system, roles and responsibilities of the EMT-Basic, quality improvement, and medical direction.

Lesson 1-2 Well-Being of the EMT-Basic

Covers the emotional aspects of emergency care, stress management, introduction to Critical Incident Stress Debriefing (CISD), scene safety, body substance isolation (BSI), personal protection equipment (PPE), and safety precautions that can be taken prior to performing the role of an EMT-Basic.

Lesson 1-3 Medical/Legal and Ethical Issues

Explores the scope of practice, ethical responsibilities, advance directives, consent, refusals, abandonment, negligence, duty to act, confidentiality, and special situations such as organ donors and crime scenes. Medical/legal and ethical issues are vital elements of the EMT-Basic's daily life.

Lesson 1-4 The Human Body

Enhances the EMT-Basic's knowledge of the human body. A brief overview of body systems, anatomy, physiology and topographic anatomy will be given in this session.

Lesson 1-5 Baseline Vital Signs and SAMPLE History

Teaches assessing and recording of a patient's vital signs and a SAMPLE history.

Lesson 1-6 Lifting and Moving Patients

Provides students with knowledge of body mechanics, lifting and carrying techniques, principles of moving patients, and an overview of equipment. Practical skills of lifting and moving will also be developed during this lesson.

Lesson 1-7 Evaluation: Preparatory Module

Conduct a written and skills evaluation to determine the student's level of achievement of the cognitive, psychomotor and affective objectives from this module of instruction.

MODULE 2 AIRWAY

Lesson 2-1 Airway

Teaches airway anatomy and physiology, how to maintain an open airway, pulmonary resuscitation, variations for infants and children and patients with laryngectomies. The use of airways, suction equipment, oxygen equipment and delivery systems, and resuscitation devices will be discussed in this lesson.

Lesson 2-2 Practical Skills Lab: Airway

Provides supervised practice for students to develop the psychomotor skills of airway care. The use of airways, suction equipment, oxygen equipment and delivery systems, and resuscitation devices will be included in this lesson.

Lesson 2-3 Evaluation: Airway Module

Conduct a written and skills evaluation to determine the student's level of achievement of the cognitive, psychomotor and affective objectives from this module of instruction.



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Lesson 2-3 Evaluation: Airway Module

Conduct a written and skills evaluation to determine the student's level of achievement of the cognitive, psychomotor and affective objectives from this module of instruction.

MODULE 3 PATIENT ASSESSMENT

Lesson 3-1 Scene Size-Up

Enhance the EMT-Basic's ability to evaluate a scene for potential hazards, determine by the number of patients if additional help is necessary, and evaluate mechanism of injury or nature of illness. This lesson draws on the knowledge of Lesson 1-2.

Lesson 3-2 Initial Assessment

Provides the knowledge and skills to properly perform the initial assessment. In this session, the student will learn about forming a general impression, determining responsiveness, assessment of the airway, breathing and circulation. Students will also discuss how to determine priorities of patient care.

Lesson 3-3 Focused History and Physical Exam - Trauma Patients

Describes and demonstrates the method of assessing patients' traumatic injuries. A rapid approach to the trauma patient will be the focus of this lesson.

Lesson 3-4 Focused History and Physical Exam - Medical Patients

Describes and demonstrates the method of assessing patients with medical complaints or signs and symptoms. This lesson will also serve as an introduction to the care of the medical patient.

Lesson 3-5 Detailed Physical Exam

Teaches the knowledge and skills required to continue the assessment and treatment of the patient.

Lesson 3-6 On-Going Assessment

Stresses the importance of trending, recording changes in the patient's condition, and reassessment of interventions to assure appropriate care.

Lesson 3-7 Communications

Discusses the components of a communication system, radio communications, communication with medical direction, verbal communication, interpersonal communication, and quality improvement.

Lesson 3-8 Documentation

Assists the EMT-Basic in understanding the components of the written report, special considerations regarding patient refusal, the legal implications of the report, and



special reporting situations. Reports are an important aspect of prehospital care. This skill will be integrated into all student practices.

Lesson 3-9 Practical Skills Lab: Patient Assessment

Integrates the knowledge and skills learned thus far to assure that the student has the knowledge and skills of assessment necessary to continue with the management of patients with medical complaints and traumatic injuries.

Lesson 3-10 Evaluation: Patient Assessment Module

Conduct written and skills evaluation to determine the student's level of achievement of the cognitive, psychomotor and affective objectives from this module of instruction.

MODULE 4 MEDICAL/BEHAVIORAL EMERGENCIES AND OBSTETRICS/GYNECOLOGY

Lesson 4-1 General Pharmacology

Provides the student with a basic knowledge of pharmacology, providing a foundation for the administration of medications given by the EMT-Basic and those used to assist a patient with self-administration.

Lesson 4-2 Respiratory Emergencies

Reviews components of the lesson on respiratory anatomy and physiology. It will also provide instruction on assessment of respiratory difficulty and emergency medical care of respiratory problems, and the administration of prescribed inhalers.

Lesson 4-3 Cardiovascular Emergencies

Reviews of the cardiovascular system, an introduction to the signs and symptoms of cardiovascular disease, administration of a patient's prescribed nitroglycerin, and use of the automated external defibrillator.

Lesson 4-4 Diabetes/Altered Mental Status

Reviews of the signs and symptoms of altered level of consciousness, the emergency medical care of a patient with signs and symptoms of altered mental status and a history of diabetes, and the administration of oral glucose.

Lesson 4-5 Allergies

Teaches the student to recognize the signs and symptoms of an allergic reaction, and to assist the patient with a prescribed epinephrine auto-injector.

Lesson 4-6 Poisoning/Overdose

Teaches the student to recognize the signs and symptoms of poisoning and overdose. Information on the administration of activated charcoal is also included in this section.

Lesson 4-7 Environmental Emergencies

Covers recognizing the signs and symptoms of heat and cold exposure, as well as the emergency medical care of these conditions. Information on aquatic emergencies and bites and stings will also be included in this lesson.

Lesson 4-8 Behavioral Emergencies

Develops the student's awareness of behavioral emergencies and the management of the disturbed patient. Restraining the combative patient will also be taught in this lesson.

Lesson 4-9 Obstetrics/Gynecology

Reviews the anatomical and physiological changes that occur during pregnancy,



demonstrate normal and abnormal deliveries, summarize signs and symptoms of common gynecological emergencies, and neonatal resuscitation.

Lesson 4-10 Practical Skills Lab: Medical/Behavioral Emergencies and Obstetrics/Gynecology

Draws on the knowledge and skills learned thus far in this practical lab. Students will be given the opportunity to assess and treat a variety of patients with various medical complaints.

Lesson 4-11 Evaluation: Medical/Behavioral Emergencies and Obstetrics/Gynecology

Conducts a written and skills evaluation to determine the student's level of achievement of the cognitive, psychomotor and affective objectives from this module of instruction.

MODULE 5 TRAUMA

Lesson 5-1 Bleeding and Shock

Reviews the cardiovascular system, describes the care of the patient with internal and external bleeding, signs and symptoms of shock (hypoperfusion), and the emergency medical care of shock (hypoperfusion).

Lesson 5-2 Soft Tissue Injuries

Continues with the information taught in Bleeding and Shock, discussing the anatomy of the skin and the management of soft tissue injuries and the management of burns. Techniques of dressing and bandaging wounds will also be taught in this lesson.

Lesson 5-3 Musculoskeletal Care

Reviews of the musculoskeletal system before recognition of signs and symptoms of a painful, swollen, deformed extremity and splinting are taught in this section.

Lesson 5-4 Injuries to the Head and Spine

Reviews the anatomy of the nervous system and the skeletal system. Injuries to the spine and head, including mechanism of injury, signs and symptoms of injury, and assessment. Emergency medical care, including the use of cervical immobilization devices and short and long back boards will also be discussed and demonstrated by the instructor and students. Other topics include helmet removal and infant and child considerations.

Lesson 5-5 Practical Skills Lab: Trauma

Provides practice of the assessment and management of patients with traumatic injuries.

Lesson 5-6 Evaluation: Trauma Module

Conducts a written and skills evaluation to determine the student's level of achievement of the cognitive, psychomotor and affective objectives from this module of instruction.

MODULE 6 INFANTS AND CHILDREN

Lesson 6-1 Infants and Children

Presents information concerning the developmental and anatomical differences in infants and children, discuss common medical and trauma situations, and also covered are infants children dependent on special technology. Dealing with an ill or injured infant or child patient has always been a challenge for EMS providers.



Lesson 6-2 Practical Skills Lab: Infants and Children

Provides the EMT-Basic student with the opportunity to interact with infants and children, and to practice the knowledge and skills learned thus far concerning this special population.

Lesson 6-3 Evaluation: Infants and Children

Conduct a written and skills evaluation to determine the student's level of achievement of the cognitive, psychomotor and affective objectives from this module of instruction.

MODULE 7 OPERATIONS

Lesson 7-1 Ambulance Operations

Presents an overview of the knowledge needed to function in the prehospital environment. Topics covered include responding to a call, emergency vehicle operations, transferring patients, and the phases of an ambulance call.

Lesson 7-2 Gaining Access

Provides the EMT-Basic student with an overview of rescue operations. Topics covered include roles and responsibilities at a crash scene, equipment, gaining access, and removing the patient.

Lesson 7-3 Overviews

Provides the EMT-Basic student with information on hazardous materials, incident management systems, mass casualty situations, and basic triage.

Lesson 7-4 Evaluation: Operations

Conduct a written and skills evaluation will be done to determine the student's level of achievement of the cognitive, psychomotor and affective objectives from this module of instruction.

MODULE 8 ADVANCED AIRWAY (Elective)

The course coordinator should consult with state EMS office prior to establishing course outline to determine if this module of instruction may be included.

Lesson 8-1 Advanced Airway

Instructs students on how to maintain an airway by means of orotracheal intubation. Included is a review of basic airway skills, nasogastric tube insertion for decompression of the stomach of an infant or child patient, and orotracheal intubation of adults, infants and children. This lesson should be presented prior to the medical and trauma modules.

Lesson 8-2 Practical Skills Lab: Advanced Airway

Demonstrates the skills of advanced airway techniques for the EMT-Basic. This includes insertion of the nasogastric tube in infant and child patients and orotracheal intubation of adults, infants and children.

Lesson 8-3 Evaluation: Advanced Airway

Conduct a written and skills evaluation to determine the student's level of achievement of the cognitive, psychomotor and affective objectives from this module of instruction. Whenever possible, supervised clinical experience will be provided to the students.



Course Schedule

Tuition Schedule

EMT Certification Course.....	2,000.00
EMT Certification Course w/Certification Course and Equipment..... (Pants, Belt, Scissors, BP Cuff, Stethoscope, Boots)	2,500.00

Scholarship opportunities available.

Student Financial Responsibility

When a student registers for the EMT course at North Caddo Medical Center, the student is making a financial commitment to pay all tuition, fees, and other associated charges assessed as a result of the student's enrollment and/or receipt of services. The student's registration and acceptance of these terms constitutes a promissory note agreement in which North Caddo Medical Center is providing the student educational services and the student promises to pay for all assessed tuition fees by the published or assigned due date. Students are expected to meet their financial obligations before the commencement date of the enrolled course.

Payment of Tuition

Students may pay tuition and fees by certified check, credit or debit card (MasterCard/Visa/Discover/American Express) via the North Caddo Medical Center Business Office. Please note that any debit/credit card payment will incur a convenience fee equal to 2.25% of the total payment. North Caddo continues to accept cash, personal and cashier's checks, and money orders without fees at the Business Office.

Returned Checks

The charge for each returned check is \$25. Putting a stop payment on a check will not constitute an official resignation from the course.

Refunds

No refunds will be issued once the course has begun. Refunds will be issued upon a request to drop the course no later than seven days in advance of the course commencement.





EMT Course Application

PERSONAL INFORMATION

Please enter your name as it appears on official documents

First Name _____ Last Name _____ Middle Initial _____

Date of Birth _____ Social Security Number _____

Sex Male Female

E-mail _____ Phone (____) _____

Mailing Address

Street _____ City _____ State _____ Zip _____

Emergency Contact

Name _____ Phone (____) _____ - _____

Education

Please select the highest level of completed education

- GED
- High School Diploma
- Associates Degree
- Bachelor's Degree
- Masters+

PAYMENT INFORMATION

If applying through the Coordinating and Development Corporation, Please Select and STOP here

Payment Type

- Cash
- Check
- Credit/Debit Card **(A 2.25% fee will be added to total tuition)**

Name as appears on Card _____

Number _____

Exp. Date ____ / ____

Security Code _____

I authorize North Caddo Medical Center to charge the above card for tuition related to the EMT course

_____ Date ____ / ____ / ____

I certify that all of the information provided in this application is correct and wish to enroll in the EMT course at North Caddo Medical Center

_____ Date ____ / ____ / ____