

NORTHWEST ARKANSAS COMMUNITY COLLEGE
Standard Course Outline

COURSE NAME AND NUMBER:

Emergency Medical Technician Basic (EMTA-1008)

COURSE DESCRIPTION:

The EMT-Basic program is an introductory study to Emergency Medical Programs. It follows the national standard curriculum as set forth by the Department of Transportation. Standards of care, procedures and techniques for dealing with emergencies are discussed. Upon successful completion, the EMT candidate would meet the requirements to challenge the Arkansas or National EMT certification exam. EMT-Basic is a prerequisite for the Paramedic Program

PREREQUISITE:

Students must be accepted into the EMT program through the Allied Health Department, EMS Division. A prerequisite course is First Responder or equivalent is required.

CREDIT HOURS/ CONTACT HOURS

Credit hours are 8. Contact hours are 184. 136 classroom and lab practice hours plus 2 hours in the Emergency Department and 24 hours on an ambulance.

TARGET AUDIENCE & TRANSFERABILITY

This course is designed for individuals interested in providing care to patients in the pre-hospital setting. It will provide the participant with opportunities to gain information, skill, and attitudes necessary for certification and practice as an EMT in the state of Arkansas.

COMMON OBJECTIVE / STUDENT OUTCOMES

This program will contain information and skill opportunities that will enable a properly motivated and capable participant to:

1. Perform Mouth-to-Mask with supplemental oxygen
2. Perform oxygen administration
3. Cardiac arrest management with the use of an AED
4. Patient assessment .management of medical emergencies
5. Patient assessment management of trauma emergencies
6. Bleeding and shock control
7. Immobilization skills on long bone, joint, traction splinting
8. Proper spinal immobilization techniques for patient who are lying down or seated

REQUIRED TEXT:

The Basic EMT published by AAOS – Jones and Bartlett

TOPICS:

- Legal/Ethical, EMT well being, Scene safety , scene size up, initial patient assessment

- Human body, patient assessment, airway/oxygen and AED
- Vital signs, Lifting and Moving Patients, Patient Assessment
- Communicable diseases, Kinematics, Bleeding Control, Shock, Soft Tissue Injuries
- Head Injuries, Spine Injuries, Chest Injuries and Abdominal Injuries
- Musculoskeletal Injuries, Eye Injuries, Face and Throat Injuries
- Pharmacology, Respiratory Emergencies and Cardiac Emergencies
- Neurological Emergencies, Diabetic Emergencies, Acute Abdomen, Allergic Reactions
- Poisoning, Environmental Emergencies, Behavioral Emergencies, Geriatric
- OB, GYN and Pediatric Emergencies
- Ambulance operations, extrication, Hazmat and MCI, Communication and Documentation

METHODS OF INSTRUCTION:

Students will have the opportunity to learn through lecture, video, overhead and discussion groups, data projector slides and short videos, lab practice with equipment and patients to re-enforce learning that occurred in classroom. Students will also learn through “real -life” situations as they participate in the Emergency Room and on an Ambulance.

REQUIRED FORMS OF ASSESSMENT:

- Students will be evaluated on both didactic as well as practical skills. Student may retest one time on a given exam if their score is less than 79%. The score on a retest will be averaged with you score on the original test for a final score on that exam. No more than three re-tests may be taker per semester. The instructor will make arrangements when re-tests are to be given.
- In order to sit for the National board exam, you must successfully complete the clinical portion of the program including hospital and ambulance time.
- You must have a 79% or higher grade average to sit for the National Board Exam.