

**Northwest Arkansas Community College**  
Division of Health Professions

**Discipline Code**

EMTA

**Course Number**

1021

**Course Title**

Emergency Medical Responder Lab

**Catalog Description**

This lab section is taught in conjunction with EMTA 1022. Lab skills such as Vital signs, patient assessment, splinting, cardiac arrest, bleed control, medical and trauma emergencies scenarios and treatment will be practiced in small groups. A final exam over the practical skills will be administered at the conclusion of this section.

**Prerequisites**

There are no prerequisites to this course

**Credit Hours**

1 credit hours

**Contact hours**

16 lab hours

**Load hours**

3 load hours

**Semesters Offered**

Fall, Spring & Summer

**ACTS Equivalent**

None

**Grade Mode**

A-F

**Learning Outcomes**

- Communicate with empathy for family members and friends of the patient.
- Complete disinfection/cleaning and all reporting documentation, given in a specific patient care scenario.

- Demonstrate ability to differentiate various scenarios and identify potential hazards
- Demonstrate the techniques for assessing the patient's skin color, temperature, condition, and capillary refill
- Demonstrate a caring attitude toward patients with cardiac events who request emergency medical services
- Demonstrate the proper use of CPR on adult and infant manikin  
Identify the patient who presents with a general medical complaint
- Communicate with empathy to patients with a general medical complaint, as well as with family members and friends of the patient
- Identify and know the treatment modalities for a patient who has been exposed to heat
- Identify and know the treatment modalities for a patient who has been exposed to cold
- Perform the steps in the emergency medical care of the patient with signs and symptoms of internal bleeding
- Perform the emergency medical care of the patient with a soft-tissue, impaled object, and burn injury.
- Demonstrate direct pressure and other methods to control bleeding.  
Describe the function of the musculoskeletal system
- Perform care for a patient with a painful, swollen, deformed extremity
- Demonstrate a caring attitude toward patients with a musculoskeletal injury who request emergency medical services.
- Demonstrate how to open the airway of a patient with a spine injury  
Demonstrate evaluating and stabilizing a cervical spine.
- Perform emergency medical care of the mother pre and post delivery of a baby
- Correctly perform the steps to assist in a normal and abnormal delivery of a baby in the prehospital setting.
- Perform the components of basic triage
- Given a scenario of mass-casualty incident, perform triage and treatment as needed.

## **General Education Outcomes Supported**

- Students develop higher order thinking skills.
- Students can employ a variety of sources to locate, evaluate, and use Information.

## **Standard Practices**

### **Learning activities**

- Perform Mouth-to-Mask Ventilation with supplemental Oxygen
- Use a Bag-valve-mask on an apneic patient
- Master oxygen and ventilation skills
- Use of the AED for cardiac arrest victims

- Perform Patient Assessment on the Medical and Trauma Patients
- Bleeding control and shock management
- Immobilization of Joint and long bone injuries
- Spinal immobilization sitting and lying
- Emergent Child Birth
- Control of burns, heat and cold emergencies
- Poison, snake bite, and poisonous insect bite control
- Elderly and pediatric emergencies situation control
- Emergency Scene operation, driving and scene safety

## **Assessments**

Written Exams and practical exams

## **Grading guidelines**

Practical exams and skills manuals will make up the total points for grading.