

## NorthWest Arkansas Community College

### Health Professions Division

**Discipline Code**

EMTP

**Course Number**

1072

**Course Title**

Medical Emergencies I Lab

**Course Description**

This course is taught in conjunction with EMTP 1071. Students will examine simulated patients and treat for illnesses found. Some of the categories covered in this lab are endocrine and metabolic emergencies, nervous system emergencies, gastrointestinal emergencies, genitourinary and reproductive emergencies, toxicology and substance abuse, and anaphylaxis.

**Prerequisite:**

Admission into the paramedic program and enrolled as a student at NWACC.

**Credit Hours**

2 credit hours

**Contact hours**

32 contact hours

**Load hours**

6 load hours

**Semesters Offered**

Fall

**ACTS Equivalent**

None

**Grade Mode**

A-F

**Learning Outcomes**

1. Describe the basic physiology of carbohydrate metabolism
2. Explain the physiological function of insulin in the body
3. List the signs and symptoms of hypo and hyperglycemia
4. Indicate specific recommended treatment for diabetic emergencies
5. Demonstrate appropriate treatment of a diabetic patient
6. Describe the difference between hemorrhagic and thrombotic stroke

7. Identify typical signs and symptoms of stroke
8. List appropriate BLS and ALS treatment modalities for stroke patients
9. Explain the etiology of seizure in adults and pediatric populations
10. Describe the stages of a generalized motor seizure
11. Indicate appropriate pharmacological treatment of seizure
12. Perform appropriate treatment modalities for seizure patients
13. List the typical gastrointestinal maladies encountered by paramedics
14. Demonstrate appropriate assessment techniques for these problems
15. Perform correct field treatment of gastrointestinal emergencies
16. Explain and demonstrate treatment of O.D. emergencies

### **General Education Outcomes Supported**

- Students develop higher order thinking skills.
- Students develop effective oral communication skills.

### **Standard Practices**

#### **Assessments**

Practical scenario Exams

#### **Grading guidelines**

Proper entry of evaluated skills into the electronic record keeping system used by the program will account for most of the grade. Several graded scenarios will also be included.