NorthWest Arkansas Community College
Standard Course Outline / Division of Health

EMTP 1123 Medical Emergencies I

Prerequisite(s):

EMTA	1013	First Responder
EMTA	1008	EMT-Basic

Admission into the Paramedic Program by the Division of Health Professions

Although not required prerequisites, it is of great benefit to the student to have completed the following courses prior to entering the paramedic program:

BIOL	2214	Anatomy & Physiology I
BIOL	2224	Anatomy & Physiology II
AHSC	1001	Medical Terminology

Credit Hours: 3 credit hour

Course Description: The pathophysiology, assessment, and prehosptial emergency treatment of the following emergencies as encountered by field paramedics: Diabetes, Seizures, Cerebral Vascular Accident, Gastrointestinal, Genitourinary, Toxicological, and Advanced Airway Management

Target Audience and Transferability: This course is not intended to transfer into a four year institution unless the student is transferring into an institution that has a paramedic degree specifically. The student will need to obtain transfer information form the institution he/she is transferring to in order to determine transferability.

STUDENT LEARNING OUTCOMES:

Upon successful completion of course the student will be able to:

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

TOPICS :

Endocrinology	Chapter 32
Gastroenterology	Chapter 34
Neurology	Chapter 31
Toxicological/Over dose	Chapter 36

FORMS OF ASSESSMENT:

Final grades will be based on the average of all exams, quizzes, practical exams, and homework.
Examinations: All evaluations will be based on a percentage basis. The final written exam is comprehensive. Final practical exam is comprehensive of all skills/topics covered during course.
Quizzes: A quiz may be given at any point during scheduled class time. No retakes of the quizzes will be allowed. A quiz may be given in class or via electronic media: (i.e. NWACC email account, My NWACC connection, etc.)
Homework: Assignments may be given at any time during course and will be returned when designated by instructor(s). Material returned after designated time/date will not be accepted and a grade of zero (0.0%) will be received. No exceptions will be allowed. No exceptions will be allowed.

NOTE: Students must pass the final written exam with a score of 75% or higher to remain in the paramedic program. One retest of this exam will be allowed.