# BARTON COMMUNITY COLLEGE

# COURSE SYLLABUS

# GENERAL COURSE INFORMATION

## Course Number: EMTS 1513

## Course Title:Advanced Emergency Medical Technician (AEMT)

## Credit Hours:10

## Prerequisites:Must be certified as an EMT and Instructor or program director approval.

## Division/Discipline:Workforce Training and Community Education/Emergency Medical Services Education

## Course Description: This program is designed for individuals interested in providing Advanced Emergency Medical Technician (AEMT) level care in the pre-hospital setting. The program will provide the participant with opportunities to gain information and skills necessary for certification and practice as an AEMT in Kansas, which includes intravenous therapy and medication administration. Students completing this course will receive a Barton certificate of completion and with permission of the program director, will be eligible to sit for the National Registry of EMT Certification Exam.

# INSTRUCTOR INFORMATION

# COLLEGE POLICIES

## Students and faculty of Barton Community College constitute a special community engaged in the process of education. The College assumes that its students and faculty will demonstrate a code of personal honor that is based upon courtesy, integrity, common sense, and respect for others both within and outside the classroom.

## Plagiarism on any academic endeavors at Barton Community College will not be tolerated. The student is responsible for learning the rules of, and avoiding instances of, intentional or unintentional plagiarism. Information about academic integrity is located in the Student Handbook.

## The College reserves the right to suspend a student for conduct that is determined to be detrimental to the College educational endeavors as outlined in the College Catalog, Student Handbook, and College Policy & Procedure Manual. [Most up-to-date documents are available on the College webpage.]

## Any student seeking an accommodation under the provisions of the Americans with Disability Act (ADA) is to notify Student Support Services via email at [disabilityservices@bartonccc.edu](mailto:disabilityservices@bartonccc.edu).

# COURSE AS VIEWED IN THE TOTAL CURRICULUM

## The Kansas Board of Emergency Medical Services has approved this class. It is designed to enhance the knowledge and skills of the Emergency Medical Technician. The class consists of didactic (lecture) instruction, practical skills training, and clinical experience. The class is not required for the Paramedic program.

# ASSESSMENT OF STUDENT LEARNING

## Barton Community College is committed to the assessment of student learning and to quality education. Assessment activities provide a means to develop an understanding of how students learn, what they know, and what they can do with their knowledge. Results from these various activities guide Barton, as a learning college, in finding ways to improve student learning.

## Course Outcomes, Competencies, and Supplemental Competencies:

1. Recognize a medical emergency; assess the situation; manage emergency care and, if needed, extrication; coordinate his/her efforts with those of other agencies involved in the care and transportation of the patient; and establish rapport with the patient and significant others to decrease their state of crisis.
   1. Demonstrate the importance of a step-by-step approach to high quality prehospital intermediate life support.
   2. Identify unsafe scenes and describe methods for making them safe.
   3. List the AMS and LOC of the adult, child, and infant patient.
   4. List the components of an EMS system.
   5. Describe the correct safety measures needed during extrication of a patient.
2. Assign priorities of emergency treatment and record and communicate data to the designated medical command authority.
   1. List and describe the five communications phases of an EMS response.
   2. List the components of a radio report given to the Emergency Department.
   3. Prepare a prehospital care report on a simulated patient.
   4. Triage each patient appropriately using the provided list of patient conditions.
   5. Provide radio traffic for other incoming vehicles using the provided simulated patient scenarios.
3. Initiate and continue emergency medical care under medical control including the recognition of presenting conditions and initiation of appropriate invasive and non-invasive therapy such as intravenous therapy, nebulized Albuterol breathing treatments and endotracheal intubation.
   1. List the signs and symptoms of various medical and trauma conditions encountered in the prehospital environment.
   2. Describe the treatment for the various medical and traumatic injuries encountered in the prehospital environment.
   3. List and use the six (6) medical rights for providing medication to a patient.
   4. Describe the pharmokinetics and pharmodynamics of medications within their scope of practice.
   5. Demonstrate the necessary drug calculations.
   6. Demonstrate the correct steps of initiating an IV and IO using aseptic technique.
   7. Demonstrate the correct rules of interpretation of an ECG rhythm.
   8. Correctly demonstrate ECG interpretation.
4. Exercise personal judgment in case of interruption in medical direction caused by communication failure or in cases of immediate life-threatening conditions. (Under these circumstances, provides such emergency care as has been specifically authorized in advance.)
   1. Determine when medical direction has given an order that is in direct conflict of scope of practice or local protocols.
   2. Demonstrate the treatment associated with life-threatening conditions.
   3. Demonstrate the proper technique for team leading a simulated code blue patient.
   4. Describe the best method for fluid resuscitation for the trauma patient in the prehospital field.

# INSTRUCTOR’S EXPECTATIONS OF STUDENTS IN CLASS

# TEXTBOOKS AND OTHER REQUIRED MATERIALS

# REFERENCES

# METHODS OF INSTRUCTION AND EVALUATION

# ATTENDANCE REQUIREMENTS

# COURSE OUTLINE