

Department:

Health Sciences

Course Description:

This course is designed to provide advanced training for giving medical care to patients in the pre-hospital setting. The course will offer instruction and practical experience for students to develop the knowledge, skills, and attitudes needed for certification and practice as an Advance Emergency Medical Technician- (AEMT) in Kansas.

Course Competencies:

Upon completion of the course, the student should be able to:

1. Use knowledge of human anatomy and physiology to explain the rationale and fundamentals of pre-hospital care and treatment of the sick and injured.
2. Perform a complete and accurate advanced patient assessment.
3. Provide appropriate care for both life-threatening and non-life-threatening emergencies.
4. Demonstrate correct application and use of advanced airway and intravenous equipment in the pre-hospital setting.
5. Complete a written record of events for the use of the receiving hospital as well as a permanent record for local use.
6. Use mobile radio equipment to transmit necessary information in a clear, orderly manner from the scene or ambulance to the receiving facility.
7. Explain the rationale and procedure for personal and patient safety and care at the scene and throughout transport to a receiving facility.
8. Explain the rationale and procedure for infection control during and after any contact with a patient.

This course provides advanced instruction in content material covered 109-11-4a advanced emergency medical technician (AEMT) course approval by the state of Kansas AEMT.

Course Content:

The AEMT Instructional Guidelines in this section include all the topics and material at the EMT-B level PLUS the following material:

- A. Safety/well-being of the AEMT, medical/legal and ethical issues
- B. Airway, respiratory and circulatory systems assessment management in EMS
- C. Medical terms and abbreviations in written and oral communication
- D. Life span development related to patient assessment and management.
- E. Role of EMS during public health emergencies.
- F. Medications used by AEMTs that may be administered to a patient during an emergency.
- G. Scene size-up, primary and secondary assessment
- H. Advanced emergency care and transportation based on assessment findings
- I. Roles and responsibilities to ensure patient, public, and personnel safety

Learning Assessments:

Course competencies will be assessed by written homework assignments, written examinations, laboratory skills scenarios, practical skills exams, and clinical performance.

Instructional Materials:

Textbooks: Hazinski, M. F. (2011). *Basic Life Support for Healthcare Providers*. Dallas, TX: American Heart Association. ISBN-13: 978-1616690397

American Heart Association (2015). *Advanced Cardiovascular Life Support (ACLS) Provider Manual*. Dallas, TX: American Heart Association. ISBN-13: 978-1616694005

[The Kansas Board of Emergency Medical Services \(2014\). *Kansas Emergency Medical Services Education Standards Advanced Emergency Medical Technician*](https://www.ksbems.org/html%20pages/KS_AEMT.pdf). Retrieved from https://www.ksbems.org/html%20pages/KS_AEMT.pdf.

Alexander, M. & Belle, R. (2016). *Advanced EMT: A Clinical Reasoning Approach (2nd ed.)*. Pearson. ISBN-13: 978-0134420127

Guidelines for Requesting Accommodations Based on Documented Disability or Medical Condition

It is the intention of Highland Community College to work toward full compliance with the Americans with Disabilities Act, to make instructional programs accessible to all people, and to provide reasonable accommodations according to the law.

Students should understand that it is their responsibility to self-identify their need(s) for accommodation and that they must provide current, comprehensive diagnosis of a specific disability or medical condition from a qualified professional in order to receive services. Documentation must include specific recommendations for accommodation(s). Documentation should be provided in a timely manner prior to or early in the semester so that the requested accommodation can be considered and, if warranted, arranged.

In order to begin the process all students **must** complete the “Disabilities Self-Identification Form” on our [Disability Services website](#).

This form can also be accessed at the Highland Community College homepage under Students Services/Student Resources/Disability Service or by contacting the Disabilities Coordinator.

A Note on Harassment, Discrimination and Sexual Misconduct

Highland Community College seeks to assure all community members learn and work in a welcoming and inclusive environment. Title VII, Title IX, and College policy prohibit harassment, discrimination and sexual misconduct. Highland Community College encourages anyone experiencing harassment, discrimination or sexual misconduct to talk to report to the Vice President for Student Services, the Human Resources Director or complete an [online report](#) about what happened so that they can get the support they need and Highland Community College can respond appropriately.

There are both confidential and non-confidential resources and reporting options available to you. Highland Community College is legally obligated to respond to reports of sexual misconduct, and therefore we cannot guarantee the confidentiality of a report, unless made to a confidential resource. Responses may vary from support services to formal investigations. As a faculty member, I am required to report incidents of sexual misconduct and thus cannot guarantee confidentiality. I must provide our Title IX coordinator with relevant details such as the names of those involved in the incident. For more information about policies and resources or reporting options, please review our [Equity Grievance Policy](#).