

LABETTE COMMUNITY COLLEGE BRIEF SYLLABUS

SPECIAL NOTE:

This brief syllabus is not intended to be a legal contract. A full syllabus will be distributed to students at the first class session.

TEXT AND SUPPLEMENTARY MATERIALS USED IN THE COURSE (if any):

Please check with the LCC bookstore <http://www.labette.edu/bookstore> for the required texts for this class.

<u>COURSE NUMBER:</u>	HEAL 191
<u>COURSE TITLE:</u>	ADVANCED EMERGENCY MEDICAL TECHNICIAN - CLINICAL AND FIELD INTERNSHIP
<u>SEMESTER CREDIT HOURS:</u>	9
<u>DEPARTMENT:</u>	Workforce Education, Career Training & Personal Enrichment
<u>DIVISION:</u>	Continuing Education/Workforce)
<u>PREREQUISITES:</u>	Current certification as a Kansas Emergency Medical Technician (EMT) Satisfaction of LCC Advanced EMT admission standards Successful completion of HEAL Advanced Emergency Technician Received approval from the course lead instructor to participate in AEMT-Clinical and Field Internship
<u>REVISION DATE:</u>	October 2018

COURSE DESCRIPTION:

The Advanced Emergency Medical Technician (AEMT) Clinical and Field Internship course allows the AEMT student to have hands on experience to apply their newly acquired knowledge and skills gained in HEAL AEMT in an Emergency Medical Technician (EMT) environment where the student is in a closely supervised prior to the eligibility for certification testing. The student will assess, provide and manage hospital and pre-hospital emergency care to patients experiencing trauma or medical emergencies using guidelines from the National Standard Guidelines Scope of Practice (NSGSP) and the Kansas Authorized Activities for the AEMT.

The student is required to document a minimum of 72 hours working in a hospital or nursing home designated by the Lead Instructor and a minimum of 224 hours working directly with an on duty ambulance crew. In addition the student will be required to attend all skills lab hours to review clinicals, field internship, and required skills. The student will be evaluated for the lab, clinical and field settings.

Upon successful completion of the AEMT and the AEMT-Clinical and Field Internship course, the student is allowed to challenge the exams to become a Kansas and National Registered AEMT.

COURSE OUTCOMES AND COMPETENCIES:

Students who successfully complete this course will be able to:

1. Apply fundamental knowledge of the EMS system, professional roles, safety/well-being of the AEMT, and medical/legal and ethical issues to the provision of emergency care in the pre-hospital emergency care setting.

- Demonstrate knowledge of continuous quality improvement.
- Identify high-risk activities and procedures if encountered.
- Perform procedures for infection control during and after contact with patient.
- Demonstrate principles of medical documentation and report writing.
- Identify principles and procedures for special situations, reports, and incident reporting.
- Demonstrate effective and appropriate use of transmitting devices and communication to other healthcare professionals.
- Communicates with patients professionally and that achieves a positive relationship.

2. Complete with proficiency and apply to real world events, the skills and competency based assessments and patient treatment necessary to be eligible for Kansas State and national exams.

- Perform patient assessment for trauma.
- Perform patient assessment for medical emergencies.
- Demonstrate proper long bone immobilization.
- Demonstrate proper joint immobilization.
- Successfully perform 20 venipunctures, of which 10 shall be for the purpose of initiating intravenous infusions.
- Administer a minimum of one nebulized breathing treatment during clinical training.
- Successfully perform five intraosseous infusions.
- Perform a complete patient assessment on each of 15 patients, of which at least 10 shall be accomplished during field internship training.
- While directly supervised by an AEMT, a paramedic, a physician, an advanced practice registered nurse, or a professional nurse, respond to 10 ambulance calls.
- Perform 10 intramuscular or subcutaneous injection procedures.
- Complete 10 patient charts or patient care reports, or both.
- Perform the application and interpretation of the electrocardiogram on eight patients during clinical training and field internship training.
- Demonstrate competency for ventilatory management including supraglottic airway device and pediatric respiratory compromise.
- Manage a cardiac arrest situation with the proper use of an AED and 1 rescuer CPR.

3. Apply fundamental knowledge in pharmacological interventions available to treat patients as an AEMT in the pre-hospital or emergency setting.

- Identify the pharmacological actions/interactions/incompatibilities.

- Correctly recall from memory the correct indications, contraindications, dose, routes of administration, major side effects, and major precautions of any AEMT level medication
- Demonstrate the role in safe administration of approved medications.
- Perform the “rights” process with 100% accuracy.

4. Demonstrate proper use of techniques and equipment used in the AEMT level management of a sick or injured patient.

- Demonstrate the proper use of airway adjuncts, oxygen therapy and ventilation devices.
- Apply splints and wound care appropriately to affected sites.
- Demonstrate the ability to apply and interpret EKG’s.
- Identify purpose, indications and procedure for blood glucose determination

5. Demonstrate on live patients the ability to perform an ALS level assessment, develop and carry out an ALS level treatment plan

- Integrates the knowledge of the different systems to make decisions for assessment and treatment.
- Participate in a variety of medical and trauma situations
- Demonstrate patient assessment and assessment of vital signs
- Demonstrate the ability to devise and execute appropriate treatment plans for medical and trauma patients