

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 151
<u>COURSE TITLE:</u>	ADVANCED CARDIAC LIFE SUPPORT (ACLS)
<u>SEMESTER CREDIT HOURS:</u>	1
<u>DEPARTMENT:</u>	Health Care
<u>DIVISION:</u>	Workforce Education/Community Service
<u>PREREQUISITE:</u>	None

COURSE DESCRIPTION:

This course is designed to provide the participant with the skills to respond to acute cardiovascular situations in and out of the hospital setting.

COURSE OUTCOMES AND COMPETENCIES:

Students who successfully complete this course will be able to:

1. Demonstrate advanced cardiopulmonary resuscitation skills.
 - Provide supplemental oxygen when needed.
 - Provide a patent airway with a variety of airway adjuncts.
 - Provide ventilation appropriate to emergency situation.
 - Maintain a patent airway. Recognize and correct airway problems.
2. Provide defibrillation and transcutaneous pacing as appropriate.
 - Identify situations that require defibrillation/cardioversion, or transcutaneous pacing.
 - Describe proper application of defibrillation/cardioversion, or transcutaneous pacing.
 - Identify equipment needed for defibrillation/cardioversion, or transcutaneous pacing.

3. Recognize life threatening cardiac dysrhythmias

- Identify pulseless ventricular tachycardia/ventricular fibrillation.
- Identify tachycardia's.
- Identify bradyarrhythmias.
- Identify PEA and asystole.

4. Demonstrate competency in determining the first ten minutes of treatment for life threatening cardiac dysrhythmias.

- Identify immediate steps to be taken for cardiac emergencies
- Conduct primary and secondary ABCD surveys.
- Know and apply the cardiac arrest algorithm.
- Know and apply algorithms for life-threatening cardiac dysrhythmias.
- Demonstrate ability to provide appropriate pharmacological support.