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.

COURSE NUMBER: HEAL 151

COURSE TITLE: ADVANCED CARDIAC LIFE SUPPORT (ACLS)

SEMESTER CREDIT HOURS: 1

DEPARTMENT: Health Care

DIVISION: Workforce Education/Community Service

PREREQUISITE: 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.