

COURSE OUTLINE
HEED-117
Basic Life Support for Healthcare Professional
1 Semester Hour

HOWARD COMMUNITY COLLEGE

Description

This course is designed to acquaint students with theories and techniques of Basic Life Support for the Healthcare Professional. After the successful completion of this course, a two-year card from the American Heart Association in Basic Life Support for Healthcare Providers will be awarded.

Overall Course Objectives (List only requirements that will be included in all sections of the course)

Upon completion of this course the student will be able to:

1. Describe anatomy and physiology of the respiratory system.
2. Name the links in the AHA Adult Chain of Survival and state the significance of each link.
3. Define emergency cardiovascular care.
4. Describe the anatomy and physiology of the cardiovascular system.
5. Define the following terms: coronary artery disease, angina pectoris, Acute Myocardial Infarction.
6. List four signs and symptoms of Acute Myocardial Infarction.
7. Describe the appropriate “Actions for Survival” for a victim with signs of chest discomfort.
8. Explain how sudden cardiac death occurs secondary to coronary artery disease.
9. Define the following terms: transient ischemic attack, acute stroke, ischemic stroke, and hemorrhagic stroke.
10. List 3 prudent heart living changes in lifestyle.
11. List the action steps you would perform for an adult patient in respiratory and cardiac arrest.
12. Describe and demonstrate one and two rescuer CPR.

13. Describe and demonstrate the following: face shield, pocket mask, bag-value mask.
14. Describe and demonstrate cricoid pressure.
15. Discuss the importance of early defibrillation and the purpose of an AED.
16. List the steps common to the operation of all AED's.
17. List at least 3 special circumstances that require modified action when using an AED.
18. List the most common causes of Adult FBAO.
19. Describe how to perform a tongue-jaw lift and finger sweep.
20. Describe the sequence of action for management of FBAO for the conscious and unconscious victim – adult, infant, or child.
21. List the sequence of action you should perform when an infant or child is in respiratory or cardiac arrest.
22. Describe and demonstrate 1 and 2 rescuer CPR for an infant and for a child.
23. List 10 potential safety hazards for children.
24. Explain the purpose of Good Samaritan Laws.

Major Topics

- I. CPR – Adult, Child, Infant (one and two rescuer)
- II. Automated External Defibrillator (AED)
- III. Foreign body airway obstruction
- IV. Legal aspects
- V. Accident prevention
- VI. Prudent Heart Living
- VII. Heart and Lung Anatomy and Function

Course Requirements (List only objectives that will be included in all sections of the course)

Grading/exams: Grading procedures will be determined by the individual faculty member but will include the following: the final grade will be based on successful demonstration of all infant, child and adult emergency skills, quizzes, oral presentation, multiple choice exam, class participation and attendance.

Other Course Information