

**J. Sargeant Reynolds Community College
Course Content Summary**

Course Prefix and Number: HLT 105

Credits: 1

Course Title: Cardiopulmonary Resuscitation

Course Description: Provides training in coordinated mouth-to-mouth artificial ventilation and chest compression, choking, life-threatening emergencies, sudden illness, and AED skills for adults, children, and infants. Equivalent to EMS 100. Lecture 1 hour per week.

General Course Purpose: This course is offered based on American Heart Association Standards and will give the student the abilities needed to offer life sustaining support to patients in cardiopulmonary emergencies.

Course Prerequisites and Co-requisites:

None

Course Objectives:

Upon completing the course, the student will be able to

- a. Apply correctly and consistently the cognitive and psychomotor skills of cardiopulmonary resuscitation;
- b. Recognize prudent heart living, risk factors, signals, and actions for survival and system entry;
- c. Perform the one-man, two-man, and baby CPR (American Heart) scenario without error;
- d. Achieve a grade of 84% or better on a written examination for certification; and
- e. Operate an Automatic External Defibrillator (AED) for adults, children, and infants.

Major Topics to be Included:

- a. Breathing, circulation, and cardiac arrest
- b. Early warning signals
- c. Prudent heart living
- d. Artificial respiration and artificial circulation
- e. One-man CPR
- f. Infant and child
- g. Foreign body obstruction
- h. AED operation

Note: Professional rescuer skills are an optional component in this course and will include the following two rescue procedures: airway management skills, use of resuscitation masks

Effective Date of Course Content Summary: August 1, 2014