

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

Course Prefix and Number: EMS 100

Credits: 1

Course Title: CPR for Healthcare Providers

Course Description: Provides instruction in Cardiopulmonary Resuscitation that meets current Emergency Cardiac Care (ECC) guidelines for Cardiopulmonary Resuscitation education for Healthcare Providers. Specifically provides training in coordinated mouth-to-mouth/mask artificial ventilation and chest compression, choking, life-threatening emergencies, sudden illness, and AED skills for adults, children, and infants in keeping with current Emergency Cardiac Care Standards as established by the American Heart Association. Equivalent to HLT 105. Co-requisite: EMS 112. Lecture 1 hour per week.

General Course Purpose: Integral part of the Emergency Medical Technician courses (EMS 112, EMS 113, and EMS 120)

Course Prerequisites and Co-requisites:

Co-requisite: EMS 112

Student Learning Outcomes:

Upon completing the course, the student will be able to

- a. Provide mouth-to-mouth/mask artificial ventilation for adults, children, and infants;
- b. Provide adequate chest compressions for adults, children, and infants;
- c. Recognize and treat choking emergencies;
- d. Recognize the signs and symptoms of cardiac emergencies; and
- e. Identify and utilize an Automated External Defibrillator (AED) in adults, children, and infants during cardiac arrest.

Major Topics to Be Included:

- a. Basic overview of Airway and Circulatory Systems Anatomy in Adults, Children, and Infants
- b. Airway Management of Adults, Children, and Infants
- c. Cardiac Compression Description of Adults, Children, and Infants
- d. Signs and Symptoms of Cardiac Emergencies
- e. Signs and Symptoms of Choking Emergencies
- f. Purpose and Use of an Automated External Defibrillator (AED) in Adults, Children, and Infants

Date Created/Updated (Month, Day, and Year): May 30, 2019