

# ***COCONINO COMMUNITY COLLEGE***

## ***COURSE OUTLINE***

Prepared by: Scott R. Walton  
Status: Permanent

Date: March 1, 1994

A. Identification:

1. Subject Area: Emergency Medical Services
2. Course Number: EMS 100
3. Course Title: EMERGENCY MEDICAL SERVICES FIRST RESPONSE TRAINING COURSE
4. Credit Hrs: 3
5. Catalog Description:  
Working knowledge of emergency medicine per the U.S. Department of Transportation guidelines.  
Two lecture; two lab.

B. Course Goals:

To provide the student with the basic emergency medical and practical skills as outlined in the U.S. Department of Transportation Course Guide and to improve the quality of emergency medical care rendered to victims of accidents and illness. The student will be proficient not only in providing basic emergency medical care to victims of emergencies but also in taking any actions necessary to minimize patient suffering and prevent further injury.

C. Course Outcomes:

Students will:

1. Understand the roles and responsibilities of the first responder.
2. Understand the major body components of anatomy and physiology.
3. Demonstrate CPR.
4. Understand the basic mechanics of respiration and circulation.
5. Recognize closed and open injuries.
6. Demonstrate immobilizing fractures and dislocations.
7. Demonstrate knowledge of practical skills.
8. Describe procedures for assisting in normal and abnormal childbirth.
9. Demonstrate the severity of a burn and treatment.
10. Understand the priority levels for triage purposes.
11. Use simple tools in the extrication of patients from vehicles.

D. Course Content:

Will include:

1. Introduction to the EMS System.
2. Overview of the human body.
3. Diagnostic signs and patient examination and care.
4. Airway care and cardiopulmonary resuscitation.
5. Shock, bleeding, primary patient survey.
6. Injuries to tissues and internal organs.
7. Extremities injuries and splinting.
8. Poisons, drugs, burns and exposure to heat and cold.
9. Emergency childbirth.
10. Triage and patient access.