

**PALOMAR COLLEGE**  
**COURSE OUTLINE OF RECORD FOR**  
**DEGREE CREDIT COURSE**

  X   Transfer Course     X   A.A. Degree applicable course  
(check all that apply)

**COURSE NUMBER AND TITLE:**       PE 104 Advanced First Aid  
  EME 100 Advanced First Aid

**UNIT VALUE:** 3

**MINIMUM NUMBER OF SEMESTER HOURS:** 48

**BASIC SKILLS REQUIREMENTS:** Appropriate language skills

**ENTRANCE REQUIREMENTS**   None

**PREREQUISITE:**   None

**COREQUISITE:**   None

**RECOMMENDED PREPARATION:**   None

**SCOPE OF COURSE:**

The study and application of emergency medical skills and procedures, including basic anatomy and physiology, terminology, and prevention of disease transmission, for CPR certification from the American Heart Association and/or the American Red Cross.

**SPECIFIC COURSE OBJECTIVES:**

Successful students will...

- I.   explain the first responder's role in pre-hospital care.
- II.   identify medical and behavioral emergencies.
- III.   apply principles of bandaging and splinting for musculoskeletal and spinal injuries.
  - A.   application of cervical collar
  - B.   in-line stabilization with backboard
- IV.   identify body systems and specific emergencies; with emphasis on the cardiopulmonary system.
- V.   analyze the importance of early detection of cardiovascular emergencies.
- VI.   explain techniques of cardiopulmonary resuscitation of the professional rescuer for the following:
  - A.   One rescuer CPR
    1.   Adult
    2.   Child

- 3. Infant
- B. Two rescuer CPR
  - 1. Adult
  - 2. Infant
- C. Airway obstruction
  - 1. Adult
  - 2. Child
  - 3. Infant

VII. identify guidelines for writing a detailed emergency report

**CONTENT IN TERMS OF SPECIFIC BODY OF KNOWLEDGE:**

- A. The first responder:
  - 1. Legal, ethical & emotional issues.
  - 2. Preventing disease transmission.
  - 3. Basic anatomy and physiology
  - 4. Lifting and moving victims (skill demonstration)
  
- B. Patient assessment:
  - 1. Cardiopulmonary emergencies
  - 2. Airway obstruction and resuscitation.
  - 3. CPR (skill demonstration)
  
- C. Illness and specific injuries:
  - 1. Severe bleeding, burns and shock.
  - 2. Musculoskeletal injuries; bandaging & splinting (skill demonstration)
  - 3. Poisoning and medical emergencies
  - 4. Spinal immobilization (skill demonstration)
  
- D. Childbirth:
  - 1. Problems in infants and children
  - 2. Emergency childbirth
  
- E. EMS operations:
  - 1. EMS response; phases and equipment, MCI's
  - 2. Incident command system
  - 3. Simple triage and rapid treatment system
  - 4. Environmental emergencies
  
- F. American Red Cross Certification:
  - 1. Emergency Response
  - 2. Prevention of Disease Transmission
  - 3. CPR for the professional rescuer
  
- G. American Heart Association Certification
  - 1.
  - 2.

**REQUIRED READING:**

The American National Red Cross. Emergency Response. Boston: MA, Staywell, ECC 2000.

**SUGGESTED READING:**

Newspaper articles relating to emergency medical care.

**REQUIRED WRITING:**

Emergency medical completion of workbook assignments.

**OUTSIDE ASSIGNMENTS:**

**Students are expected to spend a minimum of three hours per unit per week in class and on outside assignments, prorated for short-term classes.**

Read and study handouts, lecture notes, and text. Practice skills, and study for exams.

**INSTRUCTIONAL METHODOLOGY:**

**Check all that apply:**

- lecture
- laboratory
- lecture-laboratory combination
- directed study

**DISTANCE LEARNING:**

**This course may be offered as a distance learning course and meets Title 5 regulations 55370, 55372, 55374, 55376, 55378, and 55380.**

Yes  No

**If yes, check all that apply:**

- Television Course (Video one-way, e.g. ITV, video cassette, etc.)
- Online Course (Text one-way, e.g. newspaper, correspondence, electronic file, etc.)
- Two-Way Video Conferencing (Two-way interactive video and audio)
- One-Way Video Conferencing (One-way interactive video and two-way interactive audio)
- Computer Assisted Instruction (A specialized form of mediated instruction relying primarily on student access to information and prepared lessons or teaching materials through a computer terminal, but not under immediate supervision of a qualified instructor.)

**GRADING POLICY AND STANDARDS** (include methods of determining whether the stated objectives have been met by students):

- 20% Participation/Demonstration
- 20% Quizzes/Reports
- 20% Mid-term exams
- 40% Final exam

**IS COURSE REPEATABLE FOR REASON(S) OTHER THAN DEFICIENT GRADE?**

Yes  No  Number of times course may be taken for credit: 1

If yes, identify specific provision of Title 5 Division 2 section(s), 55761-55763 and 58161 which qualifies course as repeatable:

**CONTACT PERSON (s):** Teri McFarland/ Extension 2467-

**SIGNATURES ON FILE**