

COURSE: AED 100 – Automated External Defibrillator

INSTRUCTOR: Debra Ernst, LPN (Certified Red Cross Instructor)

CREDIT: .5 Semester Credit

REQUIRED TEXT: *American Red Cross Standard First Aid and Safety: Community CPR/AED Training Skills Card*

INSTRUCTIONAL OBJECTIVE: To prepare individuals in the workplace to provide care for breathing emergencies, perform cardiopulmonary resuscitation (CPR) and use an automated external defibrillator (AED) for victims of sudden cardiac arrest and to provide first aid to victim(s) on the scene.

UNITS OF INSTRUCTION:

- Explain the three emergency action steps to follow in a emergency.
- List four life-threatening conditions for which you should check.
- Recognize the signals of heart attack.
- Explain the cardiac chain of survival for a victim of cardiac arrest.
- List the precautions for using an AED.
- Demonstrate how to use universal precautions when caring for victims of breathing an cardiac emergencies.
- Demonstrate how to check an unconscious adult/child/infant.
- Demonstrate how to care for a conscious and an unconscious choking adult/child/infant.
- Demonstrate how to care for an adult/child/infant who has a pulse but is not breathing.
- Demonstrate how to give CPR to an adult/child/infant.
- Demonstrate how to use an AED for an adult in cardiac arrest.
- Describe two types of burns.
- Describe how to care for open and closed wounds and wounds with an impaled objects.
- List the basic step for burn care.
- Describe the general care for musculoskeletal.
- List four principles of splinting.
- Describe how to care for specific injuries to the head, face, neck, and low back.
- Identify the general guidelines of care for any poisoning emergency.
- Describe the care for cold/heat-related illness.
- List four steps in controlling bleeding.

LEARNING ACTIVITIES: Lecture, videos, demonstrations, and return demonstrations.

COURSE EVALUATION: The student must achieve a minimum 90% competency on the written criterion examinations and performance examinations as prepared by the American Red Cross.

Revised: 8/09