

Revised by: G. Clarke
Reviewed by: R. Kizzar
Reviewed by: K. Bandy
Reviewed by: D. Layne
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Semester effective: Fall 2019

Occupational Safety and Health (OSH) 1107 Medic First Aid Training/CPR (.25 Unit)
[formerly Petroleum Technology 94A and IES 1107]

Prerequisite: None

Total Hours: 6 hours lecture; 2 hours lab (8 hours total)

Catalog Description: This course provides minimum knowledge necessary for a first aid provider to manage a medical emergency. Content includes how to recognize medical emergencies and provide basic first aid care for ill or injured adult patients. This course is repeatable. This course is offered on a Pass/No Pass basis with the option to receive a letter grade.

Type of Class/Course: Degree Credit

Text:

BasicPlus COP, AED, and First Aid for Adults Version 8. Health and Safety Institute. 2017.

Additional Required Materials: None

Course Objectives:

By the end of the course, a successful student will be able to

1. perform all skills needed to respond to the immediate circumstances of an injury or sudden onset illness,
2. take the steps necessary to protect the care initiator from the hazards associated with lending aid to an injured or suddenly ill patient, and
3. understand the importance of maintaining control of an accident scene until emergency medical personnel arrive.

Course Scope and Content: (Lecture)

- Unit I Role of the first aid provider
- A. Emergency first aid care
 - B. Recognizing an emergency
 - C. Deciding to help
 - D. Personal safety
 - E. Using barriers
- Unit II Approaching the patient
- A. Assessing for response
 - B. Mechanism for spinal injury
 - C. Activating Emergency Medical Services (EMS)

- Unit III Basic life support
 - A. Basic life supporting skills
 - B. Airway
 - C. Clearing the airway
 - D. Protecting the airway
 - E. Breathing
 - F. Circulation
 - G. Initial assessment
 - H. Unresponsive patient
 - I. Cardiopulmonary Resuscitation (CPR) for Cardiac Arrest

- Unit IV Defibrillation
 - A. Sudden cardiac arrest
 - B. Basic Automatic External Defibrillator (AED) Operation
 - C. Troubleshooting messages
 - D. Other AED considerations

- Unit V Bleeding and shock
 - A. Control of bleeding
 - B. Managing shock

- Unit VI Choking
 - A. Foreign body airway obstruction

- Unit VII Continuous patient care
 - A. Ongoing assessment

- Unit VIII Caring for illness
 - A. Warning signs of serious illness
 - B. Altered level of responsiveness
 - C. Pain, severe pressure, or discomfort in chest
 - D. Breathing difficulty, shortness of breath
 - E. Severe abdominal pain

- Unit IX Caring for injury
 - A. Mechanism for significant injury
 - B. Swollen, painful, deformed limb

- Unit X Specific first aid problems
 - A. Caring for specific first aid problems
 - B. Performing a physical assessment
 - C. Obtaining a patient history

- Unit XI Additional considerations
 - A. Moving patients
 - B. Emotional impact of providing first aid care
 - C. Following the course

Course Scope and Content: (Laboratory)

1. Each Unit is followed by a “Group Practice” evolution that provides hands-on practice of skills using specific equipment, materials, and knowledge.

Learning Activities Required Outside of Class: None

Methods of Instruction:

1. Lecture
2. Video Presentation
3. Discussion
4. Hands-on practice of skills
- 5.

Methods of Evaluation:

1. Observation of the student's correct application of hands-on procedures

Supplemental Data:

TOP Code:	125000: Emergency Medical Services
SAM Priority Code:	C: Clearly Occupational
Distance Education:	Not Applicable
Funding Agency:	Y: Not Applicable(funds not used)
Program Status:	1: Program Applicable
Noncredit Category:	Y: Not Applicable, Credit Course
Special Class Status:	N: Course is not a special class
Basic Skills Status:	N: Course is not a basic skills course
Prior to College Level:	Y: Not applicable
Cooperative Work Experience:	N: Is not part of a cooperative work experience education program
Eligible for Credit by Exam:	NO
Eligible for Pass/No Pass:	C: Pass/No Pass
Taft College General Education:	NONE