

CATALOG INFORMATION

Dept and Nbr: APED 353.3      Title: FIRST AID ROOFERS, MOD.3  
Full Title: First Aid for Roofers, Module 3  
Last Reviewed: 2/24/2020

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	0.50	Lecture Scheduled	3.00	1	Lecture Scheduled	3.00
Minimum	0.50	Lab Scheduled	5.00	1	Lab Scheduled	5.00
		Contact DHR	0		Contact DHR	0
		Contact Total	8.00		Contact Total	8.00
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 6.00

Total Student Learning Hours: 14.00

Title 5 Category: AA Degree Non-Applicable  
Grading: Grade Only  
Repeatability: 00 - Two Repeats if Grade was D, F, NC, or NP  
Also Listed As:  
Formerly: APED 350.3

**Catalog Description:**  
This course teaches CPR and First Aid emergency response skills which enable participants to give immediate care to a person who has been injured or is experiencing a sudden illness. This course satisfies first-time and renewal certifications. Students must be admitted to the Indentured roofer apprentice program, to register for this class.

**Prerequisites/Corequisites:**  
Minimum Age 18 or older

**Recommended Preparation:**

**Limits on Enrollment:**  
Admission to Program - Indentured Roofer Apprenticeship.

Applicants shall be at least 18-years of age at the time of indenture.

**Schedule of Classes Information:**  
Description: This course teaches CPR and First Aid emergency response skills which enable participants to give immediate care to a person who has been injured or is experiencing a sudden illness. This course satisfies first-time and renewal certifications. Students must be admitted to

the Indentured roofer apprentice program, to register for this class. (Grade Only)

Prerequisites/Corequisites: Minimum Age 18 or older

Recommended:

Limits on Enrollment: Admission to Program - Indentured Roofer Apprenticeship.

Applicants shall be at least 18-years of age at the time of indenture.

Transfer Credit:

Repeatability: Two Repeats if Grade was D, F, NC, or NP

## **ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:**

<b>AS Degree:</b>	<b>Area</b>	<b>Effective:</b>	<b>Inactive:</b>
<b>CSU GE:</b>	<b>Transfer Area</b>	<b>Effective:</b>	<b>Inactive:</b>
<b>IGETC:</b>	<b>Transfer Area</b>	<b>Effective:</b>	<b>Inactive:</b>
<b>CSU Transfer:</b>		<b>Effective:</b>	<b>Inactive:</b>
<b>UC Transfer:</b>		<b>Effective:</b>	<b>Inactive:</b>

**CID:**

**Certificate/Major Applicable:**

Certificate Applicable Course

## **COURSE CONTENT**

### **Student Learning Outcomes:**

At the conclusion of this course, the student should be able to:

1. Perform and explain CPR (cardiopulmonary resuscitation) and obstructed airway skills.
2. Perform and explain standard first aid skills which include: comprehensive victim assessment, control of severe bleeding, wound care, treatment for shock, burns, bone, joint and muscle injuries, heat and cold exposure, and sudden illness.
3. Qualify for a completion certificate in First Aid training.

### **Objectives:**

At the conclusion of this course, the student should be able to:

1. Assess an unconscious person
2. Perform Cardiopulmonary Resuscitation (CPR)
3. Perform obstructed airway skills
4. Place an unconscious victim (who is breathing) in the recovery position
5. Perform a comprehensive assessment on a conscious person who is injured or has a sudden illness
6. Recognize the signs and symptoms of cardiovascular emergencies (including heart attack, angina, and stroke)
7. Administer first aid for control of external bleeding and internal bleeding
8. Provide first aid for wounds and embedded objects
9. Administer first aid for shock (including anaphylaxis)
10. Administer first aid for thermal, chemical, and electrical burns
11. Administer first aid for bone and joint injuries (including fractures, dislocations, sprains, and strains)

12. Provide first aid for diabetic emergencies
13. Administer first aid for seizures
14. Administer first aid for heat related emergencies (including heat cramps, heat exhaustion, and heat stroke)
15. Provide first aid for cold related emergencies (including frost bite and hypothermia)

## **Topics and Scope:**

### **I. First Aid Practices**

- A. Assessment of an unconscious victim
- B. CPR
- C. Obstructed airway (conscious and unconscious)

### **II. Standard first aid skills**

- A. Comprehensive victim assessment
  1. Obtain consent
  2. Identify chief complaint
  3. Perform head-to-toe assessment
  4. Obtain medical history

#### **B. Bleeding:**

1. External
2. Internal

#### **C. Shock**

1. Prevention and treatment
2. Signs and symptoms
3. Anaphylaxis

#### **D. Wound care**

1. Cleaning wound
2. Preventing infection
3. Embedded objects

#### **E. Burns**

1. Thermal
2. Chemical
3. Electrical

#### **F. Bone and joint injuries**

1. Fractures
2. Dislocations
3. Sprains
4. Strains

#### **G. Sudden illness (medical emergencies)**

1. Diabetic
2. Heart attack
3. Angina
4. Stroke
5. Fainting
6. Seizures

#### **H. Heat related emergencies**

1. Heat cramps/muscle spasms
2. Heat exhaustion
3. Heat stroke
4. Cold related emergencies
5. Frostbite
6. Hypothermia

## Assignment:

1. Reading: weekly textbook chapter(s) of approximately 20-25 pages each
2. Writing: weekly written assessments
3. Skills demonstrations: weekly skill demonstration exercises
4. Exams: weekly quizzes and final exam

## Methods of Evaluation/Basis of Grade:

**Writing:** Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

Weekly written assignments

Writing  
10 - 20%

**Problem Solving:** Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

None

Problem solving  
0 - 0%

**Skill Demonstrations:** All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

Weekly skills demonstrations

Skill Demonstrations  
20 - 50%

**Exams:** All forms of formal testing, other than skill performance exams.

Quizzes and final exam

Exams  
20 - 50%

**Other:** Includes any assessment tools that do not logically fit into the above categories.

Class attendance and participation

Other Category  
0 - 10%

## Representative Textbooks and Materials:

First Aid, CPR and AED Standard. 7th ed. American Academy of Orthopaedic Surgeons. Jones and Bartlett Learning. 2017