

Rescue Practices for Fire Service

Course Design

2005-2006

Course Information

Organization	Eastern Arizona College
Division	Industrial Technology Education
Course Number	FSC 115
Title	Rescue Practices for Fire Service
Credits	3
Developed by	Stephen Cullen, Ph.D.
Lecture/Lab Ratio	Lecture=3, Lab=0
Transfer Status	Non Transferable
Activity Course	No
CIP Code	43.0203
Assessment Mode	Pre/Post Test Questions=15, Points=60
Semester Taught	Offered Upon Request
GE Category	None
Separate Lab	No
Awareness Course	No
Intensive Writing Course	No

Prerequisites

None at this time

Educational Value

This course is designed to prepare and train the fire science student for the fire service by providing an in-depth understanding of current issues and the development of proper techniques for current rescue practices.

Description

Introduction to skills necessary to assess, extricate, and care for victims in emergency situations. This course also includes an overview of fire service-based rescue, rescue operations and incident management, and civilian versus firefighter rescue. Also includes an overview of technical rescues.

Textbooks

No Textbook Required

Competencies and Performance Standards

1. Develop skills in Cardiopulmonary procedures

Performance Standards

Student demonstrates competence when he/she:

- o has successfully completed an accredited CPR Training.

Student performance will be successful when he/she:

- o demonstrates proper technique in cardiopulmonary resuscitation

2. Develop Skills/training in rescue practices appropriate to a wide range of emergency situations involving fire and threat of fire.

Performance Standards

Student will demonstrate competence by

- o understanding the rescue practices needed for victims in collapsed building
- o understanding the rescue practices needed rescue victims from motor vehicles accidents
- o understanding the rescue practices needed for victims in elevator accidents
- o understanding the rescue practices needed for victims in electrical accidents
- o understanding the rescue practices needed for trapped victims
- o understanding the rescue practices needed for victims in elevated location
- o understanding the rescue practices needed for victims trapped in burning structures
- o understanding the rescue practices needed for victims in natural disasters
- o understanding the rescue practices needed for victims trapped in cave-ins
- o understanding the rescue practices needed for victims in water rescues
- o understanding the rescue practices needed for victims exposed to hazardous materials

Student performance will be successful when she/she

- o outlines orally and in written form the elements of the Sizeup process, which includes assessing the situation and determining a safe action plan for the scenario presented.
- o accurately locates the victim(s) and documents their location.
- o outlines a safe plan of action needed to remove victims from elevator accidents.
- o outlines a safe plan of action from stabilizing victims involved in electrical accidents.
- o accurately outlines and describes the difference types of voids that are created at a fire scene.

3. Develop the skills to quickly analyze and develop a plan of action to address emergencies involving fire or threat of fire in a variety of situations.

Performance Standards

Student will demonstrate competence by

- o accurately gathers facts relative to the scene.
- o identify the type of structure
- o estimating the number of victims involved at the scene
- o expeditiously establishing priorities
- o outlining the deployment of resources
- o developing plan of action

Student will successful when he/she

- o assesses weather condition, potential hazards, and communicates damages
- o assesses the hazards and threats to the rescuer
- o assesses the adequate margin of safety
- o determines how personnel and other resources should be deployed

4. Develop first aid skills to cope with injuries at the scene of an emergency.

Performance Standards

Student will demonstrate competence by

- o identifying different types of wounds and injuries
- o identifying when a victim is in the state of shock
- o identifying when to use artificial respiration
- o identifying the victim's degree of burn
- o identifying the specific bone, joint, and/or muscles that have been injured

Student performance will be successful when he/she

- o administers effective first aid treatment to the properly diagnosed wound or injury
- o can effectively assists the victim who is the state of shock
- o can effectively implements artificial respiration
- o can effectively administer proper first aid for the burn victim identified at the scene of the emergency

5. Development of skills to quickly move and extricate victims of accident to emergency aid center without further injury to the victim.

Performance Standards

Student will demonstrate competence by:

- o identifying the different types of voids and cause of identified void.
- o accurately outlines the search methods.

Student performance will be successful when he/she:

- o accurately identifies the void.

- o implements and uses systematic search pattern.
- o maps and triangulate the emergency scene.
- o triaging or stabilizing victims.
- o maintains rescuer safety.
- o demonstrates proper cribbing techniques.
- o demonstrates one-person arm carry, one-person pack-strap, two-person carry and chair carry
- o demonstrates correct drag technique and blanket drag and blanket drag.

Types of Instruction

Lecture

Class demonstrations

Grading Information

A=90%-100%

B=80%-89%

C=70-79%

D=60%-69%

F=Below 60%