

CATALOG INFORMATION

Dept and Nbr: FIRE 212

Title: RESCUE SYSTEMS 1

Full Title: Rescue Systems 1

Last Reviewed: 11/14/2011

| Units | | Course Hours per Week | | Nbr of Weeks | Course Hours Total | |
|---------|------|-----------------------|-------|--------------|--------------------|-------|
| Maximum | 1.00 | Lecture Scheduled | 10.00 | 2 | Lecture Scheduled | 20.00 |
| Minimum | 1.00 | Lab Scheduled | 30.00 | 1 | Lab Scheduled | 60.00 |
| | | Contact DHR | 0 | | Contact DHR | 0 |
| | | Contact Total | 40.00 | | Contact Total | 80.00 |
| | | Non-contact DHR | 0 | | Non-contact DHR | 0 |

Total Out of Class Hours: 40.00

Total Student Learning Hours: 120.00

Title 5 Category: AA Degree Applicable

Grading: P/NP Only

Repeatability: 27 - Exempt From Repeat Provisions

Also Listed As:

Formerly:

Catalog Description:

Hands-on training with heavy rescue equipment and facilitate major rescue operations.

Prerequisites/Corequisites:

Fire 208.1 or equivalent.

Recommended Preparation:

Eligibility for ENGL 100 or ESL 100.

Limits on Enrollment:

Schedule of Classes Information:

Description: Hands-on training with heavy equipment & facilitate major rescue operations.
(P/NP Only)

Prerequisites/Corequisites: Fire 208.1 or equivalent.

Recommended: Eligibility for ENGL 100 or ESL 100.

Limits on Enrollment:

Transfer Credit:

Repeatability: Exempt From Repeat Provisions

ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

| | | | |
|----------------------|----------------------|-------------------|------------------|
| AS Degree: | Area | Effective: | Inactive: |
| CSU GE: | Transfer Area | Effective: | Inactive: |
| IGETC: | Transfer Area | Effective: | Inactive: |
| CSU Transfer: | | Effective: | Inactive: |
| UC Transfer: | | Effective: | Inactive: |

CID:

Certificate/Major Applicable:

Not Certificate/Major Applicable

COURSE CONTENT

Outcomes and Objectives:

The students will:

1. Identify what circumstances require Heavy Rescue (i.e. vehicle accidents, down aircraft).
2. Identify components of Heavy Rescue.
3. Identify technical components of Heavy Rescue (ICS, Command Strategy).
4. Prepare students in the utilization of rescue equipment.

Topics and Scope:

1. Rope Work
 - a. Rescue knots and slings
 - b. Safety lines
 - c. Mechanical advantages
 - d. Tether lines
 - e. Piggy backs
 - f. Raising and lowering lines
 - g. Rapelling
2. Ladders
 - a. Ladder gin
 - b. Ladder A-frame
 - c. Ladder rescue systems
 - d. Spars
3. Heavy Objects
 - a. Lifting
 - b. Moving
 - c. Stabilization
4. Tools
 - a. Stretcher latching and rigging
 - b. Emergency building shore
 - c. Building collapse
 - d. Lashing

5. Types of Rescue Equipment
- a. Software
 - b. Hardware
 - c. Rope
 - d. Webbing

Assignment:

The student will:

1. Analyze and identify those circumstances that require heavy rescue.
2. Identify Tactics & Strategy, and ICS components for heavy rescue operations.

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.

None, This is a degree applicable course but assessment tools based on writing are not included because problem solving assessments and skill demonstrations are more appropriate for this course.

Writing
0 - 0%

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

Field work, Quizzes

Problem solving
20 - 30%

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

Class performances, Field work, Performance exams

Skill Demonstrations
70 - 80%

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

Multiple choice

Exams
10 - 20%

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

None

Other Category
0 - 0%

Representative Textbooks and Materials:

REMA HEAVY RESCUE MANUAL.
RESCUE SYSTEMS 1 - Student Manual by CFSTES.
HEAVY RESCUE - Student Manual by FEMA.

