Course Outline

COURSE: JFT 210       DIVISION: 50       ALSO LISTED AS:

TERM EFFECTIVE: Spring 2013

SHORT TITLE: TRENCH RESCUE

LONG TITLE: Trench Rescue

<table>
<thead>
<tr>
<th>Units</th>
<th>Number of Weeks</th>
<th>Type</th>
<th>Contact Hours/Week</th>
<th>Total Contact Hours</th>
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<tr>
<td>.5</td>
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<td>Lecture:</td>
<td>4</td>
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<tr>
<td></td>
<td></td>
<td>Lab:</td>
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<tr>
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<td></td>
<td>Other:</td>
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<td></td>
<td></td>
<td>Total:</td>
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COURSE DESCRIPTION:

This 16 hours course is designed to train fire service personnel in hands-on application of the techniques necessary to safely effect a rescue from an excavation or trenching cave-in. Topics include critical considerations while responding to trenching emergencies, evaluation of cave-in scenes, basic life support procedures and temporary protection for victims, specialized tool usage, shoring techniques, and below grade rescue safety procedures. This is a pass/no pass course. ADVISORY: Eligible for English 250 and English 420.

PREREQUISITES:

CREDIT STATUS: C - Credit - Degree Non Applicable

GRADING MODES

P - Pass/No Pass

REPEATABILITY: N - Course may not be repeated

SCHEDULE TYPES:

02 - Lecture and/or discussion
03 - Lecture/Laboratory
04 - Laboratory/Studio/Activity

STUDENT LEARNING OUTCOMES:

1. Identify the types of incidents.
2. Describe the types of tools needed for rescue.
3. Demonstrate different kinds of shoring techniques, i.e. timber, hydraulic, mechanical, improvised.
4. Perform a simulated rescue of a trapped victim.

CONTENT, STUDENT PERFORMANCE OBJECTIVES, OUT-OF-CLASS ASSIGNMENTS

Inactive Course: 09/24/2012
16 Hours

I. Overview CAL/OSHA
II. Criminal Penalties/Case Studies
III. On Site Practice
IV. Designing Adequate Protection:
   - Soil Structure
   - Weather protection
   - Superimposed loads
   - Vibrations
V. Installing Protection/Shoring/Temporary Shoring
VI. Slit Trenches
VII. "T" Trenches
VIII. Shoring
   - Timber
   - Hydraulic
   - Mechanical
   - Mechanical
   - Improvised

Lecture, discussion and demonstrations/role playing will serve as the medium of instruction.

REPRESENTATIVE TEXTBOOKS:
Required: \textit{Excavation & Trenching Cave-In Rescue Procedures}\textit{'}s
Reading Level determined to be: 12th + grade level

ARTICULATION and CERTIFICATE INFORMATION

Associate Degree:
CSU GE:
IGETC:
CSU TRANSFER:
   Not Transferable
UC TRANSFER:
   Not Transferable

SUPPLEMENTAL DATA:

Basic Skills: N
Classification: I
Noncredit Category: Y
Cooperative Education:

10/4/2012
Program Status: 1 Program Applicable
Special Class Status: N
CAN:
CAN Sequence:
CSU Crosswalk Course Department:
CSU Crosswalk Course Number:
Prior to College Level: Y
Non Credit Enhanced Funding: N
Funding Agency Code: Y
In-Service: Y
Occupational Course: C
Maximum Hours:
Minimum Hours:
Course Control Number: CCC000108625
Sports/Physical Education Course: N
Taxonomy of Program: 213300