

**Course Outline**

**COURSE:** JFT 210                      **DIVISION:** 50                      **ALSO LISTED AS:**

**TERM EFFECTIVE:** Spring 2013                      **Inactive Course**

**SHORT TITLE:** TRENCH RESCUE

**LONG TITLE:** Trench Rescue

<u>Units</u>	<u>Number of Weeks</u>	<u>Type</u>	<u>Contact Hours/Week</u>	<u>Total Contact Hours</u>
.5	1	Lecture:	4	4
		Lab:	12	12
		Other:	0	0
		Total:	16	16

**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:**

**COREQUISITES:**

**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: ^uExcavation & Trenching Cave-In Rescue Procedures^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:

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