

Lassen Community College Course Outline

FS 59 Confined Space Awareness

0.5 Unit

I. Catalog Description

This course provides the skills and knowledge needed for the awareness- level confined space rescue technician to support an operations- or technician-level incident including sizing up an incident, identifying and isolating hazards, initiating a search in areas immediately adjacent to a confined space, communicating with victims, and performing nonentry rescue. This course does not qualify participants to make permit-required entries.

A supplemental \$81.00 fee will be charged including a \$5.00 materials fee for student manual flash drive and a \$76.00 State Fire Training FSTEP certification fee is due to Lassen Community College and will be collected at the time of registration.

Recommended Preparation: Successful completion of ENGL 105 or equivalent multiple measures placement. FEMA IS-100,200,700 and 800

Transfer Status: NT

8.5 hours lecture, 17 hours Outside Work: 25.5 Total Student Learning Hours

Scheduled: Fall, Spring

II. Coding Information

Repeatability: none

Grading Option: Graded

Credit Type:

TOP Code: 213300

III. Course Objectives

A. Course Student Learning Outcomes

Upon completion of this course the student will be able to:

1. Describe resource capabilities and limitations
2. Describe hazard recognition
3. Describe isolation methods and terminology
4. Describe methods for controlling access to the scene

B. Course Objectives

Upon completion of this course the student will be able to:

1. Recognize regulations governing operations in confined spaces
2. Identify the definitions of permit and non-permit confined spaces
3. Identify differences between confined spaces and permit confined spaces
4. Identify operations that make confined spaces dangerous

IV. Course Content

A. Introduction to CAL-OSHA Code, Confined Space Identification & Dangers
Become familiar with how to read different codes

B. Physical and Engulfment Hazards

Look at different hazards where a firefighter could become submerged

C. Ventilation Equipment and Techniques

Understand the difference between horizontal ventilation and vertical ventilation

D. Confined Space Operational Positions and Responsibilities

Understand the different roles in confined space rescue

V. Assignments

A. Appropriate Readings

Title 8, California Code of Regulations, (CCR), General Industry Safety Orders, (GISO), February 1994, Sections 5156, 5157, 5158

Worker Deaths in Confined Spaces, NIOSH, January 1994

B. Writing Assignments

Practice filling out a Firescope form to document practices and events that should not happen on a fire

C. Expected Outside Assignments

Properly Don Personal Protective Equipment

D. Specific Assignments that Demonstrate Critical Thinking

Examine, critique and review critical different types of confined spaces

VI. Methods of Evaluation

Traditional Evaluation

Final exam

VII. Methods of Delivery

Check those delivery methods for which, this course has been separately approved by the Curriculum/Academic Standards Committee.

Traditional Classroom Delivery Correspondence Delivery

Hybrid Delivery

Online Delivery

Traditional Classroom Delivery

Lecture, discussion, audio/visual aids, demonstration, group exercises, guest speakers, lab, individualized programs and other as needed.

VIII. Representative Texts and Supplies

Confined Space Entry and Rescue Manual (CMC Rescue, Inc., revised 2 nd edition, ISBN:978-0-96183-374-9)

• Manufacturer videos, manuals, and directions for equipment use

IX. Discipline/s Assignment

Fire Technology

X. Course Status

Current Status: Active

Original Approval Date: 12/06/2016

Board Approval Date: 12/13/2016

Chancellor's Office Approval Date: 03/08/2017

Revised By: Dan Weaver

