

Lassen Community College Course Outline

FS 72IC HazMat Incident Commander

1.0 Unit

I. Catalog Description

This course provides the tools a person needs to assume control of an emergency response to a hazardous materials incident. It focuses on assessment; legal requirements and protective actions needed to safely and competently manage a hazardous materials incident. Instructional methods include class activities, case studies and tabletop exercise with emphasis on hands-on decision-making. This class meets OSHA and NFPA recommendations for training at the Incident Commander level. May be taken as necessary to maintain certification. Additional Fees apply. A \$5.00 fee for student CSTI certificate will be collected at the time of registration.

Recommended Preparation: Successful completion of ENGL105 or equivalent multiple measures placement.

Prerequisite: FS-72 Hazardous Materials First Responder Operations, and FEMA ICS-100, Introduction to the Incident Command System, or equivalent.

Does not Transfer to CSU/UC

17 Hours Lecutre, 34 Expected Outside Class Hours, 51 Total Student Learning Hours
Scheduled: As Needed by Agencies

II. Coding Information

Repeatability: As Required for Certification

Open Entry/Open Exit: N/A

Grading Option: Graded

Credit Type: Credit - Degree Applicable

TOP Code: 2133.00

III. Course Objectives

A. Course Student Learning Outcomes

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

1. Explain the role of the Incident Commander /IC (as defined by the OSHA HAZWOPER regulation) during a Hazmat Incident.
2. Demonstrate the ability to collect and interpret hazard and response information
3. Demonstrate the ability to develop an incident action plan and site safety plan.
4. Describe the steps to terminate an incident

B. Course Objectives

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

1. Explain the role of the Incident Commander /IC (as defined by the OSHA HAZWOPER regulation) during a Hazmat Incident
2. Demonstrate the ability to collect and interpret hazard and response Information.
3. Demonstrate the ability to develop an incident action plan and site safety plan.

4. Describe the steps to terminate an incident.

IV. Course Content

- A. Course Overview
- B. Incident Command System, Team Typing & Response Resources
- C. Hazmat Laws, Regulations & Plans
- D. Assessing Hazards
- E. Response Options
- F. Intermodal Container
- G. Hazmat Site Safety
- H. Operational Risk Management
- I. Industrial Accident
- J. Protective Actions
- K. Rail Accident
- L. Incident Termination
- M. Incident Debrief

V. Assignments

- A. Appropriate Readings**
Assigned handout material.
- B. Writing Assignments**
Written quizzes, exams, and scenario exercises.
- C. Expected Outside Assignments**
Assigned readings and exam preparation.
- D. Specific Assignments that Demonstrate Critical Thinking**
Analysis of field exercise scenario as an emergency response team leader.

VI. Methods of Evaluation

Mixed format exams, and skills assessment

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

VIII. Representative Texts and Supplies

“Hazardous Materials Incident Commander Participant Manual”, CSTI, Current Edition
Materials provided by instructor

IX. Discipline/s Assignment

Fire Technology

X. Course Status

Current Status: Active
Original Approval Date: 03/07/2023
Board Approval: 04/11/2023

Revised By: Dan Weaver
Curriculum/Academic Standards Committee Revision Date: