

Course Outline

COURSE: JFT 21 **DIVISION:** 50 **ALSO LISTED AS:**

TERM EFFECTIVE: Fall 2011 **Inactive Course**

SHORT TITLE: HAZ MAT COMMANDER

LONG TITLE: Hazardous Materials Incident Commander Training

<u>Units</u>	<u>Number of Weeks</u>	<u>Type</u>	<u>Contact Hours/Week</u>	<u>Total Contact Hours</u>
.5	1	Lecture:	24	24
		Lab:	0	0
		Other:	0	0
		Total:	24	24

COURSE DESCRIPTION:

This course is designed to provide the Incident Commander with the skills and competency necessary to mitigate an emergency incident, initiate action, and ensure the restoration of normal services with a comprehensive resource management approach. **ADVISORY:** Eligible for English 250 and English 420.

PREREQUISITES:

COREQUISITES:

CREDIT STATUS: D - Credit - Degree Applicable

GRADING MODES

L - Standard Letter Grade

REPEATABILITY: N - Course may not be repeated

SCHEDULE TYPES:

02 - Lecture and/or discussion

STUDENT LEARNING OUTCOMES:

1. Given a simulated hazardous materials event:
 Understand Haz Mat clues, warning signs, placards, labels, shipping papers and material data sheets and explain the need for a positive safety attitude and describe a mental safe approach tactic upon recognition of the Haz Mat event.
2. Explain identification and hazard assessment techniques to

aid the Incident Commander in action planning for a Haz Mat event.

3. Identify need for documentation at Haz Mat events, and demonstrate ability to properly complete a CHMIR report.
4. Recognize problems inherent in a medical Haz Mat event.

Upon completion of the course, the student will be able to:
Students will be able to achieve all of the objectives through completion of a state certified exam meeting listed performance standards with 80% accuracy.

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

Inactive Course: 09/26/2011

1 WK 24 HRS This course will provide students with an increased capability to assume the role of an Incident Commander; as well as to the command and general staff Incident Command System positions during Haz Mat events, with emphasis on personnel safety and management.

- I. Welcome and course overview
- II. Introduction to Hazardous Materials and the Incident Commander
- III. Haz Mat Recognition and Safety at the IC level
- IV. Safety, Isolation and Notifications at the IC Level
- V. Command and Scene Management: C
- VI. IDHA and Action Plans Related to the IC
- VII. Protective Equipment Related to the IC
- VIII. Containment and Control Methods Related to the IC
- IX. Protective Action Options Related to the IC
- X. Decontamination and Clean-up Considerations for the IC
- XI. Disposal and Funding Issues Related to the IC
- XII. Documentation and Reporting Related to the IC
- XIII. Agency Coordination at the IC Level
- XIV. Pre-event and Event Specific Planning at the IC/SM Level
- XV. Toxicology Related to the IC
- XVI. The Safe and Competent Haz Mat Management Process
- XVII. Managing the Media at a Haz Mat Incident
- XVIII. Managing Investigations at a Haz Mat Event
- XIX. Managing a Haz Mat Event and Medical Response
- XX. Managing Actual Haz Mat Events
- XXI. Exercises, Critiques and Haz Mat IC Exercise Briefing
- XXII. The EOC and Haz Mat - An Overview
- XXIII. Managing Legal Aspects and Liabilities

- XXIV. Final Haz Mat IC Exam
- XXV. Course Review and Graduation
- XXVI. Review, Tabletop Exercises and Workshop (Optional)

Lecture, discussion and demonstration will serve as the medium of instruction. Audio-visual aids will be utilized as they facilitate meaningful instruction. Individual guidance will be provided as required.

REPRESENTATIVE TEXTBOOKS:

- Required: ^uThe Common Sense Approach to Hazardous Materials^s
- ^uMaterial Safety Data Sheets^s
- ^uDOT Emergency Response Guidebooks^s
- ^uManaging Hazardous Substances Accidents^s
- ^uHazardous Materials for Incident Commanders^s
- ^uCHEMTREC^s
- ^uVarious handouts^s

Reading Level determined to be: 12th + grade level.

ARTICULATION and CERTIFICATE INFORMATION

Associate Degree:

CSU GE:

IGETC:

CSU TRANSFER:

Transferable CSU, effective 199870

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: JFT

CSU Crosswalk Course Number: 21

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: CCC000090763

Sports/Physical Education Course: N

Taxonomy of Program: 213300