

FIRE 202B Course Outline as of Fall 2011**CATALOG INFORMATION**

Dept and Nbr: FIRE 202B Title: FIRE COMMAND 1B

Full Title: Fire Command 1B

Last Reviewed: 9/22/1997

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	2.00	Lecture Scheduled	40.00	10	Lecture Scheduled	400.00
Minimum	2.00	Lab Scheduled	0	1	Lab Scheduled	0
		Contact DHR	0		Contact DHR	0
		Contact Total	40.00		Contact Total	400.00
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 800.00

Total Student Learning Hours: 1200.00

Title 5 Category: AA Degree Applicable

Grading: P/NP Only

Repeatability: 00 - Two Repeats if Grade was D, F, NC, or NP

Also Listed As:

Formerly:

Catalog Description:

Designed to apply the principles contained in FIRE 202A to the problems associated with hazardous materials incidents and other specialized situations.

Prerequisites/Corequisites:

Fire 202A.

Recommended Preparation:**Limits on Enrollment:****Schedule of Classes Information:**

Description: Designed to apply the principles contained in Fire Command 1A to the problems associated with hazardous materials incidents & other specialized situations. (P/NP Only)

Prerequisites/Corequisites: Fire 202A.

Recommended:

Limits on Enrollment:

Transfer Credit:

Repeatability: Two Repeats if Grade was D, F, NC, or NP

ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

AS Degree:	Area	Effective:	Inactive:
CSU GE:	Transfer Area	Effective:	Inactive:
IGETC:	Transfer Area	Effective:	Inactive:
CSU Transfer:		Effective:	Inactive:
UC Transfer:		Effective:	Inactive:

CID:

Certificate/Major Applicable:

Certificate Applicable Course

COURSE CONTENT

Outcomes and Objectives:

COURSE GOALS:

1. To enable the student to understand how to direct a fire company in a hazardous material emergency.
2. To acquaint the student with the resources available and how to employ them.
3. To provide the student an opportunity to apply this knowledge in a safe environment through simulations.

COURSE OBJECTIVES:

1. To enable the student to develop a prefire plan for a hazardous materials handling area.
2. Locate various materials in the DOT GUIDE and list the behaviors for each material.
3. Identify and list the resource requirements for various simulated hazardous materials emergencies.
4. Analyze various simulated hazardous materials situations
 - a. establish immediate concerns and primary objectives
 - b. apply either simple or complex decision model to determine the strategy, tactics, and methods for control.
5. Apply the management and operational principles required to bring the emergency under control.

Topics and Scope:

1. Preplanning for Chemical Emergencies
 - a. Essential safety priorities
 - b. Evacuation
2. Identification and Behavior of Hazardous Materials
 - a. DOT GUIDE and types of incidents
 - b. Case histories
3. Resource Requirements
 - a. Control and safety equipment

- b. Allied agencies
- 4. Fire and Emergency Control Tactics
 - a. Tactics, strategy, and methods
 - b. Spills, leaks, and fires
 - c. Decision models
- 5. Emergency simulations
 - a. Skull sessions
 - b. Simulation exercises

Assignment:

The student will:

1. Analyze and identify preplanning for chemical emergencies, identification and behavior of hazardous materials.

Methods of Evaluation/Basis of Grade:

Writing: Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

None

Writing
0 - 0%

Problem Solving: Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

Quizzes, Exams

Problem solving
0 - 10%

Skill Demonstrations: All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

Performance exams

Skill Demonstrations
0 - 10%

Exams: All forms of formal testing, other than skill performance exams.

Multiple choice

Exams
0 - 70%

Other: Includes any assessment tools that do not logically fit into the above categories.

None

Other Category
0 - 0%

Representative Textbooks and Materials:

FIRE COMMAND IB by California Fire Service Training and Education System - SFMO.