

**FIRE 204B Course Outline as of Spring 2011****CATALOG INFORMATION**

Dept and Nbr: FIRE 204B Title: FIRE COMMAND 1B

Full Title: Fire Command 1B

Last Reviewed: 11/1/2010

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	1.50	Lecture Scheduled	1.25	17.5	Lecture Scheduled	21.88
Minimum	1.50	Lab Scheduled	1.00	1	Lab Scheduled	17.50
		Contact DHR	0		Contact DHR	0
		Contact Total	2.25		Contact Total	39.38
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 43.75

Total Student Learning Hours: 83.13

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:**

This course is designed to apply the principles contained in Fire Command 1A to the problems associated with multi-casualty, hazardous materials, and wildland fire incidents. Upon successful completion, the student will be awarded a Fire Command 1B certificate from the State Fire Marshal's office.

**Prerequisites/Corequisites:**

Course Completion of FIRE 202A OR FIRE 204A or equivalent

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

Description: This course is designed to apply the principles contained in Fire Command 1A to the problems associated with multi-casualty, hazardous materials, and wildland fire incidents. Upon successful completion, the student will be awarded a Fire Command 1B certificate from the State Fire Marshal's office. (P/NP Only)

Prerequisites/Corequisites: Course Completion of FIRE 202A OR FIRE 204A or equivalent

Recommended:  
Limits on Enrollment:  
Transfer Credit:  
Repeatability: Two Repeats if Grade was D, F, NC, or NP

## **ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:**

<b>AS Degree:</b>	<b>Area</b>	<b>Effective:</b>	<b>Inactive:</b>
<b>CSU GE:</b>	<b>Transfer Area</b>	<b>Effective:</b>	<b>Inactive:</b>
<b>IGETC:</b>	<b>Transfer Area</b>	<b>Effective:</b>	<b>Inactive:</b>
<b>CSU Transfer:</b>		<b>Effective:</b>	<b>Inactive:</b>
<b>UC Transfer:</b>		<b>Effective:</b>	<b>Inactive:</b>

**CID:**

**Certificate/Major Applicable:**

Certificate Applicable Course

## **COURSE CONTENT**

**Outcomes and Objectives:**

The student will:

1. Identify the components of the ICS.
2. Demonstrate the ability to manage a fire ground incident.
3. List the steps used in the Simple Triage and Rapid Treatment (START) system.
4. Describe the organization structure of an MCI plan.
5. Identify various materials in the Department of Transportation (DOT) Guide and list the behaviors for each.
6. List the steps used to mitigate a hazardous materials incident using the ICS.
7. List the factors affecting wildland fire behavior.
8. Describe the direct and indirect attack strategies used on wildland fires.
9. Describe the steps used in the structural triage process.
10. Demonstrate actions to facilitate various simulated multi-casualty, hazardous materials and wildfire situations.
11. Establish immediate concerns and primary objectives.
12. Apply either simple or complex decision models to determine the strategy, tactics, and methods of control.
13. Identify the management and operational principles required to bring these emergencies under control.

**Topics and Scope:**

1. Review of the Incident Command System
  - a. Fire Command 1A course review
  - b. Concepts of the ICS organization
2. Multi-Casualty Incidents (MCI)
  - a. Components of triage and START
  - b. ICS and the Emergency Medical System (EMS)

3. Hazardous Materials Incidents
  - a. Properties of hazardous materials
  - b. Toxicology
  - c. Site control and work zones
  - d. Evacuation considerations
  - e. The decision making process
  - f. ICS and the hazardous materials incident
  - g. Various materials in the Department of Transportation (DOT) Guide
4. Wildland Fire Incidents
  - a. Factors affecting wildland fires
  - b. Defensive and offensive strategies in wildland firefighting
  - c. Use of direct and indirect attack methods on wildland fires
  - d. Structure protection and triage in wildland fires
  - e. Wildland fire safety
5. Emergency Simulations
  - a. Skull sessions
  - b. Simulation exercises

### Assignment:

1. Command and decision based scenarios
2. Manual worksheets (5-10)
3. State exam

### 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, This is a degree applicable course but assessment tools based on writing are not included because problem solving assessments are more appropriate for this course.

Writing  
0 - 0%

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

Scenarios

Problem solving  
5 - 10%

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

Command and decision based scenarios

Skill Demonstrations  
5 - 10%

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

State exam

Exams  
80 - 90%

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

None

Other Category  
0 - 0%

**Representative Textbooks and Materials:**

- CFSTES Manual Fire Command 1B by California Fire Service Training and Education System
- SFMO, 1998 (classic)