

Las Positas College  
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## Course Outline for FST 71B

### FIRE COMMAND IB

Effective: Spring 2019

#### I. CATALOG DESCRIPTION:

FST 71B — FIRE COMMAND IB — 2.00 units

Provides fire company officers with information and experience in command and control techniques. Emphasis on decision making and appropriate use of resources for the first arriving company officer at hazardous material incidents. Satisfies part of the requirements for the State Fire Officer I Certification.

2.00 Units Lecture

#### Grading Methods:

Letter Grade

#### Discipline:

- Fire Technology

	<b>MIN</b>
<b>Lecture Hours:</b>	36.00
<b>Total Hours:</b>	36.00

#### II. NUMBER OF TIMES COURSE MAY BE TAKEN FOR CREDIT: 1

#### III. PREREQUISITE AND/OR ADVISORY SKILLS:

#### IV. MEASURABLE OBJECTIVES:

**Upon completion of this course, the student should be able to:**

- Pre-plan for hazardous materials incidents;
- Participate in evacuation planning;
- Coordinate various resources.

#### V. CONTENT:

- Introduction and orientation
  - pre-planning for chemical emergencies
  - legislation and liability
  - coordinating resources
- The D.O.T. Emergency Response Book
  - properties of hazardous materials
  - evacuation planning
  - decision-making process for hazardous materials
- Selecting objectives
  - command post and staging areas
  - identification of container profiles
  - diking, sealing, and containment techniques
  - checklist for hazardous materials
- Simulation of hazardous materials incidents
  - surface transportation
  - rail transportation
  - air transportation
  - fixed location incidents

#### VI. METHODS OF INSTRUCTION:

- Emergency scene simulation
- Audio-visual aids
- Discussion -**
- Lecture -**

#### VII. TYPICAL ASSIGNMENTS:

#### VIII. EVALUATION:

##### **Methods/Frequency**

- Exams/Tests
- Quizzes

- C. Projects
- D. Other

IX. TYPICAL TEXTS:

1. Fire Command Workbook, State Fire Marshal's Office

X. OTHER MATERIALS REQUIRED OF STUDENTS: