

FIRE 201B Course Outline as of Spring 2012**CATALOG INFORMATION**

Dept and Nbr: FIRE 201B Title: FIRE PREVENTION 1B
 Full Title: Fire Prevention 1B
 Last Reviewed: 8/1/1981

Units	Course Hours per Week		Nbr of Weeks	Course Hours Total		
Maximum	2.00	Lecture Scheduled	40.00	12	Lecture Scheduled	480.00
Minimum	2.00	Lab Scheduled	0	1	Lab Scheduled	0
		Contact DHR	0		Contact DHR	0
		Contact Total	40.00		Contact Total	480.00
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 960.00

Total Student Learning Hours: 1440.00

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:

Review of water systems, fixed extinguishing systems, means of egress, life safety, heating and cooking equipment, and basic electricity.

Prerequisites/Corequisites:

Fire 201A.

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

Description: Review of water systems, fixed extinguishing systems, means of egress, life safety, heating & cooking equipment, & basic electricity. (P/NP Only)

Prerequisites/Corequisites: Fire 201A.

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 provide the student with a fundamental understanding of water supply systems for firefighting.
2. To enable students to enforce the proper codes to eliminate electrical hazards.

Topics and Scope:

1. Water Systems
 - a. Private systems
 - b. Standpip and hose systems
 - c. Sprinkler systems
2. Fixed Extinguishing Systems
 - a. Operational readiness
 - b. Heat, smoke, and flame detection devices
 - c. Local fire alarm systems
 - d. Municipal fire alarm systems
3. Egress Requirements
 - a. Determination of adequate egress
 - b. Exit requirements
 - c. Enclosed stairwells and smokeproof towers
 - e. Fire drills and emergency evacuation
4. Life Safety
 - a. Relationship of fire protection and building construction and occupancy
 - b. Effect of construction methods and materials on fire spread
 - c. General UBC/UFC requirements
 - d. Requirements for decorative materials
 - e. Rated buildings
 - f. Fire doors, windows, and shutters
 - g. Stages, platforms, movie projection rooms

- h. Types and classes of roof coverings
- 5. Heating and Cooking Equipment
 - a. Installation and use
 - b. Hazards and safeguards
 - c. Inspection
- 6. Electrical Equipment
 - a. Wiring, service boxes, circuits, and accessories
 - b. UBC, UFC, electrical codes
 - c. Inspection

Assignment:

The student will:

1. Identify, analyze (private; standpipe & hose systems; sprinkler) water systems.
2. Identify and describe the various egress requirements for several building types.
3. Prepare inspection requirements for heating & cooking equipment; and electrical equipment (UBC, UFC, and Electrical codes).

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

Quizzes, Exams	Problem solving 0 - 10%
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Skill Demonstrations: All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

Performance exams	Skill Demonstrations 0 - 10%
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Exams: All forms of formal testing, other than skill performance exams.

Multiple choice	Exams 0 - 70%
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Other: Includes any assessment tools that do not logically fit into the above categories.

None	Other Category 0 - 0%
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Representative Textbooks and Materials:

