FIRE 201A Course Outline as of Summer 2008

CATALOG INFORMATION

Dept and Nbr: FIRE 201A Title: FIRE PREVENTION 1A
Full Title: Fire Prevention 1A
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 the duties and responsibilities of fire prevention personnel; the storage, handling, and fire control requirements of flammable and combustible liquids, compressed gases, explosives and fireworks, various other hazardous materials and requirements for portable fire extinguishers.

Prerequisites/Corequisites:

Recommended Preparation:
Eligibility for ENGL 100 or ESL 100 and completion of Fire 73 (formerly Fire 52) or equivalent.

Limits on Enrollment:

Schedule of Classes Information:
Description: Review of duties & responsibilities of fire prevention personnel. (P/NP Only)
Prerequisites/Corequisites:
Recommended: Eligibility for ENGL 100 or ESL 100 and completion of Fire 73 (formerly Fire 52) or equivalent.

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:
The students will:
1. Identify responsibility and authority for fire prevention inspections and related activities.
2. Identify the physical properties of flammable and combustible solids, liquids, and gases relative to basic fire prevention inspection practices.
3. Provide basic information on specific fire hazards of flammable and combustible solids, liquids, and gases.
4. Provide information relative to fire prevention concerning radioactive, explosive, and unstable materials.
5. Provide and opportunity to identify hazardous materials typically found during basic fire inspections, by using the Department of Transportation labels and placarding systems.
6. Identify principles of operation and inspection practices for fixed fire protection systems (other than sprinkler systems).
7. Identify principles of placement, operation, and inspection of portable fire extinguishers.
8. Review the basic principles determining fire cause and origin and their relationship to fire prevention, control, and inspection practices.

Topics and Scope:

1. Responsibilities of Fire Prevention Personnel
   a. Inspectors and reports
   b. Public education
2. Fire Cause Determination
   a. Heat sources

b. Reactive materials
3. Basic Classes of Hazardous Materials
   a. United Nations systems
   b. DOT system
4. Identification and Control of Fire Hazards in Hazardous Materials Areas
   a. Code enforcement
   b. Inspections
5. Regulatory Labeling and Placarding System
   a. DOT manual
6. Code Enforcement for Portable Fire Extinguishers and Fixed Systems
   a. Types
   b. Applicable codes

A MORE DETAILED OUTLINE AVAILABLE IN THE DEPARTMENT.

Assignment:

The student will:
1. Identify the responsibilities of fire prevention personnel in hazardous materials areas.
2. Analyze fire causes in hazardous materials and list ways to eliminate them.
3. Identify and list the code requirements for portable and fixed fire extinguishers and systems.

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.

Quizzes, Exams	Problem solving 20 - 20%

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

Performance exams	Skill Demonstrations 10 - 10%

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

Multiple choice	Exams 70 - 70%

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

None	Other Category 0 - 0%

Representative Textbooks and Materials:
STATE MANUAL by CFSTES.