

**Course Outline**

**COURSE:** JFT 110                      **DIVISION:** 50                      **ALSO LISTED AS:**

**TERM EFFECTIVE:** Fall 2017                      **Curriculum Approval Date:** 11/28/2016

**SHORT TITLE:** FIRE PREVENTION

**LONG TITLE:** Fire Prevention

<u>Units</u>	<u>Number of Weeks</u>	<u>Type</u>	<u>Contact Hours/Week</u>	<u>Total Contact Hours</u>
3	18	Lecture:	3	54
		Lab:	0	0
		Other:	0	0
		Total:	3	54

**COURSE DESCRIPTION:**

This course provides fundamental knowledge relating to the field of fire prevention. Topics include: history and philosophy of fire prevention; organization and operation of a fire prevention bureau; use and application of codes and standards; plans review; fire inspections; fire and life safety education; and fire investigation.

**PREREQUISITES:**

**COREQUISITES:**

**CREDIT STATUS:** D - Credit - Degree Applicable

**GRADING MODES**

L - Standard Letter Grade

**REPEATABILITY:** N - Course may not be repeated

**SCHEDULE TYPES:**

02 - Lecture and/or discussion

**STUDENT LEARNING OUTCOMES:**

By the end of this course, a student should:

1. Define the national fire problem and role of fire prevention.

Measure of assessment: Written Exam, Discussion

Year assessed, or planned year of assessment: 2017

Semester: Fall

2. Describe Federal, State and local laws, rules, regulations, and codes and identify those relevant to fire prevention of the authority having jurisdiction.

Measure of assessment: Written Exam

Year assessed, or planned year of assessment: 2017

Semester: Fall

3. Identify and describe the standards for professional qualifications for Fire Marshal, Plans Examiner, Fire Inspector, Fire and Life Safety Educator, and Fire Investigator.

Measure of assessment: Written Exam, Discussion

Year assessed, or planned year of assessment: 2017

Semester: Fall

## **CONTENT, STUDENT PERFORMANCE OBJECTIVES, OUT-OF-CLASS ASSIGNMENTS**

Curriculum Approval Date: 11/28/2016

I. National Fire Problem and Role of Fire Prevention

A. Definition

B. Historical Overview

C. Data Analysis/GIS

D. Current Trends of Fire Prevention

II. Fire Prevention Organizations and Associations

A. Public--Federal, State and Local

B. Private--International, National and Regional

III. Laws, Rules, Regulations and Codes

A. Definitions

B. Applicability

C. Interrelationship

D. Limitations

IV. Fire Prevention Bureau Functions

A. Data Collection and Analysis

B. Plans Review

C. Fire Inspections

D. Fire and Life Safety Education

E. Fire Investigations

V. Tools and Equipment

A. Data Collection and Analysis

B. Plans Review

C. Fire Inspections

D. Fire and Life Safety Education

E. Fire Investigations

VI. Roles and Responsibilities of Fire Prevention Personnel

A. Data Collection and Analysis

B. Code Development and Interpretation

C. Training and Education

D. Enforcement

E. Management

VII. Professional Certification

A. Categories and Levels

B. Local

C. State

- D. National
- VIII. Professional Development
- A. National Fire Prevention Development Model
- B. Training and Education
- C. Certification Systems

**METHODS OF INSTRUCTION:**

Lecture Discussion Audio/Visual Aid

**METHODS OF EVALUATION:**

Writing assignments

Percent of total grade: 30.00 %

Written Homework Assignments

Objective examinations

Percent of total grade: 70.00 %

Quizzes, Exam

**OUT OF CLASS ASSIGNMENTS:**

Required Outside Hours:

Assignment Description: Read class text

Required Outside Hours:

Assignment Description: Written assignment regarding the role of fire prevention.

**REPRESENTATIVE TEXTBOOKS:**

Required Representative Textbooks

David Diamantes. Principles of Fire Prevention. Jones and Bartlett, 2014.

ISBN: 9781284041866

Reading Level of Text, Grade: 12 Verified by: Doug Achterman

**ARTICULATION and CERTIFICATE INFORMATION**

Associate Degree:

CSU GE:

IGETC:

CSU TRANSFER:

Transferable CSU, effective 201770

UC TRANSFER:

Not Transferable

**SUPPLEMENTAL DATA:**

Basic Skills: N

Classification: Y

Noncredit Category: Y

Cooperative Education:

Program Status: 1 Program Applicable

Special Class Status: N

CAN:

CAN Sequence:

CSU Crosswalk Course Department: JFT  
CSU Crosswalk Course Number: 110  
Prior to College Level: Y  
Non Credit Enhanced Funding: N  
Funding Agency Code: Y  
In-Service: N  
Occupational Course: C  
Maximum Hours: 3  
Minimum Hours: 3  
Course Control Number:  
Sports/Physical Education Course: N  
Taxonomy of Program: 213300