

Course Outline

COURSE: JFT 101 **DIVISION:** 50 **ALSO LISTED AS:**

TERM EFFECTIVE: Spring 2022 **CURRICULUM APPROVAL DATE:** 06/8/2021

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: R - Course may be repeated

Maximum of

SCHEDULE TYPES:

02 - Lecture and/or discussion

05 - Hybrid

71 - Dist. Ed Internet Simultaneous

72 - Dist. Ed Internet Delayed

STUDENT LEARNING OUTCOMES:

By the end of this course, a student should:

1. Define the national fire problem and role of fire prevention.
2. Identify and describe the standards for professional qualifications for Fire Marshal, Plans Examiner, Fire Inspector, Fire and Life Safety Educator, and Fire Investigator.

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

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- I. National Fire Problem and Role of Fire Prevention - 4 hours
 - A. Definition
 - B. Historical Overview
 - C. Data Analysis/GIS
 - D. Current Trends of Fire Prevention
- II. Fire Prevention Organizations and Associations - 4 hours
 - A. Public--Federal, State and Local
 - B. Private--International, National and Regional
- III. Laws, Rules, Regulations and Codes - 4 hours
 - A. Definitions
 - B. Applicability
 - C. Interrelationship
 - D. Limitations
- IV. Fire Prevention Bureau Functions - 10 hours
 - A. Data Collection and Analysis
 - B. Plans Review
 - C. Fire Inspections
 - D. Fire and Life Safety Education
 - E. Fire Investigations
- V. Tools and Equipment -12 hours
 - 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 - 8 hours
 - A. Data Collection and Analysis
 - B. Code Development and Interpretation
 - C. Training and Education
 - D. Enforcement
 - E. Management
- VII. Professional Certification -4 hours
 - A. Categories and Levels
 - B. Local
 - C. State
 - D. National
- VIII. Professional Development - 8 hours
 - A. National Fire Prevention Development Model
 - B. Training and Education
 - C. Certification Systems

METHODS OF INSTRUCTION:

Lecture and written reports, utilizing web conferencing tools and the College provided LM

OUT OF CLASS ASSIGNMENTS:

Required Outside Hours: 108

Assignment Description:

Written assignment regarding the role of fire prevention.

Reading assignments

METHODS OF EVALUATION:

Objective examinations

Percent of total grade: 80.00 %

Course exam to be graded by instructor

Writing assignments

Percent of total grade: 20.00 %

Writing assignments to be graded by instructor

REPRESENTATIVE TEXTBOOKS:

David Diamantes. Principles of Fire Prevention with Lab Manual . Jones and Bartlett Learning ,2020.

ISBN: 9781284041866

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

Required Other Texts and Materials

Instructor handouts

ARTICULATION and CERTIFICATE INFORMATION

Associate Degree:

CSU GE:

IGETC:

CSU TRANSFER:

Not Transferable

UC TRANSFER:

Not Transferable

SUPPLEMENTAL DATA:

Basic Skills: N

Classification: Y

Noncredit Category: Y

Cooperative Education: N

Program Status: 1 Program Applicable

Special Class Status: N

CAN:

CAN Sequence:

CSU Crosswalk Course Department:

CSU Crosswalk Course Number:

Prior to College Level: Y

Non Credit Enhanced Funding: N

Funding Agency Code: Y

In-Service: N

Occupational Course: C

Maximum Hours:

Minimum Hours:

Course Control Number: CCC000625411

Sports/Physical Education Course: N

Taxonomy of Program: 213300