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

<table>
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<tr>
<th>Units</th>
<th>Number of Weeks</th>
<th>Type</th>
<th>Contact Hours/Week</th>
<th>Total Contact Hours</th>
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<td>Lecture:</td>
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<td>Lab:</td>
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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

12/13/2016
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
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:

12/13/2016
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