

Course Outline

COURSE: JFT 220 **DIVISION:** 50 **ALSO LISTED AS:** JFT 1B

TERM EFFECTIVE: Spring 2016 **CURRICULUM APPROVAL DATE:** 11/09/2015

SHORT TITLE: FIRE COMPANY OFFICER 2C

LONG TITLE: Fire Company Officer 2C

Units	Number of Weeks		Contact Hours/Week		Total Contact Hours
1	18	Lecture:	.96	Lecture:	17.28
		Lab:	1.37	Lab:	24.66
		Other:	0	Other:	0
		Total:	2.33	Total:	41.94

COURSE DESCRIPTION:

Course provides information on conducting inspections, identifying hazards and addressing violations, performing a fire investigation to determine preliminary cause and securing the incident scene and preserving evidence. This course was previously listed as JFT 1B. **PREREQUISITE:** Fire Command 1A - Command Principles for Company Officers, I-220 (Basic ICS). **ADVISORY:** Eligible for English 250 and English 420.

PREREQUISITES:

COREQUISITES:

CREDIT STATUS: D - Credit - Degree Applicable

GRADING MODES

P - Pass/No Pass

REPEATABILITY: N - Course may not be repeated

SCHEDULE TYPES:

02 - Lecture and/or discussion

03 - Lecture/Laboratory

04 - Laboratory/Studio/Activity

STUDENT LEARNING OUTCOMES:

1. Identify facility and classroom requirements and identify course objectives, events, requirements, assignments, activities, resources, evaluation methods, and participation requirements in the course syllabus.

Measure: Written exam

PLO:

ILO: 1, 2, 3,

GE-LO:

Year assessed or anticipated year of assessment: 2015

2. List multiple levels in the Fire Officer certification track, the courses and requirements for Level I and II certification, and be able to describe the capstone task book and testing process in written assignment.

Measure: Written Exam

PLO:

ILO: 1,2,3,

GE-LO:

Year assessed or anticipated year of assessment: 2015

3. Identify the duties of a company officer and Wildland fire officer level I.

Measure: Scenarios, written exam

PLO:

ILO: 1,2,3

GE-LO:

Year assessed or anticipated year of assessment: 2015

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

Curriculum Approval Date: 11/09/2015

I. Unit I: Introduction (Lec) (1.5 hours)

1. Orientation and Administration
 - a. Facility requirements
 - b. Identify classroom requirements
 - c. Review course syllabus
2. Fire Officer Certification Process
 - a. Identifying the different levels of certification
 - b. Required courses for Level I and Level II
 - c. Examination process
3. Definition of Duty
 - a. Duties of a Company Officer Level I
 - b. Duties of a Company Officer Level II
 - c. Duties of a Wildland Fire Officer Level I

II. Unit 2: Fire and Life Safety Inspections (Lec/Lab) (22 hours)

1. Describing Fire Inspection Procedures
 - a. The various occupancies according to the current California Fire Code
 - b. Inspection procedures
 - c. Fire detection systems
 - d. Alarm systems
 - e. Protection systems
 - f. Identifying fire hazards

- g. Markings and identifications systems for hazardous materials
- h. Applying the appropriate codes and standards
- i. Wildland-urban interface inspection procedures
- 2. Identifying Features that Prevent or Contribute to Fire Spread
 - a. Fire Behavior
 - b. Five types of building construction
 - c. Building construction features
 - d. Impact of detection systems and alarms
 - e. Codes and ordinances
 - f. Purpose of a pre-incident plan
 - g. Pre-incident survey process

III. Unit 3: Fire Investigation (Lec/Lab) (12:00)

- 1. Securing Incident Scenes
 - a. Types of Evidence
 - b. Evidence preservation
 - c. Establishing perimeters at an incident scene
- 2. Determining the Origin and Cause
 - a. Methods used by arsonists
 - b. Common causes of fire
 - c. Basic fire cause and origin determination
 - d. Fire growth and development
 - e. Documentation of preliminary fire investigative procedures
 - f. Deductive skills

IV. TESTING (3.5 hours)

METHODS OF INSTRUCTION:

Lecture, discussion and demonstrations will serve as the medium of instruction. Audio-visual aids will be utilized as they facilitate meaningful instruction. Regular assignments will be made for out-of-class study and research. Individual guidance will be provided as required.

METHODS OF EVALUATION:

CATEGORY 1 - The types of writing assignments required:

Percent range of total grade: 15 % to 20 %

Written Homework

Reading Reports

CATEGORY 2 -The problem-solving assignments required:

Percent range of total grade: 25 % to 35 %

Field Work

Quizzes

CATEGORY 3 -The types of skill demonstrations required:

Percent range of total grade: 35 % to 60 %

Class Performance/s

Performance Exams

CATEGORY 4 - The types of objective examinations used in the course:

Percent range of total grade: 25 % to 35 %

Multiple Choice

REPRESENTATIVE TEXTBOOKS:

Required:

California State Fire Training. Fire Inspections and Investigation for Company Officers Student workbook.
State Fire Training, 2015. Or other appropriate college level text.

Reading level of text, Grade: 12 Verified by: Doug Achterman

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:

Program Status: 1 Program Applicable

Special Class Status: N

CAN:

CAN Sequence:

CSU Crosswalk Course Department: JFT

CSU Crosswalk Course Number: 220

Prior to College Level: Y

Non Credit Enhanced Funding: N

Funding Agency Code: Y

In-Service: N

Occupational Course: C

Maximum Hours: 1

Minimum Hours: 1

Course Control Number: CCC000227029

Sports/Physical Education Course: N

Taxonomy of Program: 213300