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

<table>
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<tr>
<th>Units</th>
<th>Number of Weeks</th>
<th>Contact Hours/Week</th>
<th>Total Contact Hours</th>
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<td>1</td>
<td>18</td>
<td>Lecture: .96</td>
<td>Lecture: 17.28</td>
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<td></td>
<td></td>
<td>Lab: 1.37</td>
<td>Lab: 24.66</td>
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<td>Other: 0</td>
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<td>Total: 2.33</td>
<td>Total: 41.94</td>
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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:

11/9/2017
Percent range of total grade: 25 % to 35 %
Multiple Choice

REPRESENTATIVE TEXTBOOKS:
Required:
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