

### Course Outline

**COURSE:** JFT 150                      **DIVISION:** 50                      **ALSO LISTED AS:**

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

**SHORT TITLE:** Fire Safety and Survival

**LONG TITLE:** Principles of Fire and Emergency Services Safety and Survival

<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 introduces the basic principles and history related to the national firefighter life safety initiatives, focusing on the need for cultural and behavior change throughout the emergency services. This course is part of the Fire Science Certificate program.

**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

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. Explain how adopting standardized policies for responding to emergency scenes can minimize near-misses, injuries and deaths.
2. Define how the concepts of risk management affect strategic and tactical decision making.

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

Curriculum Approval Date: 06/8/2021

**I. Introduction**

- A. History of Fire Service Culture
- B. Organizational Culture
- C. Individual Role in Culture/ Behavior
- D. History of Line of Duty Deaths and Injuries Statistics
- E. Defining the Nature of the Problem

**II. The National Context, Health and Safety**

- A. NFPA, OSHA
  - B. Medical and Fitness Standards
  - C. Data Collection (NFIRS)
  - D. Research/ Investigation (NIST, NIOSH)
- III. Training, Equipment, Response**
- A. Training, Certification, Credentialing
  - B. Apparatus and Equipment
  - C. Emergency Response- Response to Emergency Scenes
  - D. Violent incidents
  - E. Emerging Technologies

**IV. Organizational Health and Safety Profile**

- A. Personal and Organizational Accountability
- B. Present Condition/ Culture
- C. Investigations- Internal
- D. Analyzing your profile
- E. Utilizing Grants to Meet Needs

**V. Risk Management**

- A. Risk Management Concepts and Practices
- B. Unsafe Acts
- C. Empowerment Definition

**VI. Prevention**

- A. Home Fire Sprinklers
- B. Code Enforcement
- C. Public Education/ Fire and Life Safety
- D. Counseling and Psychological Support

**METHODS OF INSTRUCTION:**

Lecture Discussion Audio/ Visual Aid

**OUT OF CLASS ASSIGNMENTS:**

Required Outside Hours: 54

Assignment Description: Read class text

Required Outside Hours: 54

Assignment Description: Written assignments regarding risk management in a fire emergency.

**METHODS OF EVALUATION:**

Writing assignments

Percent of total grade: 30.00 %

Written Homework Assignments

Objective examinations

Percent of total grade: 70.00 %

Quizzes, Exam

**REPRESENTATIVE TEXTBOOKS:**

Don Zimmerman. Fire Fighter Safety and Survival. NY: Delmar Cengage Learning,2019.

ISBN: 9781284036411

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

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Required Other Texts and Materials

Instructor handouts and student manual 2020

**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:

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: CCC000578290

Sports/Physical Education Course: N

Taxonomy of Program: 213300