



5055 Santa Teresa Blvd
Gilroy, CA 95023

Course Outline

COURSE: JFT 150

DIVISION: 50

ALSO LISTED AS:

TERM EFFECTIVE: Summer 2025

CURRICULUM APPROVAL DATE: 04/08/2025

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

Out of Class Hrs: 108.00

Total Learning Hrs: 162.00

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.

COURSE OBJECTIVES:

By the end of this course, a student should:

1. understand fire technology standards and the sixteen firefighter life safety initiatives.

COURSE CONTENT:

Curriculum Approval Date: 04/08/2025

I. Introduction (4 hours)

- 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 (8 hours)

- A. NFPA, OSHA
 - B. Medical and Fitness Standards
 - C. Data Collection (NFIRS)
 - D. Research/ Investigation (NIST, NIOSH)
- III. Training, Equipment, Response (14 hours)**
- 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 (12 hours)

- 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 (8 hours)

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

VI. Prevention (8 hours)

- 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

Evaluation Percent 30

Evaluation Description

Written Homework Assignments

Objective examinations

Evaluation Percent 70

Evaluation Description

Quizzes, Exam

REPRESENTATIVE TEXTBOOKS:

Understanding and Implementing the 16 Firefighter Life Safety Initiatives, Each of the chapters was written by a different highly-respected fire service subject matter expert on that topic, Delmar Cengage Learning, 2023 or a comparable textbook/material.

ISBN: 978-0-87939-416-5

12 Grade Verified by: Doug Achterman

Instructor handouts and student manual 2020

ARTICULATION and CERTIFICATE INFORMATION

Associate Degree:

CSU GE:

IGETC:

CSU TRANSFER:

Transferable CSU, effective 201770

Not Transferable

UC TRANSFER:

Not Transferable

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