

BUTTE COLLEGE

COURSE OUTLINE

I. CATALOG DESCRIPTION

FSC 8 - Personal Fire Safety

3 Unit(s)

Prerequisite(s): NONE

Recommended Prep: Reading Level IV; English Level III

Transfer Status: CSU

51 hours Lecture

This course provides students who are interested in careers in the fire service with an overview of injury prevention and general safety techniques for utilization while conducting routine and emergency fire operations.

II. OBJECTIVES

Upon successful completion of this course, the student will be able to:

- A. Identify the most commonly occurring firefighter injuries and describe associated prevention techniques.
- B. Demonstrate basic rescue procedures.
- C. Identify and describe correction procedures for common fire dangers in residential and commercial structures.
- D. Identify circumstances for use of various fire extinguishing devices, and demonstrate their proper use.
- E. Describe how to implement "Operation EDITH" (Exit Drills in the Home).

III. COURSE CONTENT

A. Unit Titles/Suggested Time Schedule

	Lecture	
<u>Topics</u>		<u>Hours</u>
1. Management of emergency scenes		5.00
2. Fire scene hazards		6.00
3. Fire scene hazard mitigation		6.00
4. Firefighter injuries and injury prevention		8.00
5. Personal protective equipment (PPE)		8.00
6. Basic rescue procedures		4.00
7. Concepts of occupational health and safety		5.00
8. National Institute of Occupational Safety and Health (NIOSH) and Occupational Safety and Health Administration (OSHA)		4.00
9. Safety drills and fire detection devices for home and industry		5.00
Total Hours		51.00

IV. METHODS OF INSTRUCTION

- A. Lecture
- B. Homework: Students are required to complete two hours of outside-of-class homework for each hour of lecture
- C. Audiovisual

D. Handouts

V. METHODS OF EVALUATION

- A. Exams/Tests
- B. Quizzes
- C. Oral Presentation
- D. Projects

VI. EXAMPLES OF ASSIGNMENTS

A. Reading Assignments

1. Locate and read an article on "Firefighting Close Calls" related to a fire fighter line-of-duty fatality, and be prepared to discuss in class.
2. Read a textbook chapter on emergency scene management, and be prepared to take a quiz in class.

B. Writing Assignments

1. Prepare a tri-fold holiday safety brochure for homeowners.
2. Write a minimum one page report on a fatal or "near-miss" fire incident.

C. Out-of-Class Assignments

1. Interview a fire department chief officer about fire fighter safety using instructor-provided questions as a format, and be prepared to make a presentation in class about the interview.
2. In conjunction with an assigned group, prepare and present a safety presentation to the class.

VII. RECOMMENDED MATERIALS OF INSTRUCTION

Textbooks:

- A. James S. Angle. Occupational Safety and Health in the Emergency Services. 3rd Edition. Cengage Learning, 2012.

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