

FIRE 0001 - FIRE PROTECTION ORGANIZATION

Catalog Description

Hours: 54 lecture

Description: Provides an overview to fire protection and emergency services; career opportunities in fire protection and related fields; culture and history of emergency services; fire loss analysis; organization and function of public and private fire protection services; fire departments as part of local government; laws and regulations affecting the fire service; fire service nomenclature; specific fire protection functions; basic fire chemistry and physics; introduction to fire protection systems; introduction to fire strategy and tactics; life safety initiatives. (C-ID FIRE 100X) (CSU-with unit limitation)

Course Student Learning Outcomes

- CSLO #1: Analyze and describe the differences between the certificate, two-year degree programs, four-year degree programs, and firefighter state certification.
- CSLO #2: Differentiate the educational requirements, duties, and information sources for various occupations in fire protection.
- CSLO #3: Examine the evolution of fire protection, origins of modern fire protection, and how fire losses have effected the modern fire service.
- CSLO #4: Conclude whether or not to pursue a career in the fire service and chart a career pathway.

Effective Term

Fall 2024

Course Type

Credit - Degree-applicable

Contact Hours

54

Outside of Class Hours

108

Total Student Learning Hours

162

Course Objectives

1. Describe the components and development of the fire and emergency services.
2. Recognize Illustrate the history of the fire service.
3. Recognize careers in fire and emergency services.
4. Illustrate and explain the history and culture of the fire service.
5. Analyze the basic components of fire as a chemical chain reaction, the major phases of fire, and examine the main factors that influence fire spread and fire behavior.
6. Differentiate between fire service training and education and explain the value of higher education to the professionalization of the fire service.

7. List and describe the major organizations that provide emergency response service and illustrate how they interrelate.
8. Identify fire protection and emergency-service careers in both the public and private sector.
9. Define the role of national, State and local support organizations in fire and emergency services.
10. Discuss and describe the scope, purpose, and organizational structure of fire and emergency services.
11. Describe the common types of fire and emergency service facilities, equipment, and apparatus.
12. Compare and contrast effective management concepts for various emergency situations.
13. Identify the primary responsibilities of fire prevention personnel including, code enforcement, public information, and public and private protection systems.
14. Recognize the components of career preparation and goal setting.
15. Describe the importance of wellness and fitness as it relates to emergency services.

General Education Information

- Approved College Associate Degree GE Applicability
- CSU GE Applicability (Recommended-requires CSU approval)
- Cal-GETC Applicability (Recommended - Requires External Approval)
- IGETC Applicability (Recommended-requires CSU/UC approval)

Articulation Information

- CSU Transferable

Methods of Evaluation

- Classroom Discussions
 - Example: Following an instructor lead classroom discussion regarding Fire Service Organizations such as the NFPA , IAFF , CPF , IFSAC . Students will identify and discuss the main purpose of each and how it will affect them when they become professional Firefighters
- Objective Examinations
 - Example: Students will take a multiple choice test on fire chemistry and the phases of fire. Standard grading. Example question: What is the first phase of fire?
- Projects
 - Example: Following a lecture, students will diagram the Incident Command System as it relates to a large structure fire. Students will be graded on the accuracy of their diagram of the command and general staff.
- Reports
 - Example: Students will write a report on an assigned fire service related topic. Students will research the given topic and write a 2-page report on the given topic. Reports will be graded based upon a rubric that is provided to the students.

Repeatable

No

Methods of Instruction

- Lecture/Discussion
- Distance Learning

Lecture:

1. The instructor will lead an in class discussion of public and private support organizations at national, federal, state and local levels. Students will work in small groups to list how each of the identified organizations influences an individual fire department.
2. Following the lecture on the need for pre-incident planning, the students will work in their assigned groups and develop a preplan map of an assigned building.

Distance Learning

1. Following a brief introduction video and reading assignment of how to diagram fire department support functions, the students will diagram all fire department support functions for their chosen agency as part of their term paper.
2. Following a brief intro video and reading assignment of how to differentiate the educational requirements, duties, and information sources for various occupations in fire protection; the students shall discuss this subject in a discussion board both with the instructor and other students with in the class.

Typical Out of Class Assignments

Reading Assignments

Students will write a report on an assigned fire service related topic. Students will research the given topic and write a 2-page report on the given topic. Reports will be graded based upon a rubric that is provided to the students.

Writing, Problem Solving or Performance

1. Following the instructors presentation on resumes, prepare a resume for a firefighter position.
2. Research and write an outline of items to be presented during a public education presentation of an assigned topic.

Other (Term projects, research papers, portfolios, etc.)

1. Students may be assigned research papers on assigned topics.

Required Materials

- Introduction to Fire Protection and Emergency Services
 - Author: Robert Klinoff
 - Publisher: Jones and Barlett Publishing
 - Publication Date: 2022
 - Text Edition: 6th
 - Classic Textbook?: Yes
 - OER Link:
 - OER:

Other materials and-or supplies required of students that contribute to the cost of the course.