

Lassen Community College Course Outline

FS 5 Fire Orientation and Organization

3.0 Units

I. Catalog Description

This course 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. This course has been approved for online, hybrid and correspondence delivery.

Recommended Preparation: Successful completion of ENGL105 or equivalent multiple measures placement.

Transfers to CSU

51 Hours Lecture, 102 expected outside of class hours, 153 Total Hours of Instruction

Scheduled: Fall

II. Coding Information

Repeatability: Not Repeatable

Grading Option: Graded

Credit Type: Credit - Degree Applicable

TOP Code: 2133.00

III. Course Objectives

A. Course Student Learning Outcomes

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

- 1) Identify the organizational divisions of fire department and explain the duties and responsibilities of these divisions.
- 2) Given a specific incident, identify the appropriate equipment and personnel response to that incident.
- 3) Identify the management systems and give examples of where they are used in the fire service.
- 4) Identify and describe three separate pieces of fire apparatus and explain where they are used.

B. Course Objectives

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

1. Identify the organizational divisions of fire department and explain the duties and responsibilities of these divisions.
2. Given a specific incident, identify the appropriate equipment and personnel response to that incident.
3. Identify the management systems and give examples of where they are used in the fire service.
4. Identify and describe three separate pieces of fire apparatus and explain where they are used.

5. Describe the elements of mutual and automatic aid and the constraints and capabilities of each for a second alarm or larger incident.
6. Describe the impact agencies and doctrines have on firefighters.
7. List way emergency calls come into a dispatch system and explain how fire service equipment is dispatched
8. List the steps of size-up and their application to structure fires.
9. List examples of safety procedures used on wildland fires.
10. Explain difference between duties of a fire service unit and an ambulance unit on a traffic accident.
11. List and compare safety considerations used on emergency incidents.
12. Describe how firefighters can preserve evidence for fire investigator.

IV. Course Content

1. Fire Service Operations
2. Fire Department Organization
3. Fire Service Management
4. Multi-agency Coordinating Systems
5. Support and Regulatory Agencies
6. Dispatch systems
7. Types of Fire Department Apparatus
8. Structural Firefighting
9. Wildland Firefighting
10. Emergency Medical Services
11. Transportation Incidents
12. Hazardous Materials
13. Fire Investigation Responsibilities

V. Assignments

A. Appropriate Readings

Assigned readings in textbook.

B. Writing Assignments

Write a comprehensive term paper about a local fire department or agency describing its duties, responsibilities and personnel.

C. Expected Outside Assignments

Write a personal resume for an entry-level firefighter position and give an oral presentation to class.

D. Specific Assignments that Demonstrate Critical Thinking

Write a comprehensive term paper about a local fire department or agency describing its duties, responsibilities and personnel.

VI. Methods of Evaluation

Traditional Classroom Evaluation

Written homework, term papers and exams.

Online Evaluation

A variety of methods will be used, such as: research papers, asynchronous and synchronous discussions (chat/forum), exercises/assignments, online quizzes and exams, and postings to online website.

Correspondence Evaluation

Same as traditional classroom with the exception of the desired use of proctored exams. Students will be expected to complete assignments and activities equivalent to traditional classroom assignments and activities. Written

correspondence and a minimum of six opportunities for feedback will be utilized to maintain effective communication between instructor and student.

Hybrid Evaluation

A combination of traditional classroom and online evaluations will be used. Traditional Classroom: exercises/assignments, mixed format exams and research papers. Online: exercises/assignments, online quizzes and exams, essay forum postings, and chat rooms.

VII. Methods of Delivery

Check those delivery methods for which, this course has been separately approved by the Curriculum/Academic Standards Committee.

Traditional Classroom Delivery Correspondence Delivery

Hybrid Delivery

Online Delivery

Traditional Classroom Delivery

Lectures, Demonstration, Discussion

Online Delivery

Delivery includes the following: online written lectures, forum-based discussions, exercises/assignments contained on website, adding extra resources and other media sources as appropriate.

Correspondence Delivery

Assigned readings, instructor-generated typed handouts, lecture materials, exercises and assignments equal to traditional classroom delivery. Written correspondence and a minimum of six opportunities for feedback will be utilized to maintain communication between student and instructor.

Hybrid Delivery

A combination of traditional classroom and online instruction will be utilized. 26 hours will be taught through traditional classroom delivery by the instructor and the other 25 hours will be instructed online through the technology platform adopted by the District. Traditional class instruction will consist of lecture, demonstration, and discussion. Online delivery will consist of online written lectures, forum-based discussions, exercises/assignments contained on website, adding extra resources and other media sources as appropriate.

VIII. Representative Texts and Supplies

Klinoff, Robert; *Introduction to Fire Protection and Emergency Services*, 6th Edition, 2021, Burlington, MA. Jones & Bartlett Learning. ISBN: 9781284180152

IX. Discipline/s Assignment

Fire Technology

X. Course Status

Current Status: Active

Original Approval Date: April 23, 1996

Revised By: Dan Weaver

Curriculum/Academic Standards Committee Revision Date: 09/20/2022