

Lassen Community College Course Outline

FS 5 Introduction to Fire Protection and Emergency Services

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 meets the National Fire Academy, Fire and Emergency Services Higher Education (FESHE) curriculum model for Principles of Emergency Services. This course has been approved for online, hybrid and correspondence delivery.

Diversity Statement

Our commitment to diversity requires that we strive to eliminate barriers to equity and that we act deliberately to create a safe and inclusive environment where individual and group differences are valued and leveraged for the growth and understanding as an educational community.

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

Additional Course Information

Transfer Status: Transfers to CSU

Total Number of Hours by Instructional Method: 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: Degree Applicable/Credit

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

- A. Fire Service Operations
- B. Fire Department Organization
- C. Fire Service Management
- D. Multi-agency Coordinating Systems
- E. Support and Regulatory Agencies
- F. Dispatch systems
- G. Types of Fire Department Apparatus
- H. Structural Firefighting
- I. Wildland Firefighting
- J. Emergency Medical Services
- K. Transportation Incidents
- L. Hazardous Materials
- M. 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. Students will be required to complete two hours of outside-of-class homework for each hour of lecture.
- 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 Evaluation

Term paper (topic choice, thesis statement, outline, bibliography, rough draft, final draft), homework, classroom discussion, essay, journals, lab demonstrations and activities, multiple choice quizzes, and participation.

Correspondence Evaluation

Same as face to face with the exception of the desired use of proctored exams and exclusion of participation in classroom activities. Students will be expected to complete assignments and activities equivalent to in-class 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

Quizzes and exams could be administered in person and/ or online. Students will be expected to complete online assignments and activities equivalent to in class assignments and activities for the online portion of the course. Electronic communication, both synchronous and asynchronous (chat/forum) will be evaluated for participation and to maintain effective communication between instructor and students.

Online Evaluation

A variety of methods will be used, such as: research papers, asynchronous and synchronous (chat/forum) discussions, online quizzes and exams, posting to online website and email communications using the districts approved learning management system.

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

Lecture, discussion, audio/visual aids, demonstration, group exercises, guest speakers, lab, individualized programs and other as needed.

Correspondence Delivery

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

Hybrid Delivery

A combination of traditional classroom and online instruction will be utilized. Each semester a minimum of 17 hours, or 1/3 of the instruction hours, will be taught face-to face by the instructor and the remaining hours will be instructed online through the technology platform adopted by the District. Traditional class instruction could consist of exercises/assignments, lectures, visual aids, practice exercises, exams and quizzes. Online delivery could consist of exercises/assignments, lecture posts,

discussions, exams and quizzes, adding extra resources and other media sources as appropriate.

Online Delivery

A variety of methods will be used, such as: research papers, asynchronous and synchronous (chat/forum) discussions, online quizzes and exams, posting to online website and email communications using the districts approved learning management system.

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. Course Status

1. Current Status: Active
2. Original Approval Date: April 23, 1996
3. Course Originator:
4. Board Approval Date:
5. Chancellor's Office Approval Date:
6. Revised By: Dan Weaver
7. Curriculum/Academic Standards Committee Revision Date: 05/07/2024