# FIRE 0102 - FIREFIGHTER II TRAINING

## Catalog Description

Prerequisite: Certified Firefighter I or equivalent as determined by the Fire Technology Program Coordinator; possession of a current Emergency Medical Technician certificate; and submission of a physician's physical verification, including a spirometry test
Hours: 128 (58 lecture, 70 laboratory)
Description: Provides the skills and knowledge needed for the entry level firefighter to perform his/her duties safely, effectively, and competently. Covers general knowledge germane to the profession, fire department communications, fireground operations, rescue operations, prevention, preparedness and maintenance. (not transferable)

## Course Student Learning Outcomes

- CSLO #1: Describe the roles and responsibilities of the Firefighter II.
- CSLO #2: Demonstrate various foam application techniques for extinguishing an ignitable liquid fire.
- CSLO #3: Describe different suppression approaches and practices for various types of structural fires.
- CSLO #4: Demonstrate how to complete a fire service incident report.

## Effective Term

Fall 2019

## Course Type

Credit - Degree-applicable

## Contact Hours

128

## Outside of Class Hours

116

## Total Student Learning Hours

244

## Course Objectives

Lecture:
1. Identify different levels in the firefighter certification track, the courses and requirements for certification and capstone testing process.
2. Describe the roles and responsibilities of the firefighter II.
3. Determine the need for command.
4. Develop and coordinate activities using the incident management system until command is transferred.
5. Complete a basic incident report.
6. Outline procedure and process for extinguishing an ignitable liquid fire.
7. Outline procedure and process for extinguishing a flammable gas cylinder fire.
8. Summarize how to coordinate an interior attack line for attic, grade level, upper level and basement fires.
9. Outline steps necessary for protecting evidence of fire cause and origin.
10. Describe and discuss how to stabilize a vehicle and extricate victims trapped in a motor vehicle.
11. Generalize and describe the steps necessary to assist in a rope, trench, confined space, structural collapse, water and ice, wilderness and industrial machinery rescue or accident.
12. Outline procedure for performing a fire safety survey in a private dwelling.
13. Reframe how to present fire safety information to the public.
14. Discuss how to maintain power equipment.
15. Outline the steps for performing annual hose service testing.
Laboratory:
1. Demonstrate how to extinguish an ignitable liquid fire.
2. Demonstrate how to extinguish a flammable gas cylinder fire.
3. Demonstrate how to coordinate an interior attach line for attic, grade level, upper level and basement fires.
4. Apply and demonstrate vehicle stabilization and extrication techniques.
5. Demonstrate how to maintain power equipment.
6. Demonstrate how to perform annual hose service testing.

## 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

## Methods of Evaluation

- Essay Examinations
  - Example: In a short essay, describe the roles and responsibilities of the firefighter II. Grading will be based on standard rubric that is provided to the students.
- Objective Examinations
  - Example: Students will take a multiple choice test on performing a fire safety survey in a private dwelling. The test will be scored and assigned a grade on a traditional grading scale. Example Question: When performing a fire safety survey of a private dwelling, the inspection should begin where? A. Outside, B. Inside, C. Backyard, D. None of the above.
- Problem Solving Examinations
  - Example: Given a vehicle accident scenario, students will work in groups to identify problems and determine appropriate actions necessary to stabilize and extricate victims. Grading will be based on a rubric created by the instructor and shared with the students.
- Reports
  - Example: Students will research and prepare a report on fire service Public Education in grammar schools. Rubric Grading.
- Skill Demonstrations
  - Example: Working in a team using identified techniques and safety guidelines, students will demonstrate how to safely extinguish an ignitable liquid fire. Pass/Fail grading based on industry standard.

## Repeatable

No

# Methods of Instruction

- Laboratory
- Lecture/Discussion

Lab:

1. Following a lecture on performing annual hose service tests, students will demonstrate the proper procedure for conducting hose service tests.

Lecture:

1. The instructor will facilitate a classroom discussion on identifying methods to assess fire origin and cause. Students will participate by correctly reciting various methods.
2. The instructor will lecture on the firefighters role at a technical rescue operation and the hazards associated with each. Students will then identify the level of personal protective equipment is appropriate to each type of technical rescue.

# Typical Out of Class Assignments
# Reading Assignments

1. The students will read the assigned material on fire technology incident reports in the text and identify content requirements for basic incident reports. 2. The students will read chapter on Fire Attack and Foam and discuss methods by which foam prevents and controls hazards.

# Writing, Problem Solving or Performance

1. Given written scenarios, students will complete a basic incident report. 2. Working in groups using provided scenarios, students will solve problems relating to fire suppression approaches and practices for various structural fires, i.e., single family, multi-family, commercial and high-rise.

# Other (Term projects, research papers, portfolios, etc.)
# Required Materials

- Fundamentals of Fire Fighting Skills
  - Author: National Fire Protection Association (NFPA) and the International Association of Fire Chiefs
  - Publisher: Jones and Bartlett Learning
  - Publication Date: 2014
  - Text Edition: 3rd
  - Classic Textbook?:
  - OER Link:
  - OER:

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