

PALOMAR COLLEGE
COURSE OUTLINE OF RECORD FOR
DEGREE CREDIT COURSE

X Transfer Course X A.A. Degree applicable course
(check all that apply)

COURSE NUMBER AND TITLE: Fire 145 Fire Fighting Tactics and Strategy

UNIT VALUE: 3

MINIMUM NUMBER OF SEMESTER HOURS: 48

BASIC SKILLS REQUIREMENTS:

Appropriate language skills.

ENTRANCE REQUIREMENTS

PREREQUISITE: None

COREQUISITE: None

RECOMMENDED PREPARATION: None

SCOPE OF COURSE:

Review of fire chemistry; equipment and manpower; basic firefighting tactics and strategy; methods of attack; preplanning fire problems. CSU.

SPECIFIC COURSE OBJECTIVES:

Students will be able to:

1. Describe fire service personnel an introduction to human resource management.
2. Describe the organizational structure used within the fire service, including duties and responsibilities.
3. Introduce fire personnel to communication skills appropriate for reporting on conditions and managing resources at an emergency scene.
4. Provide fire service personnel information on how to compile data and develop a pre fire plan and how to use that information when responding to an emergency incident.
5. Provide fire service personnel the opportunity to analyze emergency situations; and identify the strategies, tactics and methods necessary to manage give scenarios.
6. Discuss fire service personnel an overview of the common causes of firefighter deaths and injuries, and appropriate safety measures to protect personnel.

CONTENT IN TERMS OF SPECIFIC BODY OF KNOWLEDGE:

- I. Introduction to Fire Command
 - A. Orientation and Administration
 - B. The Learning Process
 - C. Fire Command Overview

- II. Fire Behavior
 - A. Fire Chemistry
 - B. Fire Phases
 - C. Effects of Time
 - D. Fire Behavior within Structures

- III. Fire Control Concepts
 - A. Extinguishing Agents
 - B. Water Application
 - C. Protection System

- IV. Pre Fire Planning
 - A. Building Construction
 - B. Occupancy Types
 - C. Pre Fire Planning
 - D. Fire Data
 - E. Local Resources
 - F. State and Federal Resources

- V. First on Scene
 - A. Fire-ground Safety
 - B. Size-up
 - C. Strategy, Tactics and Methods
 - D. Report of Conditions
 - E. Role of the First-In Officer
 - F. Company Operations
 - G. Determine Resource Requirements
 - H. Apparatus Placement
 - I. Initial Fire Attack

- VI. Management Skills
 - A. Management Overview
 - B. The Fire Officer
 - C. Pressure of Command
 - D. Performance Standards
 - E. Levels of Emergency
 - F. Decision Making
 - G. Communications
 - H. Management by Objectives
 - I. Divisions of Fire Fighting
 - J. Command/Control Components

REQUIRED READING:

Fire Command 1A Student Manual. Sacramento, CA: California Fire Service Training and Education, State Fire Marshals Office, 1995.

SUGGESTED READING:

N/A

REQUIRED WRITING:

In addition to in-class evaluations, case exercises by individual and groups involving interpretation of fire conditions, structural conditions, apparatus placement and fire control strategy, tactics and methods. Paper submitted to contain 6-9 pages pertaining to critical thinking and solutions.

OUTSIDE ASSIGNMENTS:

Students are expected to spend a minimum of three hours per unit per week in class and on outside assignments, prorated for short-term classes.

The student is expected to read the required and recommended texts and prepare for all examinations.

INSTRUCTIONAL METHODOLOGY:

Check all that apply:

- lecture
- laboratory
- lecture-laboratory combination
- directed study

DISTANCE LEARNING:

This course may be offered as a distance learning course and meets Title 5 regulations 55370, 55372, 55374, 55376, 55378, and 55380.

Yes No

If yes, check all that apply:

- Television Course (Video one-way, e.g. ITV, video cassette, etc.)
- Online Course (Text one-way, e.g. newspaper, correspondence, electronic file, etc.)
- Two-Way Video Conferencing (Two-way interactive video and audio)
- One-Way Video Conferencing (One-way interactive video and two-way interactive audio)
- Computer Assisted Instruction (A specialized form of mediated instruction relying primarily on student access to information and prepared lessons or teaching materials through a computer terminal, but not under immediate supervision of a qualified instructor.)

GRADING POLICY AND STANDARDS (include methods of determining whether the stated objectives have been met by students):

- 20% Class Project (case studies)
- 20% Simulations
- 30% Quizzes
- 30% Final Exam

Note: A minimum score of 70% on the final examination is required to be certified as a Fire Officer 1 by the State Board of Fire Services.

IS COURSE REPEATABLE FOR REASON(S) OTHER THAN DEFICIENT GRADE?

Yes ___ No X Number of times course may be taken for credit: None

If yes, identify specific provision of Title 5 Division 2 section(s), 55761-55763 and 58161 which qualifies course as repeatable:

CONTACT PERSON: Brett Vanwey *1703

SIGNATURES ON FILE
