

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 175 FIRE COMMAND 1A

UNIT VALUE: 2.0

MINIMUM NUMBER OF SEMESTER HOURS: 40.00

BASIC SKILLS REQUIREMENTS: Appropriate language skills.

ENTRANCE REQUIREMENTS:

PREREQUISITE: None

COREQUISITE: None

RECOMMENDED PREPARATION: None

SCOPE OF COURSE:

Course provides instruction and simulation time to the participants while engaged in the initial decision and action processes at a working fire. The course includes discussion regarding the fire officer, fire behavior, fireground resources, operations, and management.

SPECIFIC COURSE OBJECTIVES:

The student will be able to:

1. Identify the responsibilities of the fire officer to the department, public, subordinates, and self.
2. Identify principles of fire behavior and methods used to control structure fires.
3. Identify and utilize resources of manpower, equipment, and fire protection systems.
4. Identify and implement correct fire-ground operations required of first-in company officers.
5. Identify principles of fire-ground management used to control resources and lead fire-ground personnel.

6. Apply principles through simulation exercises to safely and correctly determine extent of problem, select strategy, tactics and methods, and coordinate fire-ground resources assigned to an incident.

CONTENT IN TERMS OF SPECIFIC BODY OF KNOWLEDGE:

- I. Responsibilities of the Fire Officer
 - A. Management of department resources
 - B. Identification of fire service issues
 - C. Fire officer responsibilities
 - D. Fire ground safety
 - E. Stress and pressure of command

- II. Fire Behavior
 - A. Fire chemistry
 - B. Stages of a fire
 - C. Time/temperature effects
 - D. Extinguishing agents
 - E. Fire behavior within structures
 - F. Fire data and statistics

- III. Fire Ground Resources
 - A. Local resources
 - B. State/federal resources
 - C. Company operations
 - D. Performance standards
 - E. Water application
 - F. Building construction
 - G. Occupancy types
 - H. Protection systems
 - I. Pre-fire planning
 - J. Determining resource requirements

- IV. Fire Ground Operations
 - A. Levels of Emergency
 - B. Divisions of firefighting
 - C. Size-up
 - D. Initial reports
 - E. Strategy, tactics, and methods
 - F. Role of first-in officer
 - G. Apparatus placement
 - H. Initial fire attack

- V. Fire Ground Management
 - A. Incident command system (ICS)
 - B. Decision making

- C. Communications
- D. Management by objectives
- E. Command/control
- F. Discipline

REQUIRED READING:

Fire Command 1A Student Manual. Sacramento: California Fire Service Training and Education, State Fire Marshals Office, 1983.

SUGGESTED READING:

Brunicini, Alan. Fire Command.
Coleman, Ron. Management of Fire Service Operations.

REQUIRED WRITING:

In addition to in-class evaluations, case study 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 6-8 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.

Reading assignments are from the required text and handouts covering 300-pages. Six hours per week required of the student.

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):

- 40% Quizzes
- 25% Case studies
- 10% Simulations
- 25% Final Examination

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

Yes ____ No X Number of times course may be taken for credit: 1

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, ext. 1703**

SIGNATURES ON FILE:
