

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 194 Fire Instructor 1B

UNIT VALUE: 2

MINIMUM NUMBER OF SEMESTER HOURS: 40

BASIC SKILLS REQUIREMENTS:

Appropriate language skills.

ENTRANCE REQUIREMENTS

PREREQUISITE: None

COREQUISITE: None

RECOMMENDED PREPARATION: None

SCOPE OF COURSE:

Standard State Board of Fire Services accredited course offered in community colleges. Advanced topics include: Preparing course outlines, establishing levels of instruction, constructing behavioral objectives and lesson plans, instructional aid development, fundamentals of testing and measurements, test planning, evaluation techniques and tools. Activities include student teaching demonstrations. CSU.

SPECIFIC COURSE OBJECTIVES:

Students will be able to:

1. Identify a variety of methods and techniques for training subordinates in accordance with the latest concepts in vocational education.
2. Select, develop, organize, and utilize instructional materials appropriate for teaching technical lessons.
3. Describe various criteria and methods to evaluate teaching and learning efficiency.
4. Apply major principles of learning through practice teaching demonstrations.
5. Identify preparation courses which leads to standard designated subjects teaching credential (part-time fire science) and/or the limited services (fully satisfied) teaching credentials. This

course leads to Fire Officer and Fire Instructor I Certification within the state of California and the standards of the National Fire Protection Association Fire Instructor I.

CONTENT IN TERMS OF SPECIFIC BODY OF KNOWLEDGE:

- I. Fire Service Instructors
 - A. Manipulative and technical lesson delivery.
 - B. Certification process.
 - C. Credentials at the community college level.
 - D. Career development guide and certifies fire instructor I.
 - E. Role of state fire training.
- II. Occupational Analysis
- III. Course Outline Development
- IV. Establishing Levels of Instruction
- V. Behavioral Objectives
- VI. Four Steps of Vocational Lesson Plans
 - A. Motivation/preparation
 1. Acid base
 2. Motivating adults
 - B. Presentation
 1. Technical lesson development
 - C. Application
 1. Effective techniques to involve students
 - D. Evaluation
 1. Methods of assignments and class evaluations\
- VII. Constructing a Technical Lesson Plan
- VIII. Supplemental Instruction Aids
- IX. Effective Technical Instruction Methods
- X. Fundamentals of Testing and Measurement
- XI. Methods used to Evaluate Teaching Demonstrations
- XII. Demonstrating Teaching Skills
- XIII. Evaluation of Course Effectiveness

REQUIRED READING:

California State Department of Education. Occupational Analysis. Sacramento, CA: California Fire Service Training and Education System, 1982.

SUGGESTED READING:

National Fire Protection Association. Fire Service Instructor Professional Qualifications, Pamphlet #1041. Quincy, MA: NFPA, 1992.

International Fire Service Training Association. Fire Services Instructor. 5th edition. Stillwater, OK: IFSTA, 1990.

REQUIRED WRITING:

In addition to 3 to 5 pages of in-class evaluative writing, one course outline, two job breakdowns, two manipulative lesson plans and two evaluations of peer teaching demonstrations will be required.

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 from the text books and completing written assignments required. Students are expected to prepare for all exams.

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):

POINTS	POINTS EARNED	ACTIVITY
50	_____	Course Outline
100	_____	Technical Lesson Plan #1
100	_____	Technical Lesson Plan #2
100	_____	“25” Item Test
50	_____	Test Planning Sheet
100	_____	Information Sheet
50	_____	Assignment Sheet
100	_____	Teaching Demonstration #1
100	_____	Teaching Demonstration #2
50	_____	Evaluation Report #1

50 _____
50 _____
900 Points

Evaluation Report #2
Quizzes (5)

Note: State certification requires a minimum of 70% on the Final Exam.

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

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

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

CONTACT PERSON: Brett Van Wey *1703

SIGNATURES ON FILE