



El Camino College  
 COURSE OUTLINE OF RECORD – Official

<b>Course Acronym:</b>	FTEC
<b>Course Number:</b>	80A
<b>Descriptive Title:</b>	Training Instructor I
<b>Division:</b>	Health Sciences and Athletics
<b>Department:</b>	Fire and Emergency Technology
<b>Course Disciplines:</b>	Fire Technology
<b>Catalog Description:</b>	This course parallels Instructional Techniques Part 1 offered by the California Fire Service Training and Education System (CFSTES). It is designed to provide instruction in fire service training methods with emphasis on using occupational analysis, identifying training needs, and training others to perform manipulative skills. The course applies to Fire Officer, Fire Instructor I and Public Education Officer II certification requirements established by the California State Board of Fire Services.
<b>Prerequisite:</b>	
<b>Co-requisite:</b>	
<b>Recommended Preparation:</b>	Fire and Emergency Technology 1
<b>Enrollment Limitation:</b>	
<b>Hours Lecture (per week):</b>	2
<b>Hours Laboratory (per week):</b>	0
<b>Outside Study Hours:</b>	4
<b>Total Course Hours:</b>	36
<b>Course Units:</b>	2
<b>Grading Method:</b>	Letter Grade only
<b>Credit Status:</b>	Credit, degree applicable
<b>Transfer CSU:</b>	Yes
<b>Effective Date:</b>	12/19/2016
<b>Transfer UC:</b>	No
<b>Effective Date:</b>	
<b>General Education:</b>	ECC
<b>Term:</b>	
<b>Other:</b>	
<b>CSU GE:</b>	

	<b>Term:</b>
	<b>Other:</b>
	<b>IGETC:</b>
	<b>Term:</b>
	<b>Other:</b>
<b>Student Learning Outcomes:</b>	<p><b>SLO #1 Four-Step Method</b></p> <p>Given lecture and other related instructional materials, the student will examine and explain the four-step method of instruction as used in the fire service.</p> <p><b>SLO #2 Manipulative Fire Service</b></p> <p>Given lecture and other related instructional materials, the student will construct a manipulative fire service related lesson plan.</p> <p><b>SLO #3 Instructional Aids</b></p> <p>Given lecture and other related instructional materials, the student will compare and contrast various instructional aids.</p>
<b>Course Objectives:</b>	<ol style="list-style-type: none"> <li>1. Prepare a California Fire Service Occupational Analysis.</li> <li>2. Prepare training objectives for jobs based upon the occupational analysis.</li> <li>3. Identify the four-step method of instruction used in fire service instruction.</li> <li>4. Develop lesson plans for manipulative fire service skills.</li> <li>5. Compare and contrast the various factors influencing the teaching/learning process.</li> <li>6. Evaluate the effectiveness of various instructional aids.</li> <li>7. Design and present a teaching demonstration.</li> </ol>
<b>Major Topics:</b>	<p><b>I. Overview of Training Instructor 1A (4 hours, lecture)</b></p> <p>A. Instructor qualities</p> <p>B. Principals of instruction</p> <p><b>II. Course Development (12 hours, lecture)</b></p> <p>A. Fire service terminology</p> <p>B. Occupational analysis</p> <p>C. Training objectives</p> <p>D. Outline development</p> <p><b>III. Four-Step Method (8 hours, lecture)</b></p> <p>A. Preparation</p> <p>B. Presentation</p> <p>C. Application</p> <p>D. Evaluation</p> <p><b>IV. Manipulative Lesson Plans (4 hours, lecture)</b></p> <p>A. Job analysis</p> <p>B. Need for training</p> <p>C. Training sequence</p> <p>D. Manipulative subjects</p>

	<p><b>V. Instructional Aids (4 hours, lecture)</b></p> <p>A. Supplemental instruction sheets</p> <p>B. Multimedia</p> <p><b>VI. Evaluation Techniques (4 hours, lecture)</b></p> <p>A. Written tests</p> <p>B. Manipulative tests</p>
<b>Total Lecture Hours:</b>	36
<b>Total Laboratory Hours:</b>	0
<b>Total Hours:</b>	36
<b>Primary Method of Evaluation:</b>	2) Problem solving demonstrations (computational or non-computational)
<b>Typical Assignment Using Primary Method of Evaluation:</b>	Write a lesson plan cover-page for a unit of instruction on fire hydraulics. Include the topic, timeframe, level of instruction, behavioral objectives, materials needed, and references. Submit lesson plan to the instructor.
<b>Critical Thinking Assignment 1:</b>	Analyze the data from the occupational analysis provided and assign the correct codes for blocks, units, tasks and jobs. Prepare a two-page report outlining your results and submit to the instructor.
<b>Critical Thinking Assignment 2:</b>	Write a one-page essay comparing the "Four Step Method of Instruction" adopted by the California Fire Service with traditional post-secondary methods of instruction. Submit essay to the instructor.
<b>Other Evaluation Methods:</b>	Class Performance, Homework Problems, Multiple Choice, Written Homework
<b>Instructional Methods:</b>	Discussion, Lecture, Multimedia presentations
<b>If other:</b>	Video critique of student teaching demonstrations
<b>Work Outside of Class:</b>	Required reading, Skill practice, Study, Written work (such as essay/composition/report/analysis/research)
<b>If Other:</b>	
<b>Up-To-Date Representative Texts:</b>	Forest Reeder and Alan Jobs, International Association of Fire Chiefs. <u>Fire Service Instructor: Principles and Practices</u> . 3rd ed. International Association of Fire Chiefs, 2020.
<b>Alternative Texts:</b>	
<b>Required Supplementary Readings:</b>	Training Instructor 1A Student Supplement. California State Fire Training. 2010. (Discipline Standard)
<b>Other Required Materials:</b>	
<b>Requisite:</b>	
<b>Category:</b>	
<b>Requisite course(s): List both prerequisites and corequisites in this box.</b>	

<b>Requisite and Matching skill(s):</b> Bold the requisite skill. List the corresponding course objective under each skill(s).	
<b>Requisite Skill:</b>	
<b>Requisite Skill and Matching Skill(s):</b> Bold the requisite skill(s). If applicable	
<b>Requisite course:</b>	Fire and Emergency Technology-1
<b>Requisite and Matching skill(s):</b> Bold the requisite skill. List the corresponding course objective under each skill(s).	<b>The student should have an understanding of the basic fire fighter job duties.</b> FTEC 1 - Compare and contrast educational requirements, duties, and information sources for various occupations in fire protection.
<b>Requisite Skill:</b>	
<b>Requisite Skill and Matching skill(s):</b> Bold the requisite skill. List the corresponding course objective under each skill(s). If applicable	
<b>Enrollment Limitations and Category:</b>	
<b>Enrollment Limitations Impact:</b>	
<b>Course Created by:</b>	Junius Murray
<b>Date:</b>	09/01/1993
<b>Original Board Approval Date:</b>	03/22/1994
<b>Last Reviewed and/or Revised by:</b>	Ryan Carey
<b>Date:</b>	09/14/2023
<b>Last Board Approval Date:</b>	12/18/2023
<b>Effective Term:</b>	FALL 2024