



El Camino College
COURSE OUTLINE OF RECORD – Official

Course Acronym:	FTEC
Course Number:	19
Descriptive Title:	Fire Service Entrance Preparation
Division:	Health Sciences and Athletics
Department:	Fire and Emergency Technology
Course Disciplines:	Fire Technology
Catalog Description:	This course will explore all aspects of commonly used hiring procedures in the field of fire service. Fire service diagnostic tests will be used to identify any weaknesses in fire service entry-level skills. Students will research hiring practices, take practice written examinations, participate in mock oral board examinations and receive instruction which will enhance their fire technology career opportunities.
Prerequisite:	
Co-requisite:	
Recommended Preparation:	Fire and Emergency Technology 1 AND eligibility for English 1A
Enrollment Limitation:	
Hours Lecture (per week):	3
Hours Laboratory (per week):	0
Outside Study Hours:	6
Total Course Hours:	54
Course Units:	3
Grading Method:	Letter Grade only
Credit Status:	Credit, degree applicable
Transfer CSU:	No
Effective Date:	
Transfer UC:	No
Effective Date:	
General Education: ECC	
Term:	
Other:	
CSU GE:	
Term:	
Other:	

IGETC:	
Term:	
Other:	
Student Learning Outcomes:	<p>SLO #1 Entrance Exams Types</p> <p>The student will be able to identify a minimum of three types of entrance exams.</p> <p>SLO #2 Written Exam Proficiency</p> <p>The student will be able to demonstrate proficiency in completing examples of standardized fire service, entry-level written examinations.</p> <p>SLO #3 Oral Interview Skills</p> <p>The student will be able to demonstrate effective oral interview skills by participating in mock oral exams.</p>
Course Objectives:	<ol style="list-style-type: none"> 1. Demonstrate proficiency in completing standardized fire service entry-level written examinations. 2. Compare and contrast the educational requirements, duties and information sources for various occupations in the fire service. 3. Identify the concepts, techniques and procedures of the oral interview process. 4. Demonstrate effective oral interview skills. 5. Prepare and present oral reports that explain the career options available in the fire protection field. 6. Perform basic mathematical calculations specific to fire service occupations.
Major Topics:	<p>I. OVERVIEW OF FIRE SERVICE ENTRANCE PREPARATION (3 hours, lecture)</p> <ol style="list-style-type: none"> A. Hiring procedures B. Hiring exams C. Career opportunities D. Important dates <p>II. SAMPLE ENTRY LEVEL TESTS USED BY VARIOUS FIRE SERVICE ORGANIZATIONS (10 hours, lecture)</p> <ol style="list-style-type: none"> A. Exam development B. Internet exams <p>III. COMPUTATION PROBLEMS RELATING TO THE FIRE SERVICE PROFESSION (6 hours, lecture)</p> <ol style="list-style-type: none"> A. Determining the angle of proper placement B. Determining the amount of hose needed for a job <p>IV. NUMERICAL PROGRESSION PROBLEMS (10 hours, lecture)</p> <ol style="list-style-type: none"> A. Mechanical aptitude tests B. Ropes and knots

	<p>V. INTERPRETING AND RESPONDING TO READING COMPREHENSION EXAM QUESTIONS (5 hours, lecture)</p> <p>A. Analysis B. Time management</p> <p>VI. REPORT WRITING (5 hours, lecture)</p> <p>A. Types of reports B. Accessing information</p> <p>VII. THE ORAL INTERVIEW PROCESS AND PREPARATION (5 hours, lecture)</p> <p>A. Preparation for the process B. Rehearsals for the process</p> <p>VIII. THE ORAL INTERVIEW (10 hours, lecture)</p> <p>A. Simulated oral interviews B. Mock oral interviews</p>
Total Lecture Hours:	54
Total Laboratory Hours:	0
Total Hours:	54
Primary Method of Evaluation:	1) Substantial writing assignments
Typical Assignment Using Primary Method of Evaluation:	Participate in a small group to prepare five written and five oral test questions likely to be encountered in the pre-employment testing process. Submit written and oral questions to instructor.
Critical Thinking Assignment 1:	Participate in a mock oral interview used in the fire selection program utilizing the instructor and students as evaluators.
Critical Thinking Assignment 2:	Given career opportunities in the fire service, develop a personalized two-page written plan for securing a fire service career including fire prevention and fire suppression. Submit plan to the instructor.
Other Evaluation Methods:	Completion, Essay Exams, Homework Problems, Matching Items, Multiple Choice, Oral Exams, Other Exams, Quizzes, Term or Other Papers, True/False, Written Homework
Instructional Methods:	Group Activities, Lecture, Multimedia presentations
If other:	Video taping Oral interview boards Definitions
Work Outside of Class:	Answer questions, Problem solving activity, Required reading, Study, Written work (such as essay/composition/report/analysis/research)
If Other:	
Up-To-Date Representative Texts:	James J. Murtaugh. <u>BARRON'S FIREFIGHTER CANDIDATE EXAMS</u> . 8th ed. Barron's Publishing, 2017. Discipline Standard.
Alternative Texts:	

Required Supplementary Readings:	
Other Required Materials:	
Requisite:	
Category:	
Requisite course(s): List both prerequisites and corequisites in this box.	
Requisite and Matching skill(s): Bold the requisite skill. List the corresponding course objective under each skill(s).	
Requisite Skill:	
Requisite Skill and Matching Skill(s): Bold the requisite skill(s). If applicable	
Requisite course:	Fire and Emergency Technology-1
Requisite and Matching skill(s): Bold the requisite skill. List the corresponding course objective under each skill(s).	<p>Ability to understand fire service terminology.</p> <p>FTEC 1 -Identify the major organizations that contribute to fire protection.</p> <p>FTEC 1 -Define and describe the purpose and scope of fire departments.</p> <p>FTEC 1 -Discuss the types of common fire department apparatus, equipment, and personal safety equipment used for firefighting.</p> <p>FTEC 1 -Identify the various codes, standards, ordinances, and regulations that affect fire protection.</p> <p>FTEC 1 -Identify the various types of public and private fire protection equipment and systems.</p> <p>FTEC 1 -Define firefighting strategy and tactics.</p> <p>FTEC 1 -Describe the basic elements of firefighter safety and survival.</p>
Requisite Skill:	Eligibility for English 1A
Requisite Skill and Matching skill(s): Bold the requisite skill. List the corresponding course objective under each skill(s). If applicable	<p>This course involves reading college level textbooks, writing reports and answering essay type questions. A student's success in this class will be enhanced if they have these skills.</p> <p>Apply appropriate strategies in the writing process including prewriting, composing, revising, and editing techniques.</p>

	Read and apply critical thinking skills to college-level expository prose for the purposes of writing and discussion.
Enrollment Limitations and Category:	
Enrollment Limitations Impact:	
Course Created by:	Junius Murray
Date:	12/03/2015
Original Board Approval Date:	02/22/1994
Last Reviewed and/or Revised by:	Joshua Boies
Date:	09/05/2023
Last Board Approval Date:	12/18/2023
Effective Term:	FALL 2024