



El Camino College  
COURSE OUTLINE OF RECORD – Official

<b>Course Acronym:</b>	FTEC
<b>Course Number:</b>	77
<b>Descriptive Title:</b>	Wildland Operations for Company Officers (Company Officer 2E)
<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 provides information on evaluating and reporting incident conditions, analyzing needs, developing and implementing a plan of action to deploy incident resources, completing all operations to suppress a wildland fire, establishing an incident command post, creating an incident action plan, and completing incident records and reports.
<b>Prerequisite:</b>	
<b>Co-requisite:</b>	
<b>Recommended Preparation:</b>	Fire and Emergency Technology 1 Eligibility for English 1A
<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>	Proposed
<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</b></p> <p>Create an incident action plan.</p> <p><b>SLO #2</b></p> <p>Describe the action items to consider when deploying incident resources.</p> <p><b>SLO #3</b></p> <p>Develop an after-action incident report.</p>
<b>Course Objectives:</b>	<ol style="list-style-type: none"> <li>1. Examine the items that are necessary to complete an initial report of incident conditions.</li> <li>2. Analyze incident resource needs.</li> <li>3. Describe the steps that are required to develop an incident action plan.</li> <li>4. Assess the criteria that should be considered when establishing an incident command post.</li> <li>5. List the information needed to prepare an incident report.</li> </ol>
<b>Major Topics:</b>	<p><b>I. Formulating an Incident Action Plan (8 hours, lecture)</b></p> <p>A. On scene reports</p> <p>B. Outside agencies</p> <p>C. Fire behavior</p> <p>D. Risk vs. benefit</p> <p>E. Incident objectives</p> <p>F. Strategic priorities</p> <p>G. Tactical considerations</p> <p><b>II. Evaluating and Reporting Ongoing Incident Conditions (8 hours, lecture)</b></p> <p>A. Wildland fuel types</p> <p>B. Weather</p> <p>C. Topographical features</p> <p>D. Predicting fire behavior</p> <p><b>III. Establishing an Incident Command Post (8 hours, lecture)</b></p>

	<p>A. Safety</p> <p>B. Communication needs</p> <p>C. Accommodating incoming resources</p> <p>D. Media relations</p> <p>E. Medical protocols</p> <p>F. Command staff</p> <p><b>IV. Deploying Resources (10 hours, lecture)</b></p> <p>A. Fireline construction techniques</p> <p>B. Equipment capabilities</p> <p>C. Communication needs</p> <p>D. Incident priorities</p> <p>E. Evacuation considerations</p> <p>F. Strategic tactical assessments</p> <p><b>V. Preparing a Final Incident Report (2 hours, lecture)</b></p> <p>A. Incident documentation requirements</p> <p>B. Record keeping</p> <p>C. Agency policy and procedures</p>
<b>Total Lecture Hours:</b>	36
<b>Total Laboratory Hours:</b>	0
<b>Total Hours:</b>	36
<b>Primary Method of Evaluation:</b>	1) Substantial writing assignments
<b>Typical Assignment Using Primary Method of Evaluation:</b>	Prepare a one- to two-page report describing the information needed to complete the ICS 206 "Medical Plan" form. Submit report to the instructor.
<b>Critical Thinking Assignment 1:</b>	Given preliminary information of a simulated wildland fire scenario, develop an initial plan of action. Summarize your considerations in a one-to two-page report. Submit report to the instructor.
<b>Critical Thinking Assignment 2:</b>	Describe the methods to evaluate wildland fire weather, fuels, and topographical features. Outline your conclusions in a one- to two-page report. Submit report to the instructor.

<b>Other Evaluation Methods:</b>	Essay Exams, Objective Exam, Quizzes, Written Homework
<b>Instructional Methods:</b>	Discussion, Guest Speakers, Lecture, Multimedia presentations, Other (specify)
<b>If other:</b>	Internet Presentation/Resources
<b>Work Outside of Class:</b>	Answer questions, Required reading, Study
<b>If Other:</b>	
<b>Up-To-Date Representative Textbooks:</b>	Office of the California State Fire Marshal, <u>Command 2E Student Manual</u> , Office of the California State Fire Marshal, 2017. (Discipline Standard)  United States Department of Agriculture, <u>Wildland Fire Incident Management Guide</u> , United States Department of Agriculture, 2013. (Discipline Standard)  Firescope, <u>ICS 420-1 Field Operations Guide</u> , Firescope, 2022.  National Wildland Control Group (NWCG), <u>Incident Response Pocket Guide</u> , United States Department of Agriculture, 2022.
<b>Alternative Textbooks:</b>	
<b>Required Supplementary Readings:</b>	
<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): Bold the requisite skill. List the corresponding course objective under each skill(s).</b>	
<b>Requisite Skill:</b>	
<b>Requisite Skill and Matching Skill(s): Bold the requisite skill(s). If applicable</b>	
<b>Requisite course:</b>	Fire and Emergency Technology 1
<b>Requisite and Matching skill(s): Bold the requisite skill. List the corresponding course objective under each skill(s).</b>	<b>Understanding of basic fire department organizational structure.</b>  FTEC 1 - Define and describe the purpose and scope of fire departments.

<b>Requisite Skill:</b>	Eligibility for English 1A
<b>Requisite Skill and Matching skill(s): Bold the requisite skill. List the corresponding course objective under each skill(s). If applicable</b>	<p><b>This course involves reading college level textbooks and to write wildland operations reports. A student's success in this class will be enhanced if they have these skills.</b></p> <p>Summarize and analyze college-level textbooks.</p> <p>Write well-organized and supported essay that demonstrates application of the academic writing process.</p>
<b>Enrollment Limitations and Category:</b>	
<b>Enrollment Limitations Impact:</b>	
<b>Course Created by:</b>	Craig Neumann
<b>Date:</b>	05/11/2016
<b>Original Board Approval Date:</b>	
<b>Last Reviewed and/or Revised by:</b>	Jeff Banmunk
<b>Date:</b>	05/02/2019
<b>Last Board Approval Date:</b>	12/19/2022