FIRE 204C Course Outline as of Fall 2011

CATALOG INFORMATION

Dept and Nbr: FIRE 204C Title: FIRE COMMAND 1C
Full Title: Fire Command 1C
Last Reviewed: 1/27/2014

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	2.00	Lecture Scheduled	2.00	17.5	Lecture Scheduled	35.00
Minimum	2.00	Lab Scheduled	0.25	5	Lab Scheduled	4.38
		Contact DHR	0		Contact DHR	0
		Contact Total	2.25		Contact Total	39.38
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 70.00 Total Student Learning Hours: 109.38

Title 5 Category: AA Degree Applicable
Grading: P/NP Only
Repeatability: 00 - Two Repeats if Grade was D, F, NC, or NP
Also Listed As:
Formerly:

Catalog Description:
This course is designed to apply the principles of the management and decision-making process as it pertains to firefighting in the wildland urban interface with an emphasis on fire behavior and weather, fire prediction systems, duties and responsibilities of the company officer, Incident Action Plans (IAP), resources, communications, strategy and tactics, size-up, report on conditions, safety and survival, risk management, entrapment avoidance, defusing risk, firefighter fatality and near-miss studies, as well as pre-incident operations, incident operations and post-incident operations. Upon successful completion, the student will be awarded a Fire Command 1C certificate from the State Fire Marshal's office.

Prerequisites/Corequisites:
Course Completion of FIRE 204A or equivalent

Recommended Preparation:

Limits on Enrollment:

Schedule of Classes Information:
Description: This course is designed to apply the principles of the management and decision-

making process as it pertains to firefighting in the wildland urban interface with an emphasis on fire behavior and weather, fire prediction systems, duties and responsibilities of the company officer, Incident Action Plans (IAP), resources, communications, strategy and tactics, size-up, report on conditions, safety and survival, risk management, entrapment avoidance, defusing risk, firefighter fatality and near-miss studies, as well as pre-incident operations, incident operations and post-incident operations. Upon successful completion, the student will be awarded a Fire Command 1C certificate from the State Fire Marshal's office. (P/NP Only)
Prerequisites/Corequisites: Course Completion of FIRE 204A or equivalent
Recommended:
Limits on Enrollment:
Transfer Credit:
Repeatability: Two Repeats if Grade was D, F, NC, or NP

ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

AS Degree:	**Area**	Effective:	Inactive:
CSU GE:	**Transfer Area**	Effective:	Inactive:
IGETC:	**Transfer Area**	Effective:	Inactive:

CSU Transfer:	Effective:	Inactive:
UC Transfer:	Effective:	Inactive:

CID:

Certificate/Major Applicable:
Not Certificate/Major Applicable

COURSE CONTENT

Outcomes and Objectives:
Upon completion of the course, students will be able to:
1. Identify the three elements that influence wildland fire behavior.
2. Describe the elements of the ICS and an IAP as they relate to I-Zone firefighting.
3. Describe the duties and responsibilities of a strike team company officer.
4. Describe the communication process as it relates to I-Zone firefighting.
5. Describe the elements of size-up as they relate to I-Zone firefighting and the key components of a report on conditions.
6. Identify the different types of resources used in I-Zone firefighting and their capabilities.
7. Demonstrate firefighter safety and survival in the I-Zone setting.
8. Describe the principles of evacuation as they relate to I-Zone firefighting.
9. Describe the procedures for structural triage and protection in the I-Zone.
10. Demonstrate the ability to perform I-Zone firefighting simulations.

Topics and Scope:

1. Introduction
   a. Orientation and administration
   b. Authority
2. Fire Environment

a. Fire behavior and weather
b. Fire prediction systems

3. ICS
   a. Review of ICS
   b. Duties and responsibilities of the company officer
   c. Incident Action Plans
4. I-Zone Operational Principles
   a. Resources
   b. Communications
   c. Strategy and tactics
   d. I-Zone size-up
   e. Report on conditions
5. Safety and Survival
   a. Introduction of safety and survival in the I-Zone
   b. The risk management process
   c. Entrapment avoidance
   d. Last resort survival
   e. Properly refusing risk
   f. Firefighter fatalities and near-miss case studies
6. I-Zone Incident Operations
   a. Pre-incident operations
   b. Incident operations
   c. Post-incident operations

Assignment:

1. Reading 20-80 pages between sessions
2. Short written response to readings
3. 2-5 individual written and performance exercises, including an IAP
4. 5-10 group written and performance exercises, including an IAP
5. I-Zone firefighting simulation exercises
6. CFSTES manual worksheets
7. State certification exam

Methods of Evaluation/Basis of Grade:

Writing: Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

Individual and group wirting exercises, including IAP reading responses	Writing 5 - 10%

Problem Solving: Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

I-Zone firefighting simulation exercises	Problem solving 5 - 10%

Skill Demonstrations: All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

I-Zone firefighting simulation exercises	Skill Demonstrations 5 - 10%

Exams: All forms of formal testing, other than skill performance exams.

State certification exam	Exams 70 - 80%

Other: Includes any assessment tools that do not logically fit into the above categories.

None	Other Category 0 - 0%

Representative Textbooks and Materials:
CFSTES Manual Fire Command 1C by California Fire Service Training and Education System, Sacramento, CA 2004
ICS 420-1 Field Operations Guide, Firescope, 2004
S-190, Introduction to Wildland Fire Behavior, National Wildfire Coordinating Group (NWCG), 2006