

FIRE 270.2 Course Outline as of Fall 2016**CATALOG INFORMATION**

Dept and Nbr: FIRE 270.2 Title: WILDLAND OPS
 Full Title: Wildland Incident Operations for Company Officers
 Last Reviewed: 9/23/2019

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	1.00	Lecture Scheduled	2.00	4	Lecture Scheduled	8.00
Minimum	1.00	Lab Scheduled	8.00	2	Lab Scheduled	32.00
		Contact DHR	0		Contact DHR	0
		Contact Total	10.00		Contact Total	40.00
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 16.00

Total Student Learning Hours: 56.00

Title 5 Category: AA Degree Non-Applicable

Grading: P/NP Only

Repeatability: 00 - Two Repeats if Grade was D, F, NC, or NP

Also Listed As:

Formerly:

Catalog Description:

An overview of the information necessary to evaluate and report incident conditions, analyze incident needs, develop and implement 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 (IAP), and completing incident records and reports. Upon successful completion, the student will be awarded a completion certificate from the State Board of Fire Services.

Prerequisites/Corequisites:

Course Completion of FIRE 208.1

Recommended Preparation:

Eligibility for ENGL 100 or ESL 100

Limits on Enrollment:**Schedule of Classes Information:**

Description: An overview of the information necessary to evaluate and report incident conditions, analyze incident needs, develop and implement 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 (IAP), and completing incident records and reports. Upon successful completion, the student will be awarded a completion certificate from the State Board of Fire Services. (P/NP Only)

Prerequisites/Corequisites: Course Completion of FIRE 208.1

Recommended: Eligibility for ENGL 100 or ESL 100

Limits on Enrollment:

Transfer Credit: CSU;

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:	Transferable	Effective: Spring 2020	Inactive:
UC Transfer:		Effective:	Inactive:

CID:

Certificate/Major Applicable:

Both Certificate and Major Applicable

COURSE CONTENT

Student Learning Outcomes:

At the conclusion of this course, the student should be able to:

1. Demonstrate the ability to competently perform the role of Incident Commander for a wildland fire
2. Demonstrate the ability to evaluate personnel and conduct the record keeping and paperwork associated with a wildland fire incident

Objectives:

Upon completion of the course, students will be able to:

1. Identify course objectives, requirements, assignments, activities, evaluation methods and participation requirements
2. Identify the different levels in the Fire Officer certification track, the courses and requirements for Level I and II certification and the capstone task book and testing process
3. Describe the process for obtaining information regarding travel route, assignment, time needed and point of contact from a dispatch agency when responding to a wildland incident
4. Develop an initial report on conditions that communicates the required incident information to a communications center and update as needed
5. Demonstrate the ability to size up an incident to formulate an incident action plan (IAP) that sets incident objectives and applies strategies and tactics according to agency policies and procedures
6. Evaluate incident conditions, progress, changes in fuels, topography, weather, fire behavior and other significant events and communicating these conditions to the supervisor and other personnel
7. Describe the process of establishing a correctly situated Incident Command Post (ICP) and

communicating its location

8. Describe the appropriate medical treatment for an injured firefighter and required notifications following agency policies and using the Incident Command System (ICS) 206 Medical Plan form
9. Demonstrate the ability to deploy resources to suppress a wildland fire, taking all appropriate suppression actions and ensuring for safety of personnel
10. Demonstrate the ability to communicate updates with supervisors and other personnel on the progress of the incident, changes in conditions, fire behavior and other significant events
11. Demonstrate the ability to analyze incident needs, order additional and/or release excess resources in accordance with agency policies and procedures
12. Describe how to provide for assigned resources logistical service and support needs in accordance with agency policies
13. Demonstrate the ability to complete the transfer of command using the ICS 201 Incident Briefing form and ensuring the new Incident Commander has the information necessary to operate
14. Demonstrate the ability to deploy resources to mop up a wildland fire to ensure extinguishment
15. Describe the process of completing wildland fire suppression operations and return resources to service following agency policies and procedures
16. Describe how to evaluate assigned personnel to ensure they are capable of safely performing assigned tasks, identify individuals who have not met standards and to take corrective actions when needed
17. Describe how to verify the qualifications of assigned personnel to ensure their skills are appropriate, how to identify and report deficiencies and take corrective action when needed
18. Demonstrate the ability to evaluate job performance of assigned personnel using the ICS 225 Incident Personnel Performance Rating form
19. Demonstrate the ability to maintain wildland incident records and document required information
20. Demonstrate the ability to complete personnel time and equipment use records in accordance with established policies and procedures
21. Demonstrate the ability to prepare final incident reports for an extinguished wildland fire
22. Describe the process for responding to requests for incident information following agency policies and procedures

Topics and Scope:

- I. Orientation and administration
 - A. Review of facilities
 - B. Review of classroom requirements
 - C. Review of syllabus, participation, assignments and evaluation methods
- II. Fire Officer Certification track course requirements
 - A. Level I requirements
 - B. Level II requirements
 - C. The capstone task book process
 - D. The capstone testing process
- III. Obtaining information from dispatch
 - A. Dispatch agency procedures
 - B. Response to incidents under different jurisdictional authorities
 - C. Local and Office of Emergency Services (OES) resource requests
 - D. Planned need, immediate need and initial attack dispatches
- IV. Developing reports on conditions
 - A. Relevant incident information to be communicated

1. Initial radio report
 2. Follow-up report on conditions
 3. Incident updates
- V. Formulating an Incident Action Plan
- A. Elements of a wildland size-up
 - B. Interpreting fire behavior
 - C. Resource availability and capability
 - D. Identifying values at risk
 - E. Incident objectives
 - F. Wildland fire suppression strategies
 - G. Tactical priorities
 - I. Use of the ICS 201 form in wildland firefighting
- VI. Evaluating and reporting ongoing incident conditions
- A. Evaluating wildland fire weather, fuels and topographical information
 - B. Current and predicted fire behavior
 - C. Incident conditions and changing the plan of action
- VII. Factors affecting the establishment of an Incident Command Post (ICP)
- A. Safety
 - B. Access to incoming resources
 - C. Communication needs
- VIII. Providing for emergency medical treatment
- A. Local medical protocols
 - B. Agency accident and illness reporting procedures
 - C. Use of the ICS 206 Medical Plan form
- IX. Deploying resources to suppress a wildland fire
- A. Fireline location and construction techniques
 - B. Firing operations and authority for use
 - C. Firefighting personnel and equipment capabilities
 - D. Radio communications capabilities and protocols
 - E. Techniques for deploying assigned resources
 - F. Wildland Urban Interface (WUI) incident priorities
 - G. WUI tactical actions and guidelines
- X. Updating supervisors, crew members and adjoining personnel
- A. Hazards and factors related to the wildland fire environment
 - B. Methods of communicating pertinent updated information
- XI. Analyzing incident needs
- A. Determining resource needs
 - B. Jurisdictional policies and procedures related to resource ordering and release
- XII. Providing for assigned resource needs
- A. Short and long term needs as required by the incident
 - B. Logistical support and services
- XIII. Providing information to the replacement incident commander
- A. Policies and procedures for transfer of command
 - B. Information to be communicated during the transfer of command
- XIV. Deploying resources to mop up a wildland fire
- A. Environmental factors
 - B. Capabilities of resources
 - C. Conducting risk assessment
- XV. Demobilization and termination of an incident
- XVI. Procedures for observing, evaluating, counseling and documenting personnel as to fitness for duty in accordance with agency policies and procedures
- XVII. Verifying personnel qualifications

- A. Qualification standards
- B. Assessing personnel qualifications for assignments in accordance with agency policies and procedures
- XVIII. Procedures for using the ICS 225 Incident Personnel Performance Rating form
- XIX. Agency incident documentation procedures
- XX. Policies and procedures for proper record keeping
- XXI. Incident reporting policies and procedures
- XXII. Policies and procedures for the release of incident information

Assignment:

1. Pre-course reading and writing assignments of up to three hours
2. 20-30 pages of reading between class sessions
3. 4-6 role playing activities including simulations and Table Top exercises
4. 3-4 written exercises
5. 2-3 group problem solving scenarios
6. 2-4 quizzes
7. Summative 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.

Written exercises

Writing 5 - 20%

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

Role playing and group table-top exercises
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Problem solving 5 - 15%

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

Role playing and group table-top exercises
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Skill Demonstrations 5 - 15%

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

Quizzes and summative exam

Exams 70 - 85%

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

None

Other Category 0 - 0%

Representative Textbooks and Materials:

Command IC Student Manual, California Fire Service Training and Education System, 2013

Wildland Fire Incident Management Guide, National Wildfire Coordinating Group (NFES 002943), 2014

ICS 420-1 Field Operations Guide, FIREScope, current edition

Incident Response Pocket Guide National Wildfire Coordinating Group (NFES 1077) current edition