

Course Outline of Record

Los Medanos College

2700 East Leland Road

Pittsburg CA 94565

Course Title: Company Officer 2E: Wildland Incident Operations

Subject Area/Course Number: FIRE-127

New Course OR **Existing Course**

Author(s): German Sierra

Subject Area/Course No.: Fire 127

Units: 2

Course Title: Company Officer 2E: Wildland Incident Operations

Discipline(s): Fire Technology

Pre-Requisite(s):

Advisories: Must complete or provide copy of S-290 Intermediate Fire Behavior Certificate (classroom delivery only) as well as meet the educational requirements for Fire Fighter II as stated in the California State Fire Training certification process.

Catalog Description:

This course provides information on evaluating and reporting incident conditions, analyzing incident 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. This course is one of five core courses required in the California State Fire Training Company Officer Certification. This course has mandatory material fees that range from \$10-\$40 dollars.

Schedule Description:

Are you currently a firefighter looking to promote???

This course is designed for current firefighter professionals seeking to advance their career. Information will be provided on evaluating and reporting incident conditions, analyzing incident 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. Be advised, this course has mandatory material fees that range from \$10 - \$40.

The student will present a copy of the following documents: S-290 Intermediate Fire Behavior Certificate (classroom delivery only) as well as meet the educational requirements for Fire Fighter II as stated in the California State Fire Training certification process these documents must be presented to the instructor the first day of classes.

Hrs/Mode of Instruction: Lecture: 40 Scheduled Lab: ____ HBA Lab: ____ Composition: ____ Activity: ____ Total Hours 40

Credit Credit Degree Applicable (DA)
 Credit Non-Degree (NDA)

Grading Pass/No Pass (P/NP)
 Letter (LR)
 Student Choice (SC)

Repeatability 0
 1
 2
 3

Last date of Assessment: _____

Cohort #: 4

Please apply for:

LMC General Education Requirement(s): _____

Transfer to: CSU UC IGETC Area ____ CSU GE Area ____ C-ID Number _____

Course is Baccalaureate Level: Yes No

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Signatures:

| | |
|--|------------|
| Department Chair _____ | Date _____ |
| Librarian _____ | Date _____ |
| Dean (Technical Review) _____ | Date _____ |
| Curriculum Committee Chair _____ | Date _____ |
| President/Designee _____ | Date _____ |
| CCCCD Approval Date (Board or Chancellor's Office) _____ | Date _____ |

STAND ALONE COURSE: **YES** **NO**

Course approved by Curriculum Committee as Baccalaureate Level: **YES** **NO**

LMC GE Requirement Approved by the Curriculum Committee: _____

FOR OFFICE OF INSTRUCTION ONLY. DO NOT WRITE IN THE SECTION BELOW.

Begin in Semester _____ Catalog year 20____/20____ Class Max: _____
Dept. Code/Name: _____ T.O.P.s Code: _____ Crossover course 1/ 2: _____
ESL Class: _____ Yes / No DSPS Class: _____ Yes / No Coop Work Exp: _____ Yes / No

- | | | | | | |
|-------------------|--|-----------------|--|--------------------------|---|
| Class Code | <input type="checkbox"/> A Liberal Arts & Sciences | SAM Code | <input type="checkbox"/> A Apprenticeship | Remediation Level | <input type="checkbox"/> B Basic Skills |
| | <input type="checkbox"/> B Developmental Preparatory | | <input type="checkbox"/> B Advanced Occupational | | <input type="checkbox"/> NBS Not Basic Skills |
| | <input type="checkbox"/> C Adult/Secondary Basic Education | | <input type="checkbox"/> C Clearly Occupational | | |
| | <input type="checkbox"/> D Personal Development/Survival | | <input type="checkbox"/> D Possibly Occupational | | |
| | <input type="checkbox"/> E For Substantially Handicapped | | <input type="checkbox"/> E* Non-Occupational | | |
| | <input type="checkbox"/> F Parenting/Family Support | | | | |
| | <input type="checkbox"/> G Community/Civic Development | | | | |
| | <input type="checkbox"/> H General and Cultural | | | | |
| | <input type="checkbox"/> I Career/Technical Education | | | | |
| | <input type="checkbox"/> J Workforce Preparation Enhanced | | | | |
| | <input type="checkbox"/> K Other non-credit enhanced | | | | |
| | <input type="checkbox"/> Not eligible for enhanced | | | | |
- *Additional criteria needed
- 1 One level below transfer
 2 Two levels below transfer
 3 Three levels below transfer

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Institutional Student Learning Outcomes:

General Education SLOs:

At the completion of the LMC general education program, a student will:

1. read critically and communicate effectively as a writer and speaker.
2. understand connections among disciplines and apply interdisciplinary approaches to problem solving.
3. think critically and creatively
4. consider the ethical implications inherent in knowledge, decision-making and action.
5. possess a worldview informed by diverse social, multicultural and global perspectives.

None

Program-Level Student Learning Outcomes (PSLOs): n/a

Course-Level Student Learning Outcomes (CSLOs):

CSLO #1 Describe the elements of an initial wildland fire size-up.

CSLO #2 Identify a wildland fire incident objectives, strategies and tactics necessary to formulate an Incident Action Plan.

CSLO #3 Compose a wildland fire incident ICS organizational chart for a medium size incident.

CSLO #4 Model the professional behavior expected of a Fire Service Professional, affective behavior observations: respect, discipline, interpersonal communication, conflict resolution and participation.

Assessment Instruments:

In-class Assignments

1. Analyze case studies from the following:
 1. Course textbook(s)
 2. Types of Incident Action Plans
 3. Incident Objectives
2. Reference the following sources for class activities:
 1. Incident Action Plans
 2. Various readings published by the National Fire Academy and National Firefighters Foundation
 3. Discuss required writing assignment
 4. Review wildland fire case studies

Out-of-class Assignments

1. Reading assignments are required and may include but, are not limited to, the following:
 1. Course textbook(s)
 2. Writing Assignments
 3. Formulate an incident action plan that sets incident objectives and applies strategies and tactics according to agency policies and procedures.

Method of Evaluation/Grading:

- College level or pre-collegiate essays
- Written homework
- Group activity participation/observation
- multiple choice examinations
- Mid-term and final evaluations

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- Student participation/contribution

| CSLO | Quiz | Test | Group Activity | Homework | Participation |
|---------|------|------|----------------|----------|---------------|
| CSLO #1 | X | X | X | X | |
| CSLO #2 | X | X | X | X | X |
| CSLO #3 | X | X | X | X | X |
| CSLO #4 | X | X | | | X |

CSLO #1 Describe the elements of an initial wildland fire size-up.

Students demonstrate basic competence applying emergency management concepts to a wildland fire incident through group activities.

CSLO #2 Identify a wildland fire incident objectives, strategies and tactics necessary to formulate an Incident Action Plan.

Students demonstrate competence identifying objectives, applying strategies and evaluate tactics to mitigate a wildland fire.

CSLO #3 Compose a wildland fire incident ICS organizational chart for a medium size incident.

Student will identify and write a ICS chart and develop an Incident Action Plan using a group activity and the summative Final Exam.

CSLO #4 Model the professional behavior expected of a Fire Service Professional, affective behavior observations: respect, discipline, interpersonal communication, conflict resolution and participation.

Student will model the professional attributes expected of a fire service professional such as effective personal communication, conflict resolution, respect and discipline through the use of group activities and observation by the instructor.

A Level Work: Is characterized by clear and consistent proficiency in the ability of the student to perform as a wildland incident commander for initial size up of a wildland fires . Assessment scores are in the range of 90%-100%.

C Level Work: Student demonstrates minimal competence and is rarely proficient in his/her ability to perform as a wildland incident commander for the initial size up of a wildland fire. Assessment scores are in the range of 70%-79.9

| Assignment | Percentage of total grade |
|--|---------------------------|
| Written Final Summative Exam | 40% |
| Written Formative Quizzes | 25% |
| Discussions, Problem Based Learning, role play and table top exercises | 35% |

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Course Content:

1. Introduction
 1. Orientation and Administration
 2. Fire Officer Certification Process
2. Wildland Fire Officer
 1. Obtaining Information from Dispatch
 2. Developing Report on Conditions
 3. Formulating an Incident Action Plan
 4. Evaluating and Reporting Ongoing Incident Conditions
 5. Establishing an Incident Command Post
 6. Providing for Emergency Medical Treatment
 7. Developing Resources, Crew Members, and Adjoining Personnel
 8. Analyzing Incident Needs
 9. Providing for Assigned Resources Needs
 10. Providing Information to the Replacement IC
 11. Deploying Resources to Mop-up a Wildland Fire
 12. Completing Wildland Fire Suppression Operations
 13. Evaluating Assigned Personnel
 14. Verifying Personnel Qualifications
 15. Evaluating Job Performance
 16. Maintaining Wildland Incident Records
 17. Completing Personnel Time and Equipment Use Records
 18. Preparing Final Incident Reports
 19. Responding to Requests for Incident Information

Lab By Arrangement Activities (If Applicable): n/a

Instructional Methods:

- Lecture
- Lab
- Activity
- Problem-based Learning/Case Studies
- Collaborative Learning/Peer Review
- Demonstration/Modeling
- Role-Playing
- Discussion
- Computer Assisted Instruction
- Other (explain) _____

Textbooks:

- Command IC Student Manual. SFT, <http://osfm.fire.ca.gov/training/resources.php>, (2013/e).
- Wildland Fire Incident Management Guide, NWCG (NFES 002943), 2014 edition
- <http://www.nwcg.gov/pms/pubs/pms210/pms210.pdf>
- ICS 420-1 Field Operations Guide, FIRESCOPE, current edition, <http://www.firescope.org/>
- Incident Response Pocket Guide, NWCG (NFES 1077), current edition, <http://www.nwcg.gov/>