Lassen Community College Course Outline

FS 74 Fire in the Interface (S-215)   1.0 Units

I.   Catalog Description

This course is designed to meet the training needs for initial attack incident commanders and company officers confronting wildland fires that threaten life, property and improvements in the wildland/urban interface. Must be qualified as a Firefighter Type 1 and the instructor will verify qualifications before signing the registration card.

Recommended Preparation: Successful completion of ENGL105 or equivalent multiple measures placement. Must be qualified as a Firefighter Type 1 and enrollment requires the instructor's signature.

Does Not Transfer to CSU/UC
24 Hours Lecture, 48 Hours Outside Class Work: 72 Total Student Learning Hours
Scheduled: Fall, Spring

II.   Coding Information

Repeatability: Not repeatable
Open Entry/Open Exit: NA
Grading Option: Graded
Credit Type: Credit – Degree Applicable
TOP Code: 2133.10

III.   Course Objectives

A. Course Student Learning Outcomes

Upon completion of this course the student will be able to:
1. Demonstrate the knowledge to size up a fire incident involving a wildland/urban interface.
2. Demonstrate the ability to evaluate a potential situation, and order and deploy the necessary resources.
3. Apply safe and effective strategies and tactics to minimize the threat to life and property.

B. Course Objectives

Upon completion of this course the student will be able to:
1. List items considered in sizing-up an interface fire incident, prior to and after arriving at the scene.
2. List items considered in evaluating the types and limitations of resources.
3. List items to be included in a size-up report.
4. List the three priorities in establishing strategic goals.
5. State the three operational modes
6. List five items influencing a resource order
7. List four subject areas consider in briefing and deploying resources.
8. List the three structure triage categories.
9. List five basic factors influencing triage decisions and give three examples of each.
10. List four conditions indicating that the situation is hopeless.
11. List four operations initiated upon arrival at an incident and describe their

importance to firefighting actions.
12. Describe how to prepare structures and surrounding area to minimize damage.
13. Describe firefighting methods employed to defend threatened structures from fire.
14. List the items considered in assessing the effectiveness of an old action plan.
15. Given an action plan and scenario, update the action plan as the scenario changes.
16. List the steps to be completed prior to leaving an area involved in an interface fire.
17. Explain the importance of an organized demobilization plan.
18. List five tasks performed after the fire has passed to abate any lingering threat.
19. Describe way to minimize and protect against damage to private and public property.
20. Describe responsibilities related to post-incident management.
21. Describe responsibilities related to demobilization of an interface incident.
22. Describe twelve general safety considerations encountered in interface operations.
23. List seven "don'ts" when working around power lines.
24. List the structural situations that shout "WATCH OUT"

IV. Course Content
A. Interface Awareness
B. Size-up
C. Initial Strategy and Action Plan
D. Structure Triage
E. Structure Protection Tactics
F. Action Plan Assessment and Update
G. Follow-up and Public Relations
H. Firefighter Safety in the Interface

V. Assignments
A. Appropriate Readings
Assigned handout materials.
B. Writing Assignments
Completion of action plans dealing with fire in the urban interface.
C. Expected Outside Assignments
Reading assignments and development of action plans.
D. Specific Assignments that Demonstrate Critical Thinking
Students will participate in role playing to help establish leaders in possible situations that posed an ethical dilemma, demonstrate the ability to communicate responsibilities, demonstrate effective teamwork skills, practice and evaluate what was learned and provide and participate in a review process.

VI. Methods of Evaluation
Traditional Evaluation
Grading of this course will be based on the following standards set forth from NWCG. A written examination will be given at the end of each unit. Students must obtain at least a score of 70% or higher on the final examination to receive a certification.

VII. Methods of Delivery
Check those delivery methods for which, this course has been separately approved by the Curriculum/Academic Standards Committee.

☒ **Traditional Classroom Delivery** ☐ Correspondence Delivery

☐ Hybrid Delivery   ☐ Online Delivery

Traditional Classroom Delivery
Lecture, discussion, audio/visual aids, demonstration, group exercises, guest speakers, lab, individualized programs and other as needed.

VIII. Representative Texts and Supplies
Student Workbook S-215, 2013
 Fireline Handbook PMS 410-1
Interagency Standards for Fire and Fire Aviation
 Incident Response Pocket Guide PMS 461,2022

IX. Discipline/s Assignment
Fire Technology

X. Course Status
Course Status: Active
Original Approval Date: December 10, 1991
Revised By: Dan Weaver
Curriculum/Academic Standards Committee Revision Date: 10/04/2022