

Lassen Community College Course Outline

FS 98.18 Wildland Fire Safety Training Annual Refresher (WFSTAR) (RT-130)

0.5 Units

I. Catalog Description

The intent of RT-130, Wildland Fire Safety Training Annual Refresher (WFSTAR) is to focus line-going personnel on operations and decision-making issues related to fireline safety in order to recognize and mitigate risk, maintain safe and effective practices, and reduce accidents and near misses. RT-130 is required for designated positions in order to maintain currency, for all personnel assigned to positions with fireline duties, and for any position assigned to the fireline for non-suppression tasks. Material fee required and subject to change. This course requires an additional fee of \$2.00 to cover the costs of handouts and a pocket guide. This course may be taken as legally mandated.

Diversity Statement:

Our commitment to diversity requires that we strive to eliminate barriers to equity and that we act deliberately to create a safe and inclusive environment where individual and group differences are valued and leveraged for the growth and understanding as an educational community.

Prerequisites: FS 61 Basic Firefighter Training (Basic 32) or equivalent NWCG S-130, L-180 and S-190.

Additional Course Information:

Transfers to CSU

Total Number of Hours by Instructional Method: 8.5 hours of lecture,

17 hours outside study: 25.5 Total Student Learning Hours

Scheduled: Spring

Coding Information

Repeatability: Not repeatable – Take 1 time

Grading Option: Pass/No Pass

Credit Type: Credit - Degree Applicable/Credit

TOP Code: 2133.00

II. Course Objectives

A. Course Student Learning Outcomes

Upon completion of this course the student will be able to:

1. Demonstrate procedures for safe basic fireline tactics.
2. Demonstrate Fire Shelter training

B. Course Objectives

Upon completion of this course the student will be able to:

1. Identify the 10 Standard Fire Orders
2. Identify 18 Situations that Shout Watchout
3. Demonstrate a working knowledge of Lookout, Communications, Escape Routes, Safety Zones

4. Demonstrate a working knowledge of Wildland Urban Interface.
5. Identify tactics of Downhill Line Construction
6. Identify tactics of Common Denominators
7. Possess a working knowledge of Situational Awareness
8. Demonstrate Fire Shelter training

III. Course Content:

- A. Local Topics
 1. WFSTAR Year In Review.
 2. Previous fire season statistics.
 3. Current national and local Predictive Services products for upcoming fire season.
 4. Local Fire Management updates and expectations.
 5. Local staffing and availability updates.
 6. Local and national aviation updates and availability.
- B. Incident Reviews and Lessons Learned
 1. The Lessons Learned Center Annual Review Summary.
 2. Responding to an incident within an incident utilizing the Medical Incident Report.
 3. Local lessons learned.
 4. Case studies, accident reports, facilitated learning analysis, or lesson learned reports
- C. Fire and Aviation Operational Safety:
 1. Aviation for fireline personnel.
 2. LCES, Standard Firefighting Orders, Watch Out Situations.
 3. Common Denominators of Fire Behavior on Tragedy Fires.
 4. Common Tactical Hazards.
 5. Downhill Checklist.
 6. Equipment.
 7. Safety Zones.
 8. Weather and fire behavior.
 9. Wildland Urban Interface.
 10. Chainsaw Operational Safety.
 11. Driving Safety.
 12. Heavy Equipment.
 13. SAFENET and SAFECOM reports.
 14. All hazard response.
 15. Other hazards and safety issues
- D. Human Factors, Communication and Decision Making:
 1. Operational Leadership.
 2. Communication Responsibilities.
 3. Situational Awareness.
 4. Command Presence.
 5. Leader's Intent.
 6. Mental Health
- E. Fire Shelters and Entrapment Avoidance:
 1. Conduct hands on fire shelter proficiency drills in different environments.
 2. Case studies related to entrapment avoidance.
 3. Annual updates and reminders for fire shelters from NWCG Fire Shelter and Protective Equipment Subcommittee

IV. Assignments

- A. Appropriate Readings
Assigned readings in the textbook
- B. Writing Assignments
None
- C. Expected Outside Assignments
An exercise will be conducted for most of the topics for knowledge, and a fire shelter Exercise will be conducted for a pass or fail.
- D. Specific Assignments that Demonstrate Critical Thinking
Analyze the current situation at hand to check fire line tactics with safety for firefighters included in the outcome of the tactics.

V. Methods of Evaluation

Traditional Evaluation

Term paper (topic choice, thesis statement, outline, bibliography, rough draft, final draft), homework, classroom discussion, essay, journals, lab demonstrations and activities, multiple choice quizzes, and participation. Fire Shelter Examination.

VI. 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.

VII. Representative Texts and Supplies

- A. NFES 1077 Incident Response Pocket Guide, PMS 461, 2022 (provided in class)

VIII. Course Status

1. Current Status: Active
2. Original Approval Date: 12/09/2008
3. Course Originator:
4. Board Approval Date:
5. Chancellor's Office Approval Date:
6. Revised Date by Name: Dan Weaver
7. Latest Curriculum/Academic Standards Committee Revision Date: 09/03/2024