

Lassen Community College Course Outline

FS 70 Heavy Equipment Boss (S-236)

1.0 Unit

I. Catalog Description

This course is designed to meet training recommended for the dozer boss on an all risk incident. Trainees will be taught to ensure that a dozer has been properly inspected and signed up, ensure a dozer operator is qualified and signed up, determine the capabilities and limitations of the dozer and operator to perform an assignment, and the actions to complete an assignment. Must have Firefighter Type 1 qualifications to receive NWCG Certificate.

Recommended Preparation: Successful completion of ENGL105 or equivalent multiple measures placement.

Does Not Transfer to CSU/UC

24 Hours Lecture, 48 Hours Outside Class Work: 72 Total Student Learning Hours

Scheduled: agency-request

II. Coding Information

Repeatability: Not repeatable

Open Entry/Open Exit: NA

Grading Option: Graded

Credit Type: Credit – Degree Applicable

TOP Code: 2133.00

III. Course Objectives

A. Course Student Learning Outcomes

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

1. Describe the process for Check-in, inspection, and lead a dozer to complete a specific given task while on an incident.
2. Given a description of a tactical assignment, the dozer type, the operator, and production tables available in the Fireline Handbook, determine the capabilities and limitations of that dozer and operator to perform the assignment.

B. Course Objectives

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

1. Describe the responsibilities of the dozer boss, the logistics section, the finance/administration section, and the operations section in regards to dozer contracting and use.
2. Identify the specific tasks of the dozer boss in regard to inspection and sign-up of equipment.
3. Given a description of several tactical situations:
 - a. Describe the location for a safe and effective dozer line
 - b. Describe actions required to construct dozer line
 - c. Identify hazards associated with dozer line construction
 - d. Locate safety zones and describe the specifications required for their construction.
 - e. Identify environmental problems that dozer operations and dozer lines may cause, and describe measures to reduce these problems.

4. Identify situations when the dozer boss must inform his/her supervisor, and list the information required that is relevant to those situations.
5. Demonstrate skills/knowledge required to perform the task of a Dozer Boss (PMS – 311-13)
6. Identify dangers and expectations connected with employment as a Dozer Boss.
7. Identify “Department Policy”

IV. Course Content

- A. Dozer Boss Responsibilities – Logistics, Finance and Operations
- B. Dozer Boss Responsibilities – Equipment Sign-up
- C. Operator Information
- D. Capabilities and Limitations
- E. Walk Around Inspections
- F. Situation Analysis Exercises
- G. Initial Attach Simulations
- H. Ten Standard Firefighting Orders (Eighteen Situations)
- I. Standards for Survival
- J. Communications

V. Assignments

- A. Appropriate Readings**
Assigned text and handout material.
- B. Writing Assignments**
Completion of assigned materials, short papers and in-class projects.
- C. Expected Outside Assignments**
Research and assigned class projects as required.
- D. Specific Assignments that Demonstrate Critical Thinking**
The student will be required to examine critique and review critical areas of each topic, pass quizzes and exams and complete any assigned projects.

VI. Methods of Evaluation

Traditional Evaluation
Quizzes, exams and assigned projects

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:

S-232 Student Workbook, NWCG, 2013, NEES 2854

IX. Discipline/s Assignment

Fire Technology

X. Course Status

Course Status: Active

Original Approval Date: March 5, 2001

Revised By: Dab Weaver

Curriculum/Academic Standards Committee Revision Date: 10/04/2022