

COCONINO COMMUNITY COLLEGE

COURSE OUTLINE

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Status: Permanent

Date: January 6, 1997
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A. Identification:

1. Subject Area: Fire Science
2. Course Number: FSC 253
3. Course Title: ADVANCED WILDLAND FIRE SUPPRESSION
4. Credit Hrs: 4
5. Catalog Description:

Designed to train qualified squad bosses in firing techniques and firing devices along with advanced training in the incident command system. Covers materials from P-110, S-215, S-234. Prerequisite: FSC 233 and FSC 243, or consent of instructor. Four lecture.

B. Course Goals:

To train suppression personnel in firing techniques and devices along with an increased knowledge in the incident command system.

C. Course Outcomes:

Students will:

1. Discuss how preparing for and responding to interface fires is a shared responsibility.
2. Describe the human and environmental factors in the interface that affect critical decision making and require situational awareness for firefighter safety.
3. Identify the value of the ICS system as an effective tool to manage interface fires.
4. Discuss the importance of knowing your agency policy relating to interface fires.
5. Describe the roles and responsibilities of the Single Resource Boss-Firing/Prescribed Fire Ignition Specialist.
6. Identify resources needed to successfully conduct an ignition operation for a wildland fire or prescribed fire.
7. Develop an ignition plan demonstrating the knowledge of fire behavior, firing techniques, holding, and hazards.
8. Given a scenario, implement an ignition operation with emphasis on safety, coordination, communications, and evaluation.

D. Course Content:

Will include:

Will include items identified by the National Interagency Fire Center (NIFC) from courses: P-110, S-215, and S-234 in addition to field activity days.