

COCONINO COMMUNITY COLLEGE

COURSE OUTLINE

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Status: Permanent

Date: January 6, 1997
Fall 2018

A. Identification:

1. Subject Area: Fire Science
2. Course Number: FSC 243
3. Course Title: Wildland Fire Chain Saws (S-212)
4. Credit Hrs: 4
5. Catalog Description:

Instructor led course that provides introduction to the function, maintenance and use of internal combustion engine powered chain saws, and their tactical wildland fire application. Includes field exercise(s) that support entry level training for fire fighters with little to no previous experience in operating a chain saw, providing hands-on cutting experience in surroundings similar to fireline situations. Prerequisite FSC 233 or Instructor consent. Four Lecture

B. Course Goals:

Meet the initial classroom and field requirement training for Wildland Fire Chain Saws S-212 as prescribed by the National Wildfire Coordinating Group (NWCG). Students will have the basic skills to safely use chain saws required by NWCG member agencies.

C. Course Outcomes:

Students will be able to:

1. Define and apply chain saw safety standards as required by Occupational Safety and Health Agency (OSHA) and agency handbooks, manuals, directives, and owner's manual.
2. Identify and demonstrate basic chain saw operation, troubleshooting, maintenance, and safety features.
3. Demonstrate the tactical application of chain saws in fireline construction and mop-up operations.

D. Course Assessment:

Assessment tools include written cognitive test and skills practicum as approved by the National Wildfire Coordinating Group (NWCG) for S-212.

E. Course Content:

Will Include:

Items identified by the National Wildfire Coordinating Group (NWCG) from course: S-212 including field exercise(s).