

Clackamas Community College

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Section #1 General Course Information**Department:** WAFE

Submitter

First Name: Jeff

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Course Prefix and Number: FRP - 212**# Credits:** 2

Contact hours

Lecture (# of hours):

Lec/lab (# of hours): 40

Lab (# of hours):

Total course hours: 40

For each credit, the student will be expected to spend, on average, 3 hours per week in combination of in-class and out-of-class activity.

Course Title: Wildfire Power Saws (S-212)

Course Description:

This course introduces the function, maintenance and use of internal combustion engine powered chain saws in wildland firefighting operations.

Type of Course: Career Technical Preparatory

Is this class challengeable?

Yes

Can this course be repeated for credit in a degree?

No

Is general education certification being sought at this time?

No

Does this course map to any general education outcome(s)?

No

Is this course part of an AAS or related certificate of completion?

Yes

Name of degree(s) and/or certificate(s): AAS.FSWildland

Are there prerequisites to this course?

Yes

Pre-reqs: FRP-130, FRP-250

Have you consulted with the appropriate chair if the pre-req is in another program?

Yes (A 'Yes' certifies you have talked with the chair and have received approval.)*

Are there corequisites to this course?

No

Are there any requirements or recommendations for students taken this course?

Yes

Recommendations: None

Requirements: Adequate footwear will be required for the field exercises. Adequate footwear includes a boot or hiking style boot with a minimum of an 8 inch upper (measured from the bottom of the heel to the top of the shoe/boot). A traction type (non-slip) tread is also required. The boot may either lace up or zip up. Students must be at least 18 years of age. Requirement: Instructor Consent

Are there similar courses existing in other programs or disciplines at CCC?

No

Will this class use library resources?

Yes

Have you talked with a librarian regarding that impact?

No

Is there any other potential impact on another department?

No

Does this course belong on the Related Instruction list?

No

GRADING METHOD:

A-F or Pass/No Pass

Audit: Yes

When do you plan to offer this course?

✓ **Not every term**

Is this course equivalent to another?

If yes, they must have the same description and outcomes.

No

Will this course appear in the college catalog?

Yes

Will this course appear in the schedule?

Yes

Student Learning Outcomes:

Upon successful completion of this course, students should be able to:

1. define and apply chain saw safety standards as required by Occupational Safety and Health Administration (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 wildland fire line construction and mop up operations.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Wildfire power saw components.
2. Felling and limbing techniques for trees, brush, and downed logs.
3. Chain saw safety.
4. Chain saw maintenance.
5. Safe and effective use of a chain saw.
6. Field exercises.

Does the content of this class relate to job skills in any of the following areas:

- | | |
|--------------------------------------|------------|
| 1. Increased energy efficiency | No |
| 2. Produce renewable energy | No |
| 3. Prevent environmental degradation | No |
| 4. Clean up natural environment | Yes |
| 5. Supports green services | No |

Percent of course: 5%

First term to be offered:

Next available term after approval

:
