

Clackamas Community College

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Section #1 General Course Information**Department:** Education, Human Services and Criminal Justice**Submitter**

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Course Prefix and Number: FRP - 212**# Credits:** 3**Contact hours**

Lecture (# of hours): 36

Lec/lab (# of hours):

Lab (# of hours):

Total course hours: 36

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 courses provides the introduction to the function, maintenance and use of internal combustion engine powered chain saws. Students will be instructed on and demonstrate the safe use of chain saws in wildland fire fighting operations. During field exercises the students will demonstrate and apply the proper techniques for chain saw operation, identify the use of proper personal protective equipment, demonstrate how to inspect and maintain a chain saw, demonstrate proper cutting techniques for trees and brush and discuss and apply proper hazard recognition techniques prior to and during cutting 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): Fire Science (Wildland) Certificate

Are there prerequisites to this course?

Yes

Pre-reqs: FRP-130

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.

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 OSHA (Occupational Health and Safety Administration) and agency handbooks, manuals, directives and owner' 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 down 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

:
