

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 - 205**# Credits:** 3**Contact hours**

Lecture (# of hours): 33

Lec/lab (# of hours):

Lab (# of hours):

Total course hours: 33

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: Forest Management Assessments & Inventories**Course Description:**

Provides forest technicians, wildland firefighters and other natural resource employees the ability to conduct various forest management and recreation management assessments and inventories. The students will gain the ability to gather data for making forest management and decisions.

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; Basic Forest Management Certificate

Are there prerequisites to this course?

Yes

Pre-reqs: FRP-101, FRP-102

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: FRP-201

Requirements: None

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. demonstrate skills necessary to conduct various forest management assessments and inventories,
2. apply the timber cruising method to assess timber for production,
3. assess logging corridor profiles and riparian management areas,
4. determine road grade and cross sections,
5. identify fuel transects, tree selection and marking techniques,
6. identify tree planting, stocking levels and tree damage assessment techniques,
7. determine Wildland Urban Interface home defensible space considerations,
8. identify appropriate recreational area and trail safety and maintenance standards.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Fixed plot and variable plot timber cruises.
2. Logging corridor profiles.
3. Riparian management area assessments.

4. Road grade layout and cross sections.
5. Fuel transects and estimation of fuel loading.
6. Tree selection and marking.
7. Tree planting inspections.
8. Stocking levels and tree damage assessments.
9. Home defensible space assessments.
10. Recreation area and trail safety and maintenance assessments.

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 | No |
| 5. Supports green services | No |

Percent of course: 0%

First term to be offered:

Next available term after approval

:
