

Clackamas Community College

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Section #1 General Course Information

Department: WAFE

Submitter

First Name: Jeff

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Email: jeff.ennenga

Course Prefix and Number: FRP - 245

Credits: 2

Contact hours

Lecture (# of hours): 22

Lec/lab (# of hours):

Lab (# of hours):

Total course hours: 22

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: Wilderness III: Weather of the Northwest

Course Description:

This course covers the basics of weather forecasting, especially as it relates to the weather of the Northwest.

Type of Course: Career Technical Preparatory

Is this class challengeable?

No

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](#), [CC.FSWildland](#), [CC.Wilderness Survival/Leadership](#)

Are there prerequisites to this course?

No

Are there corequisites to this course?

No

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

No

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

No

Will this class use library resources?

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. Describe the basic methods used to make short term predictions of weather;
2. Recognize factors that affect changes in weather (especially cloud formation, barometric pressure and wind changes);
3. Operate portable weather forecasting tools.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Cloud formations.
2. Wind chill.
3. Heat index.
4. Snow levels.
5. Significant elevations.
6. Wind scale.
7. Portable weather forecasting kits.
8. Tsunamis.
9. Storm watch.

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

:

