

**Clackamas Community College**

## Online Course/Outline Submission System

 Show changes since last approval in red

Print

Edit

Delete

Back

Reject

Publish

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

Submitter

First Name: Jeff

Last Name: Ennenga

Phone: 3539

Email: jeff.ennenga

**Course Prefix and Number:** FRP - 244**# 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:** Wilderness II: Basic Land Navigation (S-244)

Course Description:

Students will learn how to make and document field observations, how to produce hand drawn and GPS field maps, and how to navigate using a map, compass, and GPS.

**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.FireForest, CCFireFight,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. Interpret features on topographic maps.
2. Explain land descriptions as well as distance and direction.
4. collect and interpret maps and document field observations.
5. navigate a course to a given location utilizing a map, compass, GPS and "smart" device.

---

***This course does not include assessable General Education outcomes.***

---

**Major Topic Outline:**

1. Purpose of maps,
2. Classification of maps,
3. Map legend,
4. Grid location system,
5. Rectangular land description system,
6. Determining size of area,
7. Topographic relief,
8. Determining Slope,
9. Determining distance,
10. Compass components and taking a bearing.

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

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

Percent of course: 0%

**First term to be offered:**

**Next available term after approval**

:

---