

Clackamas Community College

Online Course/Outline Submission System

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Section #1 General Course Information

Department: Education, Human Services and Criminal Justice

Submitter

First Name: Marc

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Course Prefix and Number: FRP - 270

Credits: 2

Contact hours

Lecture (# of hours): 20

Lec/lab (# of hours):

Lab (# of hours):

Total course hours: 20

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: Basic Air Operations (S-270)

Course Description:

The course introduces students to basic air operations, including different types of aircraft used in wildland firefighting operations. The course provides the students with a basic knowledge of aircraft mission planning, aircraft use risk management, aircraft safety and aircraft communications

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?

No

Are there corequisites to this course?

No

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

Yes

Recommendations: Recommended successful completion of FRP-130 Introduction to Wildland Firefighting prior to attending this course.

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. identify various aircraft types used in wildland fire operations,
2. demonstrate basic safety considerations in and around all types of aircraft,
3. discuss tactical and logistical uses of aircraft in wildland fire operations,
4. list and describe aviation regulations and procedures relating to wildland fire operations,
5. summarize aviation management policy specific to wildland fire operations,
6. evaluate helicopter landing areas for wildland fire operations.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Aircraft types and capabilities.
2. Aviation management and safety.
3. Aircraft missions.
4. Helicopter landing areas.
5. Helicopter training at fairways airstrip.
6. Safety in and around aircraft.
7. Loading techniques (personnel and equipment).
8. Firefighting water bucket orientation for helicopter operations.

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

:
