

## 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 - 236

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**# 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.

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**Course Title:** Heavy Equipment Boss (S-236)

**Course Description:**

Provides the student will the basic knowledge to perform the administrative tasks, equipment inspection procedures, safety procedures, communications procedures and preparation of heavy equipment used in wildland firefighting and all hazard type non-fire incident response.

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**Type of Course:** Career Technical Preparatory

**Reason for the new course:**

Updated curriculum from NWCG,(National Wildfire Coordination Group, wildland fire course curriculum).

**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):** Elective to the Wildland Firefighting 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?

**No**

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 the administrative duties and procedures required of the HEQB(Heavy Equipment Boss),
2. identify and demonstrate the heavy equipment inspection process and related duties of the HEQB,
3. demonstrate the actions required of a heavy equipment boss to safely and effectively complete an assignment,
4. discuss the relevant information and methods for communications and tactics related to heavy equipment,
5. identify the process of preparing for an all hazard non-fire incident assignment.

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

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**Major Topic Outline:**

1. Inspection forms and equipment time keeping records.
2. Inspection procedures.
3. Heavy equipment types.
3. Tactical use of heavy equipment on wildland fires.
4. Tactical use of heavy equipment on all hazard incidents, non-fire incidents.
4. Safe use of heavy equipment.

**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 **No**

5. Supports green services **No**

Percent of course: 0%

First term to be offered:

**Specify term:** Fall 2015

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