

**Clackamas Community College**

## Online Course/Outline Submission System

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ERM-111 Flagging - Work Zone Protection

General education certified:  Yes  **No**

- Writing
- Oral Communication
- Arts and Letters
- Science & Computer Science
- Mathematics
- Social Science
- Cultural Literacy
- Health & Physical Education

 Approved Date (mm/dd/yyyy):  /  / **Section #1 General Course Information****Department:** Energy & Utility Resource Management Department**Submitter**

First Name: Shelly

Last Name: Tracy

Phone: 0945

Email: shellyt

**Course Prefix and Number:** ERM - 111**# Credits:** 1**Contact hours**

Lecture (# of hours): 10

Lec/lab (# of hours):

Lab (# of hours):

Total course hours: 10

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:** Flagging - Work Zone Protection

**Course Description:**

The primary function of temporary traffic control is to provide safe and efficient movement of road users through or around work zones while protecting workers and emergency response personnel. Flagger training requires a course of instruction in the following topics: Fundamental Principles, The Four Parts of Temporary Traffic Control Zones, Main Traffic Control Devices, Location/Spacing of Devices and Flagging Principles. Students must be 18 or older to register.

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**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):** Utility Workforce Readiness Pathway Certificate, Utility Trade Preparation: Line Worker Pathway Certificate, Utility Field Technician Pathway Certificate and Occupational Health & Safety Pathway 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:** None**Requirements:** Instructor consent

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: No**

When do you plan to offer this course?

**✓ Winter**

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. receive and communicate specific instructions clearly, firmly and courteously;
2. move and maneuver quickly in order to avoid danger from errant vehicles,
3. control signaling devices (such as STOP/SLOW paddles) in order to provide a clear and positive guidance to drivers approaching a temporary traffic control zone in frequently changing situations;
4. apply safe traffic control practices in stressful or emergency situations,
5. recognize dangerous traffic situations and workers in sufficient time to avoid injury,
6. name traffic control devices: cones, signs, barricades, arrow panels and portable changeable message signs (PCMS);
7. describe flagging principles: qualifications, clothing, tools, positions, use of hand signaling devices and pilot car operations.

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

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**Major Topic Outline:**

1. The importance of communication.
2. Control signaling/traffic control devices.
3. Safe traffic control practices.
4. Flagging principles, qualifications and operations.

**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**

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