

## Clackamas Community College

### Online Course/Outline Submission System

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#### Section #1 General Course Information

**Department:** WAFE

##### Submitter

First Name: Shelly

Last Name: Tracy

Phone: 0945

Email: shellyt

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**Course Prefix and Number:** EM - 116

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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:** Modular Emergency Radiological Response Transportation Training (MERRTT)

##### Course Description:

The use of radioactive material in agriculture, industry, and medicine continues to increase, and with it the need for familiarity with handling incidents involving radioactive materials. This course will give students the knowledge necessary to be an effective responder to any emergency situation involving these materials.

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**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):** Emergency Management AAS

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: No**

When do you plan to offer this course?

**Summer**

**Fall**

✓ **Winter**

✓ **Spring**

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?

**No**

Will this course appear in the schedule?

**No**

**Student Learning Outcomes:**

Upon successful completion of this course, students should be able to:

1. use professional terminology to describe radiological hazards,
2. recognize radiological issues in transportation of radioactive materials,
3. identify hazard recognition markings, labels, and placards;
4. initiate radiation detection and radiological decontamination procedures.

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

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**Major Topic Outline:**

1. radiological basics.
2. biological effects of radioactive materials.
3. hazard recognition.
4. initial response actions.
5. on-scene patient handling.
6. radiological terminology and units.
7. radiation detection instrumentation.
8. radiological decontamination.

**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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