

**Clackamas Community College**

## Online Course/Outline Submission System

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**Section #1 General Course Information****Department:**Education, Human Services & Criminal Justice**Submitter**

First Name: Yvonne

Last Name: Smith

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**Course Prefix and Number:**EM - 122

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**# 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.

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**Course Title:**Radiological Emergency Management**Course Description:**

Course is intended to provide members of the general public with an overview of several types of radiological emergencies: radiological transportation accidents, nuclear power plant accidents, nuclear terrorism threat, and other radiological hazards.

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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:**

Pass/No Pass Only

**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?

**No**

Will this course appear in the schedule?

**No**

Student Learning Outcomes:

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

1. explain fundamental principles of radioactivity,
2. describe the biological effects of radiation on individuals,
3. discuss the Radiological Protection System,
4. list types of radiological material shipments and their associated packaging,
5. identify on-scene response actions for the general public.

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

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Major Topic Outline:

1. Fundamental principles and concepts of radiation.
2. Radiological transportation accidents.
3. Nuclear power plant accidents.
4. Nuclear threat and protective measures.
5. Nuclear threat/other radiological hazards.

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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