

**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**Phone: **3207**Email: **yvones**

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**Course Prefix and Number:**EM - 136

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**# Credits:**3**Contact hours**

Lecture (# of hours): 30

Lec/lab (# of hours):

Lab (# of hours):

Total course hours: 30

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:**Hazardous Materials Contingency Planning**Course Description:**

This course is for emergency management personnel responsible for hazardous materials planning and coordination. It covers emergencies including transportation, use, storage, and disposal of hazardous materials, and episodic releases of air-toxic chemicals from fixed-site facilities. Emphasis is placed on interagency cooperation and the identification of technical assistance that is available.

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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. develop, revise and maintain viable hazardous materials plans and support systems,
2. conduct a hazard analysis for hazardous materials,
3. conduct hazardous materials exercises to train personnel and further refine and revise the plan,
4. facilitate community awareness of the varied issues associated with hazardous materials.

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

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**Major Topic Outline:**

1. Planning and response mechanisms at federal, state and local levels.
2. Tactical requirements for hazardous materials response.
3. Hazardous materials characteristics.
4. Regulatory compliance.
5. Developing contingency plans.
6. Completing contingency exercises.

**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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