

Clackamas Community College

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Section #1 General Course Information

Department: WAFE

Submitter

First Name: Shelly

Last Name: Tracy

Phone: 0945

Email: shellyt

Course Prefix and Number: EM - 123

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: Hazardous Materials Orientation

Course Description:

This course is intended to provide a general introduction to hazardous materials that is designed for students new to the field of hazardous materials. This course is intended to serve as a foundation for more specific studies in the future.

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 the roles of Federal, State, Tribal and local governments in reducing hazardous materials risks through Health and Environmental Regulations;
2. discuss the two major hazardous materials identification systems used within the United States,
3. identify possible terrorist's targets of opportunities in the use of toxic industrial chemicals(TIC) as Weapons of Mass Destruction(WMD),
4. identify locations where hazardous materials are commonly found and how to determine their potential health effects,
5. describe basic terms that pertain to exposures to hazardous materials,
6. read and interpret a materials safety data sheet(MSDS),
7. explain how hazardous materials enter the body and contaminate the environment,
8. identify steps individuals and communities can take to protect themselves during a hazardous materials release.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Hazardous materials and human health.
2. Hazardous materials regulation.
3. Identifying hazardous materials.
4. Preparing for hazardous materials incidents.

Does the content of this class relate to job skills in any of the following areas:

- | | |
|--------------------------------------|-----------|
| 1. Increased energy efficiency | No |
| 2. Produce renewable energy | No |
| 3. Prevent environmental degradation | No |
| 4. Clean up natural environment | No |
| 5. Supports green services | No |

Percent of course: 0%

First term to be offered:

Next available term after approval

:
