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
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Course Prefix and Number: EM - 167

 # Credits: 1

Contact hours

Lecture (# of hours):
Lec/lab (# of hours): 20
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.

Course Title: COBRA/Weapons of Mass Destruction Hazardous Materials Technician

Course Description:

This course provides State Certified Hazardous Materials Technicians an in-depth view of international/domestic terrorism/threats posed to the USA in the future, examining advanced chemical toxicology associated with industrial/military/chemical biological warfare, nuclear and radiological materials. Course includes hands-on training in Weapons of Mass Destruction (WMD) Hazardous Materials Technician offensive operations in a toxic agent environment.

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?

Yes

Pre-reqs: Proof of State Hazardous Materials Technician Certification

Have you consulted with the appropriate chair if the pre-req is in another program?

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?

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:

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. demonstrate an understanding of classification, identification and verification of known and unknown WMD hazardous materials using WMD advanced survey and monitoring equipment,
2. explain the selection and use of proper specialized chemical personal protective equipment (PPE) particular to the WMD Hazardous Materials Specialist,
3. examine hazard and risk techniques, determine and implement decontamination procedures;
4. develop a site safety and control plan,
5. demonstrate an understanding of advanced chemical, biological and radiological toxicological terminology, effects and behaviors.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Recent terrorist activity in the USA, its interests and global citizens.
2. WMD chemical toxicology – industrial chemical and WMD chemical warfare agents.
3. WMD biological and radiological materials toxicology.
4. WMD Hazardous Materials Technician Lanes training exercises.
5. WMD Hazardous Materials Technician Field Training exercises.
6. WMD Hazardous Materials Technician Evaluation exercises.
7. WMD Chemical training facility practical exercises.

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

: