

**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

**Course Prefix and Number:**EM - 140**# 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:**Debris Management**Course Description:**

Course provides local, state and federal emergency personnel with an overview of issues and recommended actions necessary to plan for, respond to, and recover from a major debris-generating event.

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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?

- 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 will be able to:

1. describe how federal assistance is authorized by the Stafford Disaster Relief and Emergency Assistance Act,
2. describe the Disaster Declaration process, Federal Response Plan, funding criteria for debris management;
3. list the five major debris generating natural disasters, debris management cycle phases and elements of a debris management plan;
4. identify necessary life-saving actions, assess the magnitude of damage, and determine what additional resources are required immediately following a major debris generating event;
5. create a draft debris management plan outline.

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

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**Major Topic Outline:**

1. Federal assistance overview for debris management.
2. Creating debris management plans.
3. Debris staff organization and responsibilities.
4. Temporary site evaluation criteria.
5. Debris estimating techniques.
6. Removal operations and temporary storage.
7. Volume reduction methods.

**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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