

Clackamas Community College

Online Course/Outline Submission System

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Section #1 General Course Information**Department:** WAFE**Submitter**

First Name: Shelly

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Course Prefix and Number: EM - 124**# 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: Earthquakes of Tomorrow**Course Description:**

Course is designed to provide the student with the tools, information and planning guidance to effectively deal with and prepare for the implementation of Executive Order (EO) 12699 which deals with the reduction of seismic risk. The purpose of this course is to provide individuals in State and local governments, and the building and financial industries, with information about the requirements of the Executive Order and how they will be implemented. The course is also intended to provide the student with basic knowledge about earthquakes and how buildings can be built to be safe during an earthquake.

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. describe the intent and implication of the Executive Order (EO) and the consequences of non-compliance,
2. identify how the EO will affect the built environment,
3. discuss the theory and practice of the EO, hazard mitigation, and the need/rationale for including seismic provisions in building codes;
4. compare EO standards and local codes to determine substantive differences and deficiencies,
5. develop a plan of action to achieve compliance if local codes do not comply with the EO.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Executive order 12699.
2. Earthquake causes and characteristics.
3. Earthquake effects.
4. Protecting the community.
5. Evaluating the community's safety.

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

:
