

Clackamas Community College
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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 - 171

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: Residential Coastal Construction

Course Description:

This course introduces basic information about residential coastal construction, and identifies best practices for improving the quality of construction and reducing the economic losses associated with coastal disasters.

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?

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. describe lessons learned from coastal flood disasters,
2. identify how Federal, State, and local regulations and building codes help reduce coastal damage;
3. interpret basic NFIP map information,
4. describe how coastal hazards – individually or together – can damage coastal residential structures,
5. identify sources of information that should be consulted before making siting decisions and describe recommended practices of building siting,
6. identify the benefit and cost implications of siting, design, and construction decisions.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Historical perspectives on coastal flooding.
2. Impact of Coastal environments on construction.
3. Fundamentals of evaluating flood risk.
4. Identifying and evaluating site alternatives.
5. Investigating regulatory requirements.
6. Identifying hazards and siting.
7. Financial and insurance implications.

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

:

