

**Clackamas Community College**  
Online Course/Outline Submission System

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

First Name: Renee

Last Name: Harber

Phone: 3294

Email: rharber

**Course Prefix and Number:**HOR - 126**# 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.

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**Course Title:**Landscape Water Features**Course Description:**

Methods used in building water features with emphasis placed on design, material selection, construction and maintenance considerations. Class includes a lab component.

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**Type of Course:**Career Technical Preparatory**Reason for the new course:**

Landscape program revision.

**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):**Horticulture AAS, Landscape AAS & Certificate

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:

A-F or Pass/No Pass

**Audit:Yes**

When do you plan to offer this course?

**✓ Spring**

**✓ Not every year**

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?

**Yes**

Will this course appear in the schedule?

**Yes**

**Student Learning Outcomes:**

Upon successful completion of this course, students should be able to:

1. design and select appropriate materials for pond and fountain installations,
2. demonstrate proper techniques for building and maintaining ponds and fountains,
3. demonstrate how to estimate material and labor costs for water feature installations.

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

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**Major Topic Outline:**

1. Design considerations.
2. Material selection.
3. Construction techniques.
4. Maintenance.
5. Costing out projects.

**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>Yes</b> |
| 4. Clean up natural environment      | <b>No</b>  |
| 5. Supports green services           | <b>No</b>  |

Percent of course:10%

**First term to be offered:**

**Specify term:** Spring 2015

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