Clackamas Community College

Online Course/Outline Submission System

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Section #1 General Course Information

Department: Horticulture

Submitter

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Course Prefix and Number: HOR - 143

 # Credits: 2

Contact hours

Lecture (# of hours): 11
Lec/lab (# of hours):
Lab (# of hours):   33
Total course hours: 44

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: Horticulture Practicum/Spring

Course Description:

Practical experience with seasonal horticulture activities in the areas of container and field nurseries, greenhouses and landscape management. Class includes a lab component.

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): Horticulture AAS & Certificate, Landscape 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:

A-F or Pass/No Pass

Audit:Yes

When do you plan to offer this course?

✓ **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?

Yes

Will this course appear in the schedule?

Yes

Student Learning Outcomes:

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

1. demonstrate skills in the efficient use of horticultural tools and equipment and the proper maintenance of these tools,
2. demonstrate safe use of personal protective equipment when working with tools and power equipment,
3. demonstrate skills in industry-standard landscaping and nursery practices for spring,
4. demonstrate skills for growing on plants in the greenhouse environment, and preparing them for market;
5. describe seasonal nursery and landscape activities required to maintain healthy plants,
6. plan, organize and implement a landscape or greenhouse project, keep records, and evaluate the outcome.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Power Equipment.
a. Types of equipment used in the greenhouse, nursery and landscape.
b. Safe operation of power equipment in the greenhouse, nursery and landscape.
2. Nursery/Greenhouse.
a. Reasons and methods for efficient transplanting.
b. Monitoring greenhouse temperatures.
c. Bedding plant crop production.
d. Preparing plants for market.
e. Crop records.
f. Propagation of bedding plants from seed.
g. Fertilization needs for containerized plants.
3. Landscape Practices.
a. Pruning trees and shrubs.
b. Herbaceous perennial ID.
c. Fertilization and soil pH adjustment.
d. Soil amending materials.
e. Use and benefits of mulch.
f. Landscape installation.
g. Landscape maintenance/materials.
h. Turf mowing and edging.
4. Project Management and Teamwork.
a. Project planning.
b. Identify and prioritize tasks.
c. Estimate labor hours.
d. Supervise the project.
e. Keep records and assess project.

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 **Yes**
4. Clean up natural environment   **Yes**
5. Supports green services   **No**

Percent of course:20%

First term to be offered:

Specify term: Spring 2015