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 - 131

 # Credits: 3

Contact hours

Lecture (# of hours): 22
Lec/lab (# of hours): 22
Lab (# of hours):
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: Tree & Shrub Pruning

Course Description:

Emphasis on dormant pruning of fruiting and ornamental plants. Pruning and training techniques for grapes, fruit trees, and both evergreen and deciduous ornamental trees and shrubs. Basic woody plant anatomy, growth and development. 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 & 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?

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:

A-F or Pass/No Pass

Audit: Yes

When do you plan to offer this course?

✓ **Winter**

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. analyze woody plant growth and develop pruning plans for individual plants;
2. define woody plant anatomy and its relationship to pruning;
3. describe plant growth following pruning;
4. demonstrate safe pruning practices, tool use and tool care;
5. demonstrate proper pruning techniques for woody shrubs and small trees;
6. demonstrate how to prune woody fruit producing plants.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Pruning and Training Objectives and Methods.
a. Pruning tool selection and use - hand and power tools.
b. Woody plant anatomy, growth, and development.
c. Evaluating plant growth and predicting growth responses to pruning.
d. Basic practices heading back, thinning out.
d1. Using spreaders and other mechanical training aids.
d2. Large limb removal.
2. Specific Pruning Objectives and Practices.
a. Tree training, corrective pruning and pruning practices.
b. Plants grown for foliage only, deciduous, evergreen, determinate, and indeterminate.
c. The major groups of woody fruit plants.
c1. Apple/pear.
c2. Peach/plum.
c3. Other fruit bearing plants.

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:

Specify term:　Winter 2018