

Clackamas Community College

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

First Name: Renee

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Email: rharber

Course Prefix and Number:HOR - 246**# Credits:**3**Contact hours**

Lecture (# of hours): 33

Lec/lab (# of hours):

Lab (# of hours): 11

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:Organic Farming and Gardening**Course Description:**

Overview of the fundamental principles and practices of organic fruit and vegetable production in the Pacific Northwest. 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, Urban Agriculture

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. explain various cover cropping systems available for use,
2. describe the fundamentals of the composting process as used for organic farms and gardens,
3. list the range of organic pest control measures available for use,
4. list key components of the National Organic Program as applicable to a specific organic crop,
5. demonstrate how and why specific mulches are used in organic production,
6. describe the advantages and disadvantages of the different organic amendments and fertilizers acceptable for use under the National Organic Program,
7. examine the hows and whys of soil building available for use under the National Organic program.
8. name key historical figures in the development of current organic growing practices,
9. develop an annual planting calendar that allows for harvesting various crops throughout the entire year,
10. list the general features of a Community Supported Agriculture operation.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Composting.
2. CSA's.
3. History of organic crop growing.
4. Intercropping.
5. Organic certification standards.
6. Soil building.
7. Utilize approved organic pest control measures.
8. Vegetable planting / harvest scheduling.

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 | Yes |

Percent of course:100%

First term to be offered:

Specify term: Spring 2014
