

# Clackamas Community College

## Online Course/Outline Submission System

Show changes since last approval in red

HOR-246 Organic Farming and Gardening

General education certified:  Yes  No

- Writing
- Oral Communication
- Arts and Letters
- Science & Computer Science
- Mathematics
- Social Science
- Cultural Literacy
- Health & Physical Education

---

Approved Date (mm/dd/yyyy):  /  /

### Section #1 General Course Information

**Department:** Horticulture

**Submitter**

First Name: Renee

Last Name: Harber

Phone: 3294

Email: rharber

---

**Course Prefix and Number:** HOR - 246

---

**# Credits:** 2

**Contact hours**

Lecture (# of hours):

Lec/lab (# of hours): 44

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:** 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. Oregon State University transfer course.

---

**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, Landscape AAS, 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?

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?

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. 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.
9. Mulches.
10. Cover crops.

**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

---