

Clackamas Community College
Online Course/Outline Submission System

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Section #1 General Course Information

Department: Horticulture

Submitter

First Name: **April**

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Course Prefix and Number: HOR - 148

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: Farm Equipment

Course Description:

Identification and utilization of small-farm food crop production tools. Emphasis is on tools and techniques which result in high quality crops, efficient use of labor and capital resources, and protection of the natural environment. 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, Organic Farming 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?

✓ **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. select and demonstrate the use of specific tools in a safe and efficient manner;
2. use, evaluate, and repair tools used for small-farm cropping systems;
3. operate/use the following: tractor, tillers, mechanical seeders, shovels, hoes, hand weeders, rakes, plows, seeders, transplanters, harvesters, cultivators, and sprayers.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Campus farm site prep.
2. Hand tools.
3. Harvesting.
4. Mechanization.
5. Off the shelf and customized tools.
6. Pest control equipment.
7. Planting.
8. Regional, national and international sources of tools and equipment.
9. Seeders.
10. Site management considerations.
11. Weeding.
12. Environmental considerations.

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 | No |
| 5. Supports green services | Yes |

Percent of course: 20%

First term to be offered:

Specify term: Spring 2015
