

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 - 136**# Credits:** 3**Contact hours**

Lecture (# of hours): 11

Lec/lab (# of hours): 44

Lab (# of hours):

Total course hours: 55

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 Practicum / Winter**Course Description:**

Essential organic farming practices, including seasonal activities such as ground preparation, planning for crop production, and irrigation system design and management. Also covers farm business structures, financial management, recordkeeping, and marketing techniques. Field trips to area farms included. Class lecture, field trips, and lab are essential components of this course. This format has been selected to create a hands-on experience for each student in seasonal crop production. 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):** 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?

✓ 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.demonstrate skills in efficient use of small farm irrigation practices,
- 2.apply skills in ground preparation for small farms,
- 3.identify the various business structures available and choose the most appropriate to meet their business needs,
- 4.create and interpret balance sheets, cash flow, and enterprise budgets,
- 5.develop a useful seasonal crop plan targeting specific markets,
- 6.explain the necessity of farm recordkeeping and apply it to sample operations.

This course does not include assessable General Education outcomes.

Major Topic Outline:

Note: 11 hrs of Lecture occur in online format

- 1.Production skills
 - a.Ground preparation
 - b.Soil amendments and mixes
 - c.Tillage and double digging
 - d.Planning for production goals
 - e.Production plan creation and use
- 2.Irrigation Systems
 - a.Installation and management
 - b.Water-use efficiency and costs
 - c.Drip systems
 - d.Overhead systems
- 3.Business Management.
 - a.Business structure
 - b.Enterprise budgets
 - c.Balance sheets, cash flow budgets
 - d.Market research and communications
 - e.Niche marketing
- 4.Recordkeeping
 - a.Labor time and paying yourself
 - b.Market records

c.Future harvest forecasting

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: 50%

First term to be offered:

Specify term: Winter 2017
