

Clackamas Community College
Online Course/Outline Submission System

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

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Course Prefix and Number:HOR - 120**# Credits:**1**Contact hours**

Lecture (# of hours): 16
Lec/lab (# of hours):
Lab (# of hours):
Total course hours: 16

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:Pesticide Laws & Safety**Course Description:**

Plant protection methods for weed, insect or disease control. Laws and regulations related to safety, handling and storage of pesticides. Techniques for product selection, including chemical and non-chemical options, applicator safety and environmental protection included. Prepare and test for the Oregon Pesticide Laws & Safety exam.

Type of Course:Career Technical Preparatory**Reason for the new course:**

Landscape programs reviewed.

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, Urban Ag certif, Plant Health Care Career Pathway Certif.

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 proper pesticide application, storage, transportation and disposal;
2. describe the safety practices for handling, application and use of pesticides;
3. explain State and Federal laws, and record keeping requirements;
4. discuss chemical control methods for weed, disease and insect pests;
5. explain the components of Integrated Pest Management.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Label comprehension
2. Protective clothing and equipment
3. First aid and toxicity
4. Federal and State laws and regulations
5. State record keeping requirements
6. Integrated Pest Management (IPM)
7. Environmental considerations
 - a. Drift
 - b. Groundwater
 - c. Wildlife
 - d. Pesticide persistence
8. Pesticide transportation, storage and disposal
9. Chemical controls for weeds, diseases and insects
 - a. Types
 - b. Timing
 - c. Usage

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 2014
