

HORT 400C: PEST MANAGEMENT: WORKING WITH PESTICIDES

Foothill College Course Outline of Record

Heading	Value
Units:	0
Hours:	6 lecture per quarter (6 total per quarter) This course meets 1 time per quarter.
Degree & Credit Status:	Non-Degree-Applicable Non-Credit Course
Foothill GE:	Non-GE
Transferable:	None
Grade Type:	Non-Credit Course (Receives no Grade)
Repeatability:	Unlimited Repeatability

Student Learning Outcomes

- Read a pesticide label
- Select proper pesticide

Description

This course will address current topics in proper pesticide selection and handling. Topics will include reading and understanding a pesticide label, pesticide formulations and pesticide worker safety and use of personal protective equipment. This course may satisfy requirements for those students seeking continuing education for pesticide applicator licensure.

Course Objectives

The student will be able to:

- Read and comprehend a pesticide label.
- Understand and calculate pesticide formulations.
- Identify and use personal protective equipment.
- Reduce personal protective equipment violations.

Course Content

- Reading and comprehending a pesticide label.
 - Defining terms of pesticide labels.
 - Comprehending values and measurements on pesticide labels.
 - Understanding cautions on pesticide labels.
- Understanding and calculating pesticide formulations.
 - Defining pesticide delivery methods.
 - Calculating pesticide quantities.
- Identification and use of personal protective equipment.
 - Listing required personal protective equipment for pesticide application.
 - Describing proper use of personal protective equipment for pesticide application.
 - Demonstrating proper use of personal protective gear.
- Personal protective equipment violations.
 - Listing the most common violations of pesticide law regarding use of personal protective equipment.

- Identifying corresponding punishment for failure to follow law.
- Identifying individual responsible for verifying proper use of personal protective equipment when using pesticides.

Lab Content

Not applicable.

Special Facilities and/or Equipment

- Lecture room with multimedia video/audio equipment.
- Exterior area in which to observe garden pests.

Method(s) of Evaluation

- Written exams.
- Presentation on course topics.

Method(s) of Instruction

- Lecture from instructor.
- Lecture from guest speakers.
- Demonstrations of technical topics.
- Discussion with groups and students in class.
- Observation of participatory demonstrations.

Representative Text(s) and Other Materials

[California Department of Pesticide Regulations Laws and Regulations Study Guide](#). 2nd ed. Sacramento, CA: State of California, 2011.

This is a seminal document developed by the State of California and is required for licensure.

Types and/or Examples of Required Reading, Writing, and Outside of Class Assignments

- Reading 15-30 pages per week from assigned text.
- Reading handouts and website material.
- Web and library research.

Discipline(s)

Ornamental Horticulture