

# HORT A189: WEEDS AND THEIR CONTROL

Item	Value
Curriculum Committee Approval Date	12/08/2021
Top Code	010900 - Horticulture
Units	1.5 Total Units
Hours	45 Total Hours (Lecture Hours 18; Lab Hours 27)
Total Outside of Class Hours	0
Course Credit Status	Credit: Degree Applicable (D)
Material Fee	No
Basic Skills	Not Basic Skills (N)
Repeatable	No
Grading Policy	Standard Letter (S), • Pass/No Pass (B)

## Course Description

Recognition of landscape control of weeds in the landscape and in nurseries with emphasis on practical applications. Transfer Credit: CSU.

## Course Level Student Learning Outcome(s)

1. Identify common weeds of Southern California and describe various control methods available to them.
2. Recommend an appropriate herbicide application.

## Course Objectives

- 1. Classify various weeds.
- 2. Identify common weeds of the southern California landscape and nursery.
- 3. Describe the current herbicides available and their mode of action.
- 4. Safely apply herbicides.
- 5. Calibrate application equipment.
- 6. Describe how to control weeds in various landscape plantings and in nurseries.
- 7. Realize the importance of using "Integrated Pest Management" practices.

## Lecture Content

Classification of weeds Weed Life cycles Monocotyledons and dicotyledons Common weeds found in the southern California landscape Control of weeds in various landscapes features, turf, ground covers, shrubs and trees Survey of the different kinds of herbicides available, their mode of action and properties Equipment for herbicide application Calibration of equipment

## Lab Content

See Course Content.

## Method(s) of Instruction

- Lecture (02)
- Lab (04)

## Instructional Techniques

Lectures illustrated with slides, demonstrations by the instructor, and interaction between students and instructor during lab sessions before class, in office hours, and by E mail.

## Reading Assignments

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## Writing Assignments

Written exams.

## Out-of-class Assignments

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## Demonstration of Critical Thinking

Quizzes, examinations including essay component, weed collection

## Required Writing, Problem Solving, Skills Demonstration

Written exams.

## Textbooks Resources

1. Required Several Authors. Weeds of the West , 9th ed. Western Society of Weed Science , 0 Rationale: -

## Other Resources

1. Selected handout material relating to above subjects to be provided and distributed by the instructor.