

HORT A181: ORNAMENTAL TREES

Item	Value
Curriculum Committee Approval Date	11/13/2024
Top Code	010910 - Landscape Design and Maintenance
Units	3 Total Units
Hours	90 Total Hours (Lecture Hours 36; Lab Hours 54)
Total Outside of Class Hours	0
Course Credit Status	Credit: Degree Applicable (D)
Material Fee	No
Basic Skills	Not Basic Skills (N)
Repeatable	No
Open Entry/Open Exit	No
Grading Policy	Standard Letter (S), • Pass/No Pass (B)

Course Description

Identification, habits of growth, culture, propagation, and use of ornamental trees in landscape design for Southern California. Transfer Credit: CSU; UC: Credit Limitation: HORT A181 and HORT A182 combined: maximum credit, 1 course.

Course Level Student Learning Outcome(s)

1. Identify common ornamental trees of Southern California and correctly spell the botanical, common names, and families of those trees.
2. Discuss characteristics of common ornamental trees of Southern California and recommend an appropriate tree for a specific climactic condition.

Course Objectives

- 1. Identify the common trees of Southern California by field inspection.
- 2. Identify the common trees of Southern California from a leaf, flower or fruit sample.
- 3. Correctly spell the family, botanical name, common name and synonym of common trees of Southern California.
- 4. Identify common characteristics within a given family or genus.
- 5. Identify individual characteristics unique to specific species.
- 6. Recommend an appropriate tree to a given landscape situation.
- 7. Use appropriate terminology when referring to tree types and their parts.
- 8. Recognize both good and poor cultural practices relating to tree care.

Lecture Content

Horticultural terms Types of trees and their basic parts Climatic areas, tree hardiness and tolerances Deciduous Street and shade trees Broad leaved evergreen street and shade trees Narrow leaved evergreens

(conifers) Palms, tree ferns, and other tropicals Flowering trees Ornamental fruit trees Ornamental trees native to California Diseases and pests of trees Planting and transplanting trees Job opportunities

Lab Content

Horticultural terms Identify types of trees and their basic parts Identify Climatic areas, tree hardiness and tolerances Identify deciduous Street and shade trees Identify broad leaved evergreen street and shade trees Identify narrow leaved evergreens (conifers) Identify palms, tree ferns, and other tropicals Identify flowering trees Identify ornamental fruit trees Identify ornamental trees native to California Identify diseases and pests of trees Demonstrate planting and transplanting trees Job opportunities

Method(s) of Instruction

- Lecture (02)
- Lab (04)

Instructional Techniques

Lectures illustrated with powerpoint/slides and lab specimens Demonstrations by the instructor Observing specimens Interaction between students and instructor during lab sessions, before class, in office hours and by e-mail.

Reading Assignments

Reading of instructor handouts 2-3 hours per week

Writing Assignments

Written tests that include portions asking students to identify and explain common characteristics of ornamental trees. Students will be able to identify common ornamental trees both with lab specimens and personal contact with specimens.

Out-of-class Assignments

Reading of instructor handouts 2-3 hours per week

Demonstration of Critical Thinking

Practical exams, quizzes, essay

Required Writing, Problem Solving, Skills Demonstration

Written tests that include portions asking students to identify and explain common characteristics of ornamental trees. Students will be able to identify common ornamental trees both with lab specimens and personal contact with specimens.

Textbooks Resources

1. Required Brenzel, Kathleen Norris. Sunset Western Garden Book, ed. Menlo Park: Sunset Books, 2024