

HORT A182: ORNAMENTAL SHRUBS

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

Habits of growth, culture, propagation, and use in landscape design for Southern California. Identification will be emphasized. 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 shrubs of Southern California and correctly spell the botanical, common, and family name.
2. Discuss characteristics of common shrubs of Southern California and recommend an appropriate shrub for a specific landscape situation or climatic condition.

Course Objectives

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

Lecture Content

Ornamental shrubs: Landscape terminology Plant classification and identification References re ornamental shrubs Specific plant groups: Flowering shrubs, low maintenance shrubs, sound barrier plants, outdoor foliage shrubs, ferns, acid loving shrubs, bromeliads Cacti and succulents Native California shrubs Conifers and other evergreen

gymnosperms Bonsai plants Roses Ground covers and vines For each plant discussed in respective plant groups, the following will be emphasized: Common name, scientific name, and family Care and maintenance Landscape uses and faults

Lab Content

Ornamental shrubs: Landscape terminology Plant classification and identification References re ornamental shrubs Specific plant groups: Flowering shrubs, low maintenance shrubs, sound barrier plants, outdoor foliage shrubs, ferns, acid loving shrubs, bromeliads Cacti and succulents Native California shrubs Conifers and other evergreen gymnosperms Bonsai plants Roses Ground covers and vines For each plant discussed in respective plant groups, the following will be emphasized: Common name, scientific name, and family Care and maintenance Landscape uses and faults

Method(s) of Instruction

- Lecture (02)
- Lab (04)

Instructional Techniques

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

Reading Assignments

Reading assignments from instructor's handouts 2-3 hours per week

Writing Assignments

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

Out-of-class Assignments

Reading assignments from instructor's handouts 2-3 hours per week

Demonstration of Critical Thinking

Tests, written and practical; quizzes, essay

Required Writing, Problem Solving, Skills Demonstration

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

Eligible Disciplines

Agriculture: Master's degree in agriculture, agriculture science, education with a specialization in agriculture or other agricultural area (including agricultural business, agricultural engineering, agricultural mechanics, agronomy, animal science, enology, environmental (ornamental) horticulture, equine science, forestry, natural resources, plant science, pomology, soil science, viticulture, or other agriculture science) OR the equivalent. Master's degree required.

Textbooks Resources

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