

HORT A191: CACTI AND SUCCULENTS

Item	Value
Curriculum Committee Approval Date	11/13/2024
Top Code	010910 - Landscape Design and Maintenance
Units	1.5 Total Units
Hours	27 Total Hours (Lecture 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
Open Entry/Open Exit	No
Grading Policy	Standard Letter (S), • Pass/No Pass (B)

Course Description

How to use the plants from the deserts of the world in the Southern California landscape. Identification, growth habits, culture, propagation, design considerations, and conservation. Transfer Credit: CSU.

Course Level Student Learning Outcome(s)

1. Identify and cultivate cacti and succulents and incorporate them into an attractive landscape design.

Course Objectives

- 1. Recognize how cacti and succulents thrive in habitat.
- 2. Identify most commonly used cacti and succulents in the landscape.
- 3. Identify cultural requirements.
- 4. Recognize the use of Cacti and Succulents in the landscape.
- 5. Explain techniques of propagation for cacti and succulents.

Lecture Content

Natural history of cacti and succulents Evolution Ethnobotany
Conservation Identification Growth habits-forms Culture Propagation
Cacti and succulents in habitat Cacti and succulents in cultivation
Landscape design with cacti and succulents

Method(s) of Instruction

- Lecture (02)

Instructional Techniques

Illustrated lecture presentation and hands-on practical exercises.

Reading Assignments

Students will have .5 hour of assigned research reading weekly

Writing Assignments

Quizzes, writing Botanical and names of plants. Final exam consists of written answers to questions. Students will have 1 hour of assigned written exercises each week

Out-of-class Assignments

Students will have 2.5 hours of locating and identifying plants outside of the classroom

Demonstration of Critical Thinking

Weekly quizzes, final exam with written answer questions

Required Writing, Problem Solving, Skills Demonstration

Quizzes, writing Botanical and names of plants. Final exam consists of written answers to questions.

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.

Other Resources

1. Handouts to be provided and distributed by the instructor.