

# HORT A191: CACTI AND SUCCULENTS

Item	Value
Curriculum Committee Approval Date	12/08/2021
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
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.

## Other Resources

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