

SPED C077N: GARDENING BASICS

Item	Value
Curriculum Committee Approval Date	04/28/2017
Top Code	010900 - Horticulture
Units	0 Total Units
Hours	40 Total Hours (Lecture Hours 16; Lab Hours 24)
Total Outside of Class Hours	0
Course Credit Status	Noncredit (N)
Material Fee	No
Basic Skills	Not Basic Skills (N)
Repeatable	Yes; Repeat Limit 99
Grading Policy	P/NP/SP Non-Credit (D)

Course Description

This introductory horticulture course is designed for student gardeners interested in residential and commercial gardening careers. The best-care practices of regionally cultivated plant life will be covered, including the identification and care of garden vegetables and fruits; techniques for planning, creating, and sustaining traditional raised bed gardens; and the care and propagation of drought tolerant and ornamental flora. These skills will be integrated into both classroom lecture and lab experiences. Noncredit. NOT DEGREE APPLICABLE. Not transferable.

Course Level Student Learning Outcome(s)

1. Successfully recall knowledge of basic garden plants including their care and propagation for both work and leisure time activities.
2. Successfully garden by safely following simple directions, using correct tools, and practicing proper gardening techniques.

Course Objectives

- 1. Explain the basic principles and practices of typical plant growth in rooftop garden scenarios.
- 2. Identify, differentiate, and develop appropriate methods for removing invasive plants from raised bed gardens.
- 3. Accurately employ current rooftop gardening standards to provide basic care of typical garden plants including drought tolerant, native, edible, and ornamental flora.
- 4. Safely and correctly utilize simple gardening hand tools independently to plant, grow, and harvest over the duration of the semester.
- 5. Using skills developed during lectures and lab, care for a typical garden element independently, outside of class.
- 6. Accomplish to completion the creation of a small roof top garden in rooftop planters.
- 7. Collect, clean, and return gardening supplies following a gardening activity.

Lecture Content

Safety Standards Review Plant Identification Sensory Information: visual, touch, smell, taste Varieties-Species Parts of Plant Tools Identification

Uses Cleaning Storage Individual Plant Care Garden Planning, Design and Installation Bed Planning Bedding Mapping and Preparation Irrigation Checks Plant Preparation Types and Dispersal Seedlings Seed Cuttings Garden Evaluation and Care Irrigation Pests Fertilization Aeration Thinning and Pruning for Health Weeding Plant Supports Harvest and Rehabilitation Roof Top Garden Care Community Stewardship Information sharing Volunteerism

Lab Content

Safety in the Garden Tools, Chemicals, Fertilizers, Pests Plant Identification Sensory: visual, touch, taste, smell Tool Identification and Correct Use Individual Plant Best Care Garden Planning, Design and Installation Bed Planning Bedding Mapping and Preparation Irrigation Checks Plant Preparation Types and Dispersal Seedlings Seed Cuttings Garden Evaluation and Care Irrigation Pests Fertilization Aeration Thinning and Pruning for Health Weeding Plant Supports Harvest and Rehabilitation Roof Top Garden Care Community Stewardship Sharing plants/crops Volunteerism

Method(s) of Instruction

- Enhanced NC Lect (NC1)
- Enhanced NC Lab (NC2)
- Live Online Enhanced NC Lect (NC9)
- Live Online Enhanced NC Lab (NCA)

Instructional Techniques

1. Lecture with illustrated slides and handouts 2. Discussion of important concepts and related current issues 3. Demonstrations by instructor and guest speakers 4. Hands-on planting assignments 5. Guest Speakers, Professional Experts 6. Peer supported evaluations

Reading Assignments

There are no reading assignments.

Writing Assignments

There are no writing assignments.

Out-of-class Assignments

Students will complete one out-of-class assignment on a topic of their choice related to course content.

Demonstration of Critical Thinking

Direct observation of standard practices. Compare and Contrast various course objectives Apply knowledge to vocational opportunity

Required Writing, Problem Solving, Skills Demonstration

The completion of a student gardening project.

Eligible Disciplines

Special education: Minimum qualifications for these faculty members are specified in title 5, section 53414. Masters degree required. Title 5, section 53414

Other Resources

1. Coastline Library 2. Handouts to be provided and distributed by the instructor.