SPED C079N: NURSERY BASICS

Item	Value
Curriculum Committee Approval Date	04/28/2017
Top Code	010900 - Horticulture
Units	0 Total Units
Hours	40 Total Hours (Lecture Hours 20; Lab Hours 20)
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
Open Entry/Open Exit	No
Grading Policy	P/NP/SP Non-Credit (D)

Course Description

This course is designed to develop rudimentary crop propagation skills through an integration of basic groundskeeping, gardening, and greenhouse skills and includes integrated field experience. Noncredit. NOT DEGREE APPLICABLE. Not Transferable.

Course Level Student Learning Outcome(s)

1. Accurately describe the propagation, care, and harvest of specific gardened plants for work and leisure-time activities.
2. Successfully care for gardened plants by safely following and adapting complex directions and appropriate tool use.

Course Objectives

- 1. Recall multi-step directions in appropriate student gardening scenarios.
- 2. Recognize, differentiate, and name typically farmed local crops and related weed crops.
- 3. Demonstrate appropriate care and propagation of typical commercially farmed vegetables or herbs.
- 4. Independently choose and utilize appropriate tools to accomplish nursery projects safely.
- 5. Complete multiple plant-care tasks accurately, within a self-projected completion time.
- 6. Clean up self, work area, and related student garden plots and compost organic materials following participation in a gardening activity.
- 7. Make use of gardening activities as a leisure-time activity.

Lecture Content

Planning a Garden/Nursery Plotting Soil Creating beds, containers, environment Choosing plants, fruits, vegetables Planting Day Tools - current and future use Tool Safety: Pruners, Loppers, Folding Saw, Pole Pruner Level beds Lay out garden plan Plant and Water Care and Watering schedule Clean Up Plants and Their Environment Atmospheric - Above Ground Edaphic - Below Ground Fruit Production - Pomology California Fruit Types: Deciduous and Evergreen Planting and Timing Watering Ways to grow: hedgerow, container, beds Pruning and Care Leader Systems Vegetable Production - Olericulture Homeowner vs. Commercial Climatic Requirements: Temperature, Water, Light Seasons Planning: Choosing and Mapping out garden Planting: seeds, transplants, Irrigation, Weeding, Thining, Mulching, Training Pests Safety Review Tools Pesticides Edible vs. inedible plants

Lab Content

Identification Commercial Plants Weeds Related Insects/Pests Individual Plant Care Plant Types Nursery Floral Plantings Shrubs and Trees Commercial Vegetables/Fruit Plantings Propagation Soil Care, Water, Fertilizer Pruning Harvest/Removal/Composting Planting Day Tools - current and future use Tool Safety: Pruners, Loppers, Folding Saw, Pole Pruner Level beds Lay out garden plan Plant and Water Care and Watering schedule Clean Up Fruit or Vegetable Planting Plant fruit or vegetable Care Watering schedule Pruning, thinning Student Garden Projects/ Nursery Care Trash and Organic Clippings Removal Raking, Sweeping, Turning Soil Grounds Care Survey and Report Safety and ADA Feature Concerns Safety Review Tools Pesticides Edible vs. inedible plants Community Stewardship

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 and discussion of important concepts. 2 Discussion of related current issues of interest. 3. Lab assignments including hands-on planting, problem-solving, and independent responsibilities. 4. Demonstrations by instructor or professional expert 5. Guest Speakers/ Professional Experts 4. Peer supported evaluation.

Reading Assignments

There are no reading assignments.

Writing Assignments

There are no writing assignments.

Out-of-class Assignments

Student will complete a project including their planting process, care and outcome.

Demonstration of Critical Thinking

Direct observation of standard practices. Differentiation of plant enviroments and needs

Required Writing, Problem Solving, Skills Demonstration

Successful completion of a student gardened plot project. Completion of planting assignment and outcome

Eligible Disciplines

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

Other Resources

1. Coastline Library 2. Handouts and Worksheets provided and distributed by instructor.