HORT 127 Course Outline as of Fall 2020

CATALOG INFORMATION

Dept and Nbr: HORT 127 Title: EDIBLE LANDSCAPES Full Title: Edible Landscapes: Design and Maintenance Last Reviewed: 3/23/2015

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	1.50	Lecture Scheduled	1.50	17.5	Lecture Scheduled	26.25
Minimum	1.50	Lab Scheduled	0	6	Lab Scheduled	0
		Contact DHR	0		Contact DHR	0
		Contact Total	1.50		Contact Total	26.25
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 52.50

Total Student Learning Hours: 78.75

Title 5 Category:	AA Degree Applicable
Grading:	Grade or P/NP
Repeatability:	00 - Two Repeats if Grade was D, F, NC, or NP
Also Listed As:	
Formerly:	

Catalog Description:

Identification of design and cultural requirements common to edible landscapes. Lectures will address plant selection and combinations as well as maintenance practices.

Prerequisites/Corequisites:

Recommended Preparation: Eligibility for ENGL 100 or ESL 100

Limits on Enrollment:

Schedule of Classes Information:

Description: Identification of design and cultural requirements common to edible landscapes. Lectures will address plant selection and combinations as well as maintenance practices. (Grade or P/NP) Prerequisites/Corequisites: Recommended: Eligibility for ENGL 100 or ESL 100 Limits on Enrollment: Transfer Credit:

ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

AS Degree: CSU GE:	Area Transfer Area	Effective: Effective:	Inactive: Inactive:
IGETC:	Transfer Area	Effective:	Inactive:
CSU Transfer	: Effective:	Inactive:	
UC Transfer:	Effective:	Inactive:	

CID:

Certificate/Major Applicable:

Both Certificate and Major Applicable

COURSE CONTENT

Student Learning Outcomes:

At the conclusion of this course, the student should be able to:

- 1. Identify the concepts of edible plants' role in the landscape.
- 2. Describe cultural requirements and uses of edible plants in the landscape.
- 3. Explain plant selection and maintenance practices.

Objectives:

- 1. Identify the various types of edible landscape design.
- 2. Outline the balance concept between edible and ornamental.
- 3. Discuss cultural requirements of edible plants.
- 4. Explore uses of fruit tree, vegetables/herbs, berries, citrus and edible flowers.

Topics and Scope:

- I. Introduction
- A. Define
- B. Comparsion with traditional landscapes and pros and cons
- C. History
- II. Design
 - A. Landscape types
 - B. Space utiliziation and consideration
 - C. Planting palette (trees, shrubs, groundcovers, vines)
 - D. Landscape components
- **III. Site Preparation**
 - A. Sun/shade requirements
 - B. Soil management
 - C. Green waste management
 - D. Pest management

IV. Planting

- A. Selection and rotation
- B. Layout

C. Balance between edible and ornamental

D. Containers

V. Irrigation

A. Hydrozone requirements

B. Water conservation

VI. Fertilization - Natural vs. synthetic fertilizers

Assignment:

- 1. 3-5 page written report on a proposed edible landscape.
- 2. Final project: graphic or pictorial plan for a plant grouping for an edible landscape.
- 3. 1-2 quizzes.
- 4. Reading 5-10 pages per week.
- 5. Observation reports.
- 6. Field work and plant identification.

Methods of Evaluation/Basis of Grade:

Writing: Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

3-5 page written report on a proposed edible landscape. In class written exercises, including observation reports.

Problem Solving: Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

None

Skill Demonstrations: All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

Field work and plant identification; plan for planting group for an edible landscape.

Exams: All forms of formal testing, other than skill performance exams.

Quizzes; multiple choice, true/false, matching items

Other: Includes any assessment tools that do not logically fit into the above categories.

Attendance and participation

Representative Textbooks and Materials:

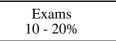
Sunset Western Garden Book. Menlo Park, CA: Sunset Publishing Group, 2007 (classics). Dirr, Micahael and Bonnie, Manual of Woody Landscape Plants. Champagne, IL: Stipes

Problem solving	Problem solving 0 - 0%	
Problem solving $0 - 0\%$	Problem solving 0 - 0%	
0 0/0		

Writing

20 - 30%

Skill Demonstrations 40 - 50%
40 - 30%



Other Category
5 - 10%

Publishing Co., 2009 (classics).

Phillips, R. and Rix, M. The Random House Book of Shrubs. NY: Random House, 1989. (classic)

Courtwright, G. Trees and Shrubs for Temperate Climates, 3rd ed. Portland, OR: Timber Press, 1998. (classic)