HORT 127 Course Outline as of Fall 2015

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:

Repeatability: Two Repeats if Grade was D, F, NC, or NP

ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

AS Degree:	**Area**	Effective:	Inactive:
CSU GE:	**Transfer Area**	Effective:	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.	Writing 20 - 30%

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

None	Problem solving 0 - 0%

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.	Skill Demonstrations 40 - 50%

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

Quizzes; multiple choice, true/false, matching items	Exams 10 - 20%

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

Attendance and participation	Other Category 5 - 10%

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

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)