

HORT 133 Course Outline as of Fall 2022**CATALOG INFORMATION**

Dept and Nbr: HORT 133 Title: CURRENT TOPICS IN HORT
 Full Title: Current Topics in Horticulture
 Last Reviewed: 10/11/2021

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	1.00	Lecture Scheduled	1.00	17.5	Lecture Scheduled	17.50
Minimum	1.00	Lab Scheduled	0	5	Lab Scheduled	0
		Contact DHR	0		Contact DHR	0
		Contact Total	1.00		Contact Total	17.50
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 35.00

Total Student Learning Hours: 52.50

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:

This course encompasses an exploration of selected horticultural issues. The intent is to broaden student perspective beyond textbooks for understanding the most current horticultural industry practices that are related to new technology, products or management procedures.

Prerequisites/Corequisites:**Recommended Preparation:**

Eligibility for ENGL 100 or ESL 100

Limits on Enrollment:**Schedule of Classes Information:**

Description: This course encompasses an exploration of selected horticultural issues. The intent is to broaden student perspective beyond textbooks for understanding the most current horticultural industry practices that are related to new technology, products or management procedures. (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 and compare current topics in horticulture such as technology, practices, products, and procedures.
2. Synthesize and evaluate horticultural theories and issues.
3. Incorporate the latest horticultural findings into appropriate nursery and landscape practices.

Objectives:

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

1. Discuss new concepts regarding plant production use and management.
2. Summarize the key concepts underlying the course topic.
3. Evaluate the appropriateness of integrating these advances into nursery production, landscape design and/or landscape management.

Topics and Scope:

- I. Examples of current topics in Environmental Horticulture
 - A. Irrigation technology
 - B. Edible landscapes
 - C. Bioswales and drainage
 - D. Erosion management
 - E. Pest management products
 - F. New landscape equipment
 - G. Integrated Pest Management (IPM) protocol
 - H. Plan growth regulators
 - I. Rain Gardens
 - J. Rooftop Gardens
 - K. Firesafe landscaping

Assignment:

1. Weekly reading (5-10 pages)
2. Class discussions on industry topics
3. Written homework assignments
4. Term project such as literature review or case study reports demonstrating competence in the course topic

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.

Written homework assignments

Writing
25 - 35%

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

Term project

Problem solving
10 - 20%

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

None

Skill Demonstrations
0 - 0%

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

None

Exams
0 - 0%

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

Participation in class discussions

Other Category
45 - 60%

Representative Textbooks and Materials:

Instructor prepared materials

Trade magazines: Arborist News, Landscape Architecture Magazine, Fremontia, Landscape Contractor National, Landscape management

Scientific journals: Journal of Arboriculture and Urban Forestry, Horticulturae, Journal of Horticultural Science, Horticulture, Journal of Landscape Architecture, Landscape and Urban Planning, Landscape Ecology, International Journal of Plant Sciences, Economic Botany, Ecology and Society, Landscape Journal, Garden History