

**HORT 133 Course Outline as of Fall 2015****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 introduction 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 introduction 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**

**Outcomes and Objectives:**

Upon successful completion of this course, the student will be able to:

1. Discuss new concepts regarding plant production use and management.
2. Evaluate the theories underlying the research.
3. Evaluate the appropriateness of integrating these advances into nursery production 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
  - F. Pest management products
  - G. New landscape equipment
  - H. Integrated Pest Management (IPM) protocol
  - J. Plan growth regulators
  - K. Rain Gardens
  - L. Rooftop Gardens

**Assignment:**

1. Reading (5-10 pages/week)
2. Class discussions on industry topics.
3. Acquire new or recent research on horticulture and write a 3-5 page analysis describing the application of appropriate horticultural management.

## 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.

Write a 3-5 page analysis describing the application of appropriate horticultural management.

Writing  
10 - 20%

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

Evaluate new technologies and practical application

Problem solving  
25 - 35%

**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