

CATALOG INFORMATION

Dept and Nbr: AG 90

Title: INTRO ORNAMENT HORT

Full Title: Introduction to Ornamental Horticulture

Last Reviewed: 12/14/2015

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	3.00	Lecture Scheduled	3.00	17.5	Lecture Scheduled	52.50
Minimum	3.00	Lab Scheduled	0	17.5	Lab Scheduled	0
		Contact DHR	0		Contact DHR	0
		Contact Total	3.00		Contact Total	52.50
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 105.00

Total Student Learning Hours: 157.50

Title 5 Category: AA Degree Applicable

Grading: Grade Only

Repeatability: 00 - Two Repeats if Grade was D, F, NC, or NP

Also Listed As:

Formerly:

**Catalog Description:**  
Exploration of horticulture as an applied science, a craft, and a rewarding career. Current and historical perspectives on horticultural practices with emphasis on the more recent developments and discoveries. Basics of plant classification; plant structure, growth, and environmental needs. Landscape, nursery and associated career areas studied, including licenses and professional certifications. Field trip and guest speakers.

**Prerequisites/Corequisites:**

**Recommended Preparation:**  
Course Eligibility for ENGL 100A

**Limits on Enrollment:**

**Schedule of Classes Information:**  
Description: Horticulture as an applied science and rewarding career. Recent developments in horticultural practices; basic plant classification, function, and environmental needs; study of landscape, nursery and associated careers. (Grade Only)  
Prerequisites/Corequisites:

Recommended: Course Eligibility for ENGL 100A

Limits on Enrollment:

Transfer Credit: CSU;

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

## **ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:**

<b>AS Degree:</b>	<b>Area</b>			Effective:	Inactive:
<b>CSU GE:</b>	<b>Transfer Area</b>			Effective:	Inactive:
<b>IGETC:</b>	<b>Transfer Area</b>			Effective:	Inactive:
<b>CSU Transfer:</b>	Transferable	Effective:	Fall 1981	Inactive:	Fall 2023
<b>UC Transfer:</b>		Effective:		Inactive:	

**CID:**

**Certificate/Major Applicable:**

Certificate Applicable Course

## **COURSE CONTENT**

### **Outcomes and Objectives:**

1. Describe the employment opportunities and requirements in the major.
2. Relate personal goals, skills and desires to the horticulture career areas.
3. Demonstrate knowledge of basic horticulture practices, including propagation, production, and landscape management.
4. Describe basic plant parts and growth mechanisms.
5. Recommend basic cultural practices for common types of plants.

### **Topics and Scope:**

1. Definition and history of horticulture.
2. Plant growth and development.
3. Soil, water and fertilizers.
4. Plant propagation methods.
5. Planting and mainting landscape plants.
6. Pest Management.
7. Landscape industry and professions.
8. Nursery and floriculture industry and professions.
9. Government, research, education, horticulture therapy and other careers.
10. Retail nursery and other horticulture business operations.

### **Assignment:**

Written reports on selected horticulture topic relative to current industry methods of production, landscape, floriculture, arboriculture, or government careers.

## 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, Essay exams

Writing  
20 - 40%

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

Homework problems, Quizzes, Exams

Problem solving  
20 - 40%

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

Class performances, Performance exams

Skill Demonstrations  
20 - 35%

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

Multiple choice, True/false, Matching items, Completion

Exams  
20 - 40%

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

None

Other Category  
0 - 0%

## Representative Textbooks and Materials:

1. Ingels, Jack E. "Science, Operations and Management", Second Edition 1994.
2. Editors of Sunset Books and Sunset Magazine, "Western Garden Book", Sunset Publishing Corporation, 1995