

HORT 50.2 Course Outline as of Fall 2016

CATALOG INFORMATION

Dept and Nbr: HORT 50.2 Title: HORT INDUSTRY & CAREERS
Full Title: Horticulture Industry and Careers
Last Reviewed: 12/14/2015

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:
Exploration into career opportunities, professional organizations, and required skills within the horticulture industry, including nursery, landscape, and floriculture trades.

Prerequisites/Corequisites:

Recommended Preparation:
Eligibility for ENGL 100 or ESL 100

Limits on Enrollment:

Schedule of Classes Information:
Description: Exploration into career opportunities, professional organizations, and required skills within the horticulture industry, including nursery, landscape, and floriculture trades. (Grade or P/NP)
Prerequisites/Corequisites:
Recommended: Eligibility for ENGL 100 or ESL 100
Limits on Enrollment:
Transfer Credit: CSU;

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

ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

AS Degree: **Area**
CSU GE: **Transfer Area**

Effective: Inactive:
Effective: Inactive:

IGETC: **Transfer Area**

Effective: Inactive:

CSU Transfer: Transferable Effective: Fall 2002 Inactive: Fall 2023

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 describe career opportunities and professional organizations in the horticulture industry.
2. Demonstrate skills required for the horticulture industry, including nursery, landscape, and floriculture trades.

Objectives:

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

1. Describe the values, themes, methods, and history of the horticultural industry.
2. Identify landscape industry occupations and their employment requirements.
3. Categorize the proper planting techniques for a variety of plants.
4. Prepare landscape documents using common landscape drafting techniques, including lettering and symbolization.
5. Identify nursery industry occupations and their employment requirements.
6. Evaluate common nursery classifications and their functions.
7. Explain differences between field and container growth and production systems.
8. Describe the common growing structures, greenhouse types, and glazings.
9. Describe the basic parts of a greenhouse.
10. Construct a basic floral design.
11. Explain the cut flower conditioning process.
12. Identify other green industry occupations and their employment requirements (may include turf, arboriculture, horticultural therapy, education, consultation).
13. Compile a survey of professional horticulture (greens) industry organizations.

Topics and Scope:

- I. Orientation to the values, themes, methods, and history of the horticultural industry
- II. Landscape careers
 - A. Design
 - B. Installation

- C. Maintenance
- III. Nursery careers
 - A. Wholesale
 - B. Retail
- IV. Floriculture careers
 - A. Production
 - B. Floral design
- V. Other (may include):
 - A. Arboriculture
 - B. Turf
 - C. Horticultural therapy
 - D. Consultation
 - E. Extension service
 - F. Education
- VI. Field and container growth and production systems
- VII. Common growing structures
- VIII. Cut flower conditioning process
- IX. Professional organizations

Assignment:

1. Read 10 to 20 pages per week and do chapter review worksheets
2. Worksheets for videos and lectures
3. Two to three quizzes and final exam
4. Demonstration and practice of horticulture skills

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.

Worksheets and chapter reviews

Writing 10 - 30%

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

Worksheets

Problem solving 10 - 20%

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

Demonstration and practice of horticulture skills

Skill Demonstrations 5 - 10%

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

Quizzes and Final Exam to include multiple choice, true/false, matching items, completion, and essay
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Exams 40 - 60%

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

Attendance and participation

Other Category
0 - 5%

Representative Textbooks and Materials:

Ornamental Horticulture, Science, Operations & Management. DelMar, 2010.
Instructor prepared materials