

CATALOG INFORMATION

Dept and Nbr: HORT 73 Title: CUT FLWRS. FLD GRWN
Full Title: Cut Flowers: Field Grown Production for Sonoma County
Last Reviewed: 9/23/2002

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	1.00	Lecture Scheduled	3.00	6	Lecture Scheduled	18.00
Minimum	1.00	Lab Scheduled	0	5	Lab Scheduled	0
		Contact DHR	0		Contact DHR	0
		Contact Total	3.00		Contact Total	18.00
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 36.00

Total Student Learning Hours: 54.00

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: AG 297.44

Catalog Description:
Field grown cut flower and foliage production in Sonoma County. Topics include crop selection, propagation, planting, irrigation, fertilization, pest control, harvesting, pre- and post-harvest treatments; marketing of fresh and dried materials.

Prerequisites/Corequisites:

Recommended Preparation:
Eligibility for ENGL 100 or ESL 100

Limits on Enrollment:

Schedule of Classes Information:
Description: Field grown cut flower and foliage production in Sonoma County. Topics include crop selection, propagation, planting, irrigation, fertigation, pest control, harvesting, pre-and post-harvest treatments; marketing of fresh and dried materials. (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:

Certificate Applicable Course

COURSE CONTENT

Outcomes and Objectives:

Upon successful completion of this course students will be able to:

1. Select a crop appropriate to a given market, growing area, and site.
2. Evaluate a site for suitability to crop production.
3. Identify and describe cultural practices for cut flower and foliage crops adapted to Sonoma County.
4. Develop a seasonal planting and harvest schedule.
5. Differentiate among characteristics of significant crop types and plant families.
6. Describe pre-and post-harvest techniques including drying, storage, and shipping methods.
7. Appraise the importance of marketing the crop and analyze local and regional options to determine a viable market.

Topics and Scope:

I. Introduction

- A. Why grow cut flowers?
- B. Demand and overview of market

II. Who or where is your market?

III. Crop Selection

- A. End use
- B. Production factors to consider
- C. Cultural requirements of crops

IV. Traditional crops

- A. Annuals
- B. Perennials
- C. Bulbs
- D. Woody cuts
- E. Ornamental grasses

- V. Site considerations
 - A. Soil, water, terrain
 - B. Climate and conditions
 - D. Drainage
 - E. Fencing and access
- VI. Cultivation
 - A. Bed size and preparation
 - B. Seasonal planning for planting, harvest and sale
 - C. Propagation
 - D. Fertigation / Irrigation
 - E. Pest control
- VII. Harvest and Handling
 - A. Pre-harvest techniques
 - B. Harvest
 - 1. Optimal conditions
 - 2. Proper stage of development
 - 3. Field handling
 - C. Post-harvest techniques
 - 1. Drying
 - 2. Storage
 - 3. Preservation
 - D. Packing and delivery
- VIII. Marketing

Assignment:

1. Complete reading assignments and conduct research on cultural practices for chosen cut flower plants.
2. Discuss research in small group format or present orally to class.
3. Prepare a seasonal planting and harvest schedule.
4. Present field-cut flowers for evaluation of timing of cut, proper cut, stem length, and condition.
5. Quizzes and exam.

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.

None, This is a degree applicable course but assessment tools based on writing are not included because problem solving assessments and skill demonstrations are more appropriate for this course.

Writing
0 - 0%

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

Seasonal planting & harvest schedule.

Problem solving
10 - 30%

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

Class performances

Skill Demonstrations
20 - 40%

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

Multiple choice, True/false, Matching items, Completion

Exams
30 - 60%

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

None

Other Category
0 - 0%

Representative Textbooks and Materials:

SPECIALTY CUT FLOWERS, by Allan M. Armitage. Timber Press, 1993.