HORT 112 Course Outline as of Fall 2011

CATALOG INFORMATION

Dept and Nbr: HORT 112 Title: PERENNIALS FOR SO. CO.
Full Title: Perennials for Sonoma County
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:	AG 297.3

Catalog Description:
This course will introduce and identify perennials that are well suited for sustainable landscape use in Sonoma County. It will stress identification of perennials, their particular environmental requirements, and their landscape usage and potential. Plants that are compatible with sustainable landscape practices will be highlighted, including low water-use and reduced needs for pest management and specialty fertilizer application.

Prerequisites/Corequisites:

Recommended Preparation:
Eligibility for ENGL 100 or ESL 100

Limits on Enrollment:

Schedule of Classes Information:
Description: This course will introduce and identify perennials that are well suited for sustainable landscape use in Sonoma County. It will stress identification of perennials, their particular environmental requirements, and their landscape usage and potential. Plants that are compatible with sustainable landscape practices will be highlighted, including low water-use and

reduced needs for pest management and specialty fertilizer application. (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 students will be able to:
1. Identify a range (50 - 80) of perennial plants by leaf, flower, and growth habit.
2. Describe the growth habits and soil and water requirements of different perennial plants.
3. Assess and select perennial plants according to desired function, growth habits, climate, exposure, and maintenance requirements.
4. Assess and recommend sustainable cultural practices for perennial plants in the landscape.
5. Assess and recommend perennials for landscaping purposes to provide desired foliage, flower, and form characteristics.
6. Evaluate and recommend perennials suitable for water efficient landscapes.
7. Use plant keys or other resources, including internet to identify specimens.
8. Demonstrate proper plant materials collection and preservation methods.

Topics and Scope:

1. External structures used in identification of plants
    a. Leaves
    b. Buds
    c. Stem
    d. Flowers
2. Identification by sight memory of 50-70 perennials
3. Growth habits and requirements
    a. Origin and climatic range
    b. Form of growth
    c. Rate of growth
    d. Ultimate growth height and spread

e. Leaf structure
f. Flower color and season
g. Exposure
1. sun
2. shade
3. half sun/shade
h. Soil and water requirements of the plants studied
4. Successful landscape use
a. Function
b. Aesthetic value
5. Sustainable plant usage
a. Water efficient planting
b. Pest and disease resistance
c. California native and Mediterranean climate adapted plants

Assignment:

1. 3-5 page written report and oral presentation on selected perennial or group of perennials.
2. Field work: collect and label field samples of 5-10 new plants per week.
3. Memorize botanical names for 5-10 new plants per week.
4. Sight identify specimens of 5-10 new plants per week.
5. Write and correctly spell botanical and common names for 5-10 new plants per week.
6. Final specimen identification 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.

Report	Writing 10 - 20%

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

None	Problem solving 0 - 0%

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

Field work, plant identification	Skill Demonstrations 10 - 20%

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

Specimen identification by botanical name exam: multiple choice, true/false, matching items, completion	Exams 50 - 70%

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

Oral presentation, attendance and participation	Other Category 0 - 10%

Representative Textbooks and Materials:
Sunset Western Garden Book.Menlo Park, CA: Sunset Publishing Group, 2007.
Annuals and Perennials, by Edinger, P., and Sanchez, J. 2nd Ed., Sunset Books, 2002. (Classic)