HORT 111 Course Outline as of Spring 2016

CATALOG INFORMATION

Dept and Nbr: HORT 111 Title: UNIQ SHRBS, VNS, GC N CA
Full Title: Unique Shrubs, Vines, and Groundcovers for No. California
Last Reviewed: 3/28/2011

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 297.41

Catalog Description:
This course will introduce and identify shrubs, vines, and groundcovers that are not often used in Sonoma County, but are well suited for sustainable landscape use in our climatic zones. It will stress plant identification, environmental requirements, and 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 shrubs, vines, and groundcovers that are not often used in Sonoma County, but are well suited for sustainable landscape use in our climatic zones. It will stress plant identification, environmental requirements, and 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 of shrubs, vines, and groundcovers by leaf, branch and bark shapes, and structure.
2. Describe the growth habits and soil and water requirements of different shrubs, vines, and groundcovers.
3. Assess and select shrubs, vines, and groundcovers according to desired function, growth habits, climate, exposure, and maintenance requirements.
4. Assess and recommend sustainable cultural practices for shrubs, vines, and groundcovers in the landscape.
5. Assess and recommend shrubs, vines, and groundcovers for landscaping purposes to provide desired foliage, flower, and form characteristics.
6. Evaluate and recommend shrubs, vines, and groundcovers 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. Branch and bark shapes
    c. Structures
2. Identification by sight memory of 50-70 shrubs, vines, and groundcovers
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. Fruit type
h. Exposure
1. sun
2. shade
3. half sun/shade
i. Soil and water requirements of the plants studied
j. Pruning to fit the landscape requirements

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 plant or plant group.
2. Collect and label field samples of 5-10 new plants per week.
5. Memorize botanical names for 5-10 new plants per week.
6. Sight identify specimens of 5-10 new plants per week.
7. Write and correctly spell botanical and common names for 5-10 new plants per week.
8. 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, Specimen identification.	Skill Demonstrations 10 - 20%

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

Specimen identification 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.
Dirr, MA. Manual of Woody Landscape Plants. Champagne, IL: Stipes Publishing Co., 1998 (Classic)
Phillips, R. and Rix, M. The Random House Book of Shrubs. NY: Random House, 1989. (Classic)
Courtwright, G. Trees and Shrubs for Temperate Climates, 3rd ed. Portland, OR: Timber Press, 2002. (Classic)