HORT 119 Course Outline as of Fall 2016

CATALOG INFORMATION

Dept and Nbr: HORT 119 Title: LNDSCPNG CALIF NTV PLNTS
Full Title: Landscaping with California Native Plants
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:
Identification, nomenclature, cultural requirements and landscape uses of California native plants suited to Sonoma County's climate and soils. Classroom and field lectures will address plant selection and combinations as well as maintenance practices.

Prerequisites/Corequisites:

Recommended Preparation:
Eligibility for ENGL 100 or ESL 100

Limits on Enrollment:

Schedule of Classes Information:
Description: Identification, nomenclature, cultural requirements and landscape uses of California native plants suited to Sonoma County's climate and soils. Classroom and field lectures will address plant selection and combinations as well as maintenance practices. (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. Describe native plant communities of Sonoma County.
2. Identify a range (50 - 80) of California native plants by leaf, flower, and growth habit.
3. Use basic horticultural terminology to describe the structure and growth habits of California natives.
4. Identify California natives by genus, species and cultivar names.
5. Recommend California natives for various landscape environments.
6. Select California natives appropriate for a chosen garden design theme.
7. Evaluate and recommend California native plants suitable for water efficient landscapes.
8. Recommend soil preparation and planting methods.
9. Explain pruning and other routine maintenance practices.
10. Group plants for desired foliage, flower and color effects.
11. Describe proper plant materials collection and preservation methods.

Topics and Scope:

I. California and Sonoma County plant communities
II. External structures used in identification of plants
    A. Leaves
    B. Buds
    C. Stem
    D. Flowers
III. Identification by sight memory of 50-80 California native plants
IV. Plant materials collection and preservation methods
V. 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
    i. sun
    ii. shade
    iii. half sun/shade
H. Soil and water requirements of the plants studied
I. Pruning and other routine maintenance practices

VI. Landscape use
A. Function
B. Aesthetic value
C. Grouping plants for desired foliage, flower and color effects

Assignment:

1. 3-5 page written report on selected California native plants
2. Field work: Collect and label field samples of 10-15 new plants per week
3. Memorize botanical names for 10-15 new plants per week
4. Sight identification of specimens of 10-15 new plants per week
5. Correctly spelled list of botanical and common names of native plants
6. Graphic or pictorial plan for a plant grouping
7. Written 1-2 page report on pruning and routine maintenance practices of one plant
8. Quizzes (2-3); 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.

Written 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; plan for planting	Skill Demonstrations 10 - 20%

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

Quizzes to include multiple choice, true/false, matching items. Final specimen identification exam	Exams 50 - 70%

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

Attendance and participation	Other Category 0 - 10%

Representative Textbooks and Materials:
California Native Plants For the Garden by Bornstein, Fross and O'Brien, Cachuma Press. 2005 (classic).
Sunset Western Garden Book; Menlo Park, CA; Sunset Publishing Group, 2012.
Instructor prepared materials