

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	3.00	8	Lecture Scheduled	24.00
Minimum	1.50	Lab Scheduled	0	8	Lab Scheduled	0
		Contact DHR	0		Contact DHR	0
		Contact Total	3.00		Contact Total	24.00
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 48.00

Total Student Learning Hours: 72.00

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:

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:

1. California and Sonoma County plant communities
2. External structures used in identification of plants
 - a. Leaves
 - b. Buds
 - c. Stem
 - d. Flowers
3. Identification by sight memory of 50-80 California native plants
4. Plant materials collection and preservation methods
5. 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
6. Landscape use
- a. Function
 - b. Aesthetic value
 - c. Grouping plants for desired foliage, flower and color effects

Assignment:

Representative assignments:

1. 3-5 page written report on selected California native plants
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. Create a graphic or pictorial plan for a plant grouping.
7. Select one plant and write a 1-2 page report on pruning and routine maintenance practices.
8. Quizzes (2-3); Final specimen identification exam.
9. Attendance and participation.

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.

Multiple choice, True/false, Matching items, Completion, Specimen identification

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, 2005, Cachuma Press.

Instructor prepared materials.