

LANDSCAPE HORTICULTURE SPRING 2010 SCHEDULE

MERRITT COLLEGE

EDITION 3

12500 Campus Drive, Oakland, CA 94619 Phone - (510) 436-2418

SPRING SEMESTER 1/21/10 - 5/28/10

Enroll On The Web @www.peralta.edu

Continuing Student Enrollment Starts 11/13/09; New & Returning Student Enrollment Starts 11/30/09

Visit The Landscape Horticulture Dept's Website @ www.merrittlandhort.com

All Classes Are Listed With Lab Times First

Enroll For The Lab & You Are Automatically Enrolled For The Lecture

LH001	Introduction to Landscape Horticulture			Units	3
		Day	Rm Number	Class Code	
	Lab 1:00 PM - 3:50 PM	Mon.	H108	24211	
	Lec 10:00 AM - 11:50 AM	Mon.	H108		
	Full Semester				
	This overview class covers the principles & practices of basic landscape horticulture to include: plant structure & physiology, soils, planting and transplanting, fertilization, propagation, & plant growth regulators. The labs include planting, pruning, drip irrigation, garden renovation, & field trips to Bay Area gardens.				
	Instructor	Lawrence Lee			
LH001E	Introduction to Landscape Horticulture			Units	3
		Day	Rm Number	Class Code	
	Lec 6:30 PM - 9:20 PM (No Lab)	Tues.	H101	24212	
	Full Semester / Evening				
	This overview class covers the principles and practices of basic landscape horticulture to include: plant structure and physiology, soils, planting and transplanting, fertilization, weed control, propagation, plant growth regulators, and garden maintenance.				
	Instructor	Lawrence Lee			
LH002	Tree ID and Culture			Units	3
		Day	Rm Number	Class Code	
	Lab 1:00 PM - 3:50 PM	Weds.	H108	24214	
	Lec 10:00 AM - 11:50 AM	Weds.	H108		
	Full Semester				
	Identification , care and culture of trees for use in the landscape. The class labs are field trips to local Bay Area landscapes such as U.C. Berkeley, Dunsmuir House, & Mills College.				
	Instructor	Jane Miller			
LH003E	Groundcover/Vine Identification and Culture			Units	3
		Day	Rm Number	Class Code	
	Lec 6:30 PM - 9:30 PM	Tues.	H105	24215	
	Full Semester/Evening				
	Identification and culture of over 100 ground covers and vines for use in the landscape.				
	Instructor	Stew Winchester			
LH005B	Spring California Natives Identification and Culture			Units	3
		Day	Rm Number	Class Code	
	Lab 1:00 PM - 3:50 PM	Weds.	H101	24255	
	Lec 10:00 AM - 11:50 AM				
	Full Semester				
	Identification and culture of spring California Native trees, shrubs, vines and ground covers for use in the landscape. Field trips to local Bay Area landscapes, with an emphasis on the Botanical Garden in Tilden Park.				
	Instructor	Patricia St. John			

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LH006EB	Spring Herbaceous Plant Identification & Culture			Units	3
		Day	Rm Number	Class Code	
	Lec 6:30 PM - 9:20 PM	Thurs.	H105	24227	
	Full Semester/Evening Identification, care and culture of spring herbaceous plants in the landscape.				
	Instructor	Lawrence Lee			
LH010	Insects			Units	3
		Day	Rm Number	Class Code	
	Lab 11:30 AM - 12:50 PM	Thurs.	H108	24229	
	Lec 9:00 AM - 11:20 AM	Thurs.	H108		
	Full Semester Identification of insect, mite and vertebrate pests of landscape plants and methods of control.				
Instructor	Clytia Curley				
LH012	Weeds of the Urban Landscape			Units	3
		Day	Rm Number	Class Code	
	Lec 6:30 PM - 9:20 PM	Thurs.	H101	24234	
	Full Semester/Evening Identification of weeds in the landscape and methods of control.				
	Instructor	Richard Orlando			
LH017E	Irrigation			Units	3
		Day	Rm Number	Class Code	
	Lec 6:30 PM - 9:20 PM	Weds.	H101	24237	
	Full Semester/Evening Principles and practices of irrigation design and installation.				
	Instructor	David McGinnis			
LH018B	Landscape Design B			Units	3
		Day	Rm Number	Class Code	
	Lec 1:00 PM - 3:50 PM	Tues.	H105	24238	
	Prereq: LH 18A Full Semester Principles of landscape design continued.				
	Instructor	Chris Grampp			
LH019	Plant Nutrition			Units	3
		Day	Rm Number	Class Code	
	Lab 8:30 PM - 9:50 PM	Thurs.	H108	24242	
	Lec 6:00 PM - 8:20 PM	Thurs.	H108		
	Full Semester/Evening Essential plant nutrients, deficiency symptoms, sources of nutrients, composting, and cycling of nutrients.				
Instructor	Ed Brennan				

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LH021	Horticultural Equipment Ops./Maint./Repair		Units	2
		Day	Rm Number	Class Code
	Lab 8:30 PM - 9:20 PM	Mon.	H105	24245
	Lec 6:30 PM - 8:20 PM	Mon.	H105	
	Full Semester/Evening			
	Basic principles of small engine operation, engine parts, scheduled maintenance, troubleshooting engine problems, performing repairs, and safety. Students learn to operate many tools powered by small gas engines, including lawn mowers, edgers, blowers, tillers, brush cutters, lawn aerators, dethatchers, chain saws, diesel tractors, and others.			
	Course required for Landscape & Parks Maintenance Specialist Certificate (Level C2)			
	Instructor	David McGinnis		
LH022B	Landscape Design Lab B		Units	1
		Day	Rm Number	Class Code
	Lab 1:00 PM - 4:00 PM	Thurs.	H105	24249
	Pre-req: LH 22A			
	Full Semester			
	Production of landscape design drawings continued from LH022A.			
	Instructor	Chris Grampp Mary Fisher		
LH023	Plant Terminology		Units	2.5
		Day	Rm Number	Class Code
	Lec 1:00 PM - 3:20 PM	Thurs.	H101	Day - 24250
	Lec 6:30 PM - 8:50 PM	Mon.	H101	Eve - 24251
	Full Semester			
	Nomenclature and terminology commonly used in identification of plants.			
	Instructor	Lawrence Lee - Day Section Stew Winchester - Eve. Section		
LH024	Plant Propagation		Units	3
		Day	Rm Number	Class Code
	Lab 8:30 PM - 9:50 PM	Tues.	H108	24253
	Lec 6:00 PM - 8:20 PM	Tues.	H108	
	Full Semester/Evening			
	A survey of all phases of plant propagation - seeds, transplants, cuttings, layering, division and micro-propagation. Both theory and practical experience in producing plants from their beginnings to eventual marketing.			
	Instructor	Susan Ashley		
LH026	Pruning		Units	.5
		Day	Rm Number	Class Code
	Lab 1:30 PM - 5:50 PM	Sat.	H108	24255
	Lec 9:00 AM - 1:20 PM	Sat.	H108	
	Meets 3/20/10 & 3/27/10. Bring lunch, warm clothing and pruning shears.			
	Learn to prune fruit trees, roses, trees and shrubs in this intensive 2 Saturday class. This is a required class for most certificates.			
	Instructor	Pete Churgel		

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LH028 A - D	Permaculture Design		Units	3
		Day	Rm Number	Class Code
	Lab 11:00 AM - 1:50 PM	Fri.	H101/Field	A - 24266
	Lec 9:00 AM - 10:50 AM	Fri.	H101	B - 24268 C - 24270 D - 24772
	Full Semester/Evening Practice of observation of natural patterns applied to design for human communities. Water in the landscape, water conservation, flood and erosion control, how living soil evolves, building soil fertility with on-site materials, how to site buildings, etc. A brief review of Permaculture's short history and the practices of traditional cultures.			
	Instructor	Christopher Shein		
LH033 A - C	Design Evaluation of Bay Area Landscapes		Units	3
		Day	Rm Number	Class Code
	Lab 12:00 Noon -2:50 PM	Fri.	H105/Field	24274
	Lec 10:00 AM - 11:50 AM	Fri.	H105	
	Full Semester Investigation of selected landscapes around the San Francisco Bay Area, learning about their history and the conditions under which they were designed. We will visit each site, observing and evaluating their success through discussion, sketching and written reporting.			
	Instructor	Chris Grampp		
LH035B	Advanced Landscape Design		Units	4
		Day	Rm Number	Class Code
	Lab 12:30 PM - 3:20 PM	Wed.	H105	24276
	Lec 9:30 AM - 12:20 PM	Wed.	H105	
	Pre-requisites are 18B and 22B Full Semester Advanced graphic/site analysis techniques: design and detailing of lighting, water features, structures; cost estimating/project planning and design.			
	Instructor	Chris Grampp		
LH036 A - C	Natural Building		Units	3
		Day	Rm Number	Class Code
	Lab 10:30 AM - 5:45 PM	Sat.	Field	A - 24278
	Lec 9:30 AM - 10:20 AM	Sat.	Field	B - 24281
	Lec 6:30 PM - 9:40 PM	Tues.	Field	C - 24284
	Short Term Class meets Tuesdays, 3/23/10 - 5/25/10 & Saturdays 3/27/10 - 5/22/10 Class meetings at the Ecology Center, 2530 San Pablo Ave., Suite H, Berkeley. Building & design techniques using energy-efficient, local, natural, sustainable, and accessible materials with a focus on urban applications. History, current examples, and hands-on experience with cob, straw base, light clay-straw, natural paints, plasters, flooring, and alternatives to lumber; guest lecturers, tours of local projects, and a construction project.			
	Instructor	Marisha Farnsworth		
LH040E	Plant Materials: Mediterranean, South African & Australian		Units	3
		Day	Rm Number	Class Code
	Lec 6:30 PM - 9:20 PM	Wed.	H108	24285
	Full Semester Identification and culture of Mediterranean, South African, and Australian plants used in Bay Area landscapes: climate, soil, and water preference; garden culture; pest and disease problems, pruning and propagation.			
	Instructor	Glenn Keator		

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LH046	Cycles of Land Use			Units	2
		Day	Rm Number	Class Code	
	Lec 10:00 AM - 3:50 PM	Sat.	H101/Field	24827	
	<p>Short Term Class runs from 3/13/10 - 5/15/10 Study of the plant systems and human communities of the East Bay. Integrated study of the geology, hydrology, topography, botany, ecology, cultural history and resource management of the local landscape: application of principles and practices of landscape design and ecological restoration; use of field studies, mapping oral histories, and source materials to strengthen one's connection to the area's past, present & future.</p>				
	Instructor	Christopher Shein			
LH048PB	Computer Assisted Design Clinic for Landscape Horticulture			Units	1
		Day	Rm Number	Class Code	
	Lab 3:30 PM - 6:20 PM	Mon.	D178	24312	
	<p>Full Semester Clinic designed to increase speed and proficiency in the use of VectorWorks landscape design software, including use and application of all 2D drawing, drafting, and editing tools and resource libraries; and creation and management of customized resources and symbols.</p>				
	Instructor	Sharon Gibson			
LH048PF	Joinery Structures for the Landscape			Units	3
		Day	Rm Number	Class Code	
	Lab 1:00 PM - 3:50 PM	Sat.	H105/Field	24451	
	Lec 12:00 Noon - 12:30 PM	Sat.	H105		
	<p>Full Semester Fundamentals of design and construction of small structures for the yard and garden. Focus on developing designs with structural joiner construction and joinery hand skill techniques using Japanese hand tools on personal and community non profit projects.</p>				
	Instructor	Jay Van Arsdale			
LH050L	Plant Taxonomy Lab			Units	1
		Day	Rm Number	Class Code	
	Lab 9:00 AM - 11:50 AM	Sat.	Field	24313	
	Lab 12:30 PM - 5:50 PM	Sat.	Field		
	<p>Short Term Class meets 6 Saturdays: 1/30, 3/6, 3/13, 4/3, 4/17, & 5/8/10. Mandatory orientation meeting Friday, 1/22/10, 6:00 PM - 9:00 PM in H108 During local field trips, learn to use keys to determine characteristics of plant families.</p>				
	Instructor	Glen Keator			
LH206	Landscape Maintenance Business Practices			Units	3
		Day	Rm Number	Class Code	
	Lec 6:30 PM - 9:20 PM	Weds.	H105	24316	
	<p>Full Semester/Evening Business aspects of maintenance gardening and other landscape businesses, including: bookkeeping, tax records, licenses, and legal matters such as contract law and small claims court procedures. Useful preparation for the landscape contractor's examination.</p>				
	Instructor	Lawrence Lee			

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LH207	Special Projects in Landscape Horticulture			Units 1-3
			Day	Rm Number
	Lab 10:00 AM - 12:50 PM	Thur.	Field	24318
	Lec 8:00 AM - 9:50 PM	Thur.	Field	
	First meeting at 10:00 am, Thursday, 01/21/10 in H107			
	Full Semester			
	Special Projects in Landscape Horticulture: Provides hands-on experience with projects ranging from aesthetic pruning to design and installation of gardens.			
	Instructor	Tom Branca		
LH210 A - C	Landscape Design Forum			Units 2
			Day	Rm Number
	Lec 4:00 PM - 5:50 PM	Tues.	H101	A - 24319
				B - 24320
				C - 24321
	Full semester			
	Forum emphasizing professional practices in landscape design, including review of student designs for client presentation and guest speakers in the trade.			
	Instructor	Chris Grampp		
LH211A-C	Beneficial Beasts in the Garden & Landscape			Units 2
			Day	Rm Number
	Lab 12:00 Noon - 2:50 PM	Sun.	H108	A - 24330
	Lec 11:00 AM - 11:50 AM	Sun.	H108	B - 24332
				C - 24335
	Full semester			
	Study of the benefits of incorporating wild, naturalized, and domesticated members of the animal kingdom in the garden and landscape.			
	Instructor	Ken Litchfield		
LH248NP	Soil Management of Bay Area Gardens			Units 1
			Day	Rm Number
	Lab 1:00 PM - 2:20 PM	Fri.	H108	24743
	Lec 10:00 AM - 12:50 PM	Fri.	H108	
	Short Term Unit Class - Meets 02/19/10 - 03/26/10			
	Examination of soil fertility, water management, and soil texture of San Francisco Bay area gardens: analysis of soils for nutrients, water-holding capacity, soil texture and pH; how to fertilize, condition, and water soils for optimum growth in a sustainable approach; in-lab results of important soil parameters compared to results obtained from a certified lab.			
	Instructor	Edward Brennan		
LH501	Urban Community Gardening			Units 0
			Day	Rm Number
	Lab 11:00AM - 11:50 AM	Tues/Wed	Field	24343
	Lec 9:00 AM -10:50 AM	Tues/Wed	Field	
	First meeting Tuesday, 1/26/10 at 9:00 AM in H107.			
	No fee, open entry/open exit, full semester. Call 436-2593 for info.			
	This is an open-entry/exit, repeatable, non-unit, no-fee class.			
	The focus of this class will be the implementation of urban community gardens, with particular attention to design, construction and maintenance.			
	Instructor	Tom Branca		

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LH501	Urban Community Gardening		Units	0
		Day	Rm Number	Class Code
	Lab 12:00 Noon - 1:20 PM Spring Intersession	MWFS	Field	24342
	Lec 9:00 AM - 11:50 AM			
	FIRST INTERSESSION MEETING at 9:00 AM 12/19/09 in field at Lakeside Park Meets 12/19/09 - 1/16/10. Call 436-2593 for info. This is an open-entry/exit, repeatable, non-unit, no-fee class. The focus of this class will be the implementation of urban community gardens, with particular attention to design, construction, and maintenance.			
	Instructor	Tom Branca		
LH800	Introduction to Aesthetic Pruning		Units	0
		Day	Rm Number	Class Code
	Lec 9:30 AM - 11:50 PM, 1:00 PM - 4:20 PM	Sat.	H101	24345
	Fee \$78.00 Meets Sat. 1/30/10 only Register by phone 436-2413 or in person in Q300 10 days in advance First in our aesthetic pruning series. An introduction to aesthetic pruning of ornamental trees to achieve a desired result, including problem solving and enhancement of natural attributes. Also a brief discussion of the business of pruning.			
	Instructor	Michael Alliger		
LH801	Art of Pruning Deciduous Trees & Shrubs		Units	0
		Day	Rm Number	Class Code
	Lec 9:30AM - 12:20PM	Sat.	H101	24346
	Fee \$39.00 Meets Sat. 2/20/10 only Register by phone 436-2413 or in person in Q300 10 days in advance This lecture course covers topics such as dormant pruning of deciduous trees, pruning containerized trees and shrubs, and techniques to improve the winter silhouette will be discussed. This course is intended for students of all levels of pruning expertise.			
	Instructor	Michael Alliger		
LH803	Finding the Essence of a Tree		Units	0
		Day	Rm Number	Class Code
	Lec: 9:30AM - 12:20PM	Sat.	H101	24347
	Fee \$39 .00. Meets Saturday 3/06/10 only Register by phone 436-2413 or in person in Q300 10 days in advance This class covers the identification of different tree forms such as slant, formal upright, windswept, clump, and pruning techniques for these various forms. Special emphasis will be given to unique characteristics of selected trees.			
	Instructor	Michael Alliger		
LH804	Pruning Flowering Trees & Shrubs		Units	0
		Day	Rm Number	Class Code
	Lec: 9:30AM - 12:20PM	Sat.	H101	24348
	Fee \$39.00. Meets Saturday 4/17/10 only Register by phone 436-2413 or in person in Q300 10 days in advance This course covers the pruning, styling and care of most of the flowering trees and shrubs found in East Bay gardens. Topics include when to prune, selection of tree forms, fertilization and problem solving.			
	Instructor	Michael Alliger		

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LH810	Pruning Maples		Units	0
		Day	Rm Number	Class Code
	Lec 9:30AM - 12:20PM	Sat.	H101	24349
	Fee \$39.00. Meets Saturday 5/01/10 only			
	Register by phone 436-2413 or in person in Q300 10 days in advance			
	This lecture course covers in depth the techniques needed to prune maple trees. Topics such as seasonal pruning of maples, proper care, trouble, analysis, winter silhouette and form enhancement will be discussed.			
	Instructor	Michael Alliger		
LH838	Creative Centerpieces			Units
		Day	Rm Number	Class Code
	Lab 7:30 PM - 9:20 PM	Mon.	H108	24351
	Lec 6:30 PM - 7:20 PM	Mon.	H108	
	Fee \$125.00. Materials fee \$30.00. Students supply own flowers. No flowers the first week. Meets 1/25/10 - 3/22/10, but not 2/15/10			
	Register by phone 436-2413 or in person in Q300 10 days in advance			
	Learn to create inspired centerpieces, from formal to casual, simple to extravagant.			
	Instructor	Connie Hubbell		
LH839A	Introduction to Bonsai			Units
		Day	Rm Number	Class Code
	Lab 1:30PM - 4:20PM	Sat.	H108	24353
	Lec 9:30AM - 12:20PM	Sat.	H108	
	Fee \$78.00. Bring a tree to work on or Instructor will provide one for \$7.00. Meets Saturday 3/13/10 only			
	Register by phone 436-2413 or in person in Q300 10 days in advance			
	Come and learn to do Bonsai! These design principles are the same for a tree one foot or one hundred feet tall.			
	This course is required for the Achievement in Pruning			
	Instructor	Bill Castellon		
LH840	Wedding Bouquets I			Units
		Day	Rm Number	Class Code
	Lab 6:30 PM - 9:20 PM	Mon.	H108	24354
	Fee \$80.00 Material Fee \$25.00 Students supply own flowers. No flowers the first week Meets 3/29/10 - 4/26/10, but not 4/05/10, for 4 weeks			
	Register by phone 436-2413 or in person in Q300 10 days in advance			
	Design a round, cascade, crescent and arm bouquet. Design technique and identification of materials.			
	Instructor	Connie Hubbell		
LH842	Wedding Bouquets II			Units
		Day	Rm Number	Class Code
	Lab 6:30 PM - 9:20 PM	Mon.	H108	24355
	Fee \$80.00 Material Fee \$25.00 Students supply their own flowers. No flowers the first week. Meets 5/3/10 - 5/24/10			
	Register by phone 436-2413 or in person in Q300 10 days in advance			
	Wedding bouquet design techniques and identification of materials. Construction of a basket, pomander ball, hand-tied bouquet and wreath bouquet using fresh flowers.			
	Instructor	Connie Hubbell		

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LH848PA	Pruning Deciduous Fruit Trees		Units	0
		Day	Rm Number	Class Code
	Lec 9:30AM - 12:20 PM	Sat.	H101	24364
	Fee \$39.00 Meets Saturday, 2/06/10 only			
	Register by phone 436-2413 or in person in Q300 10 days in advance			
	Pruning of the majority of deciduous fruit trees grown in the Bay Area.			
	Instructor	Richard Meacham		
LH856	Growing Roses			Units
		Day	Rm Number	Class Code
	Lec 9:30 AM - 12:20 PM	Sat.	H101	24365
	Fee \$39.00 Meets Saturday, 01/23/10 only			
	Register by phone 436-2413 or in person in Q300 10 days in advance			
	Explore the many varieties of roses from Old Garden Roses through Modern Roses. Information on selecting, planting, pruning and caring for roses. There will be emphasis on designing a rose garden.			
	Instructor	Kenneth Jones		
LH881	The Art of The Wisteria			Units
		Day	Rm Number	Class Code
	Lec 9:30 AM - 12:20 PM	Sat.	H101	24366
	Fee \$39.00 Meets Saturday 2/27/10 only			
	Register by phone 436-2413 or in person in Q300 10 days in advance			
	Culture and history of wisteria: Identification and discussion of the advantages and disadvantages of the different species of wisteria, and explanation of the growth and training methods to provide optimal flowering.			
	Instructor	Pete Churgel		
LH891	Art of the Laceleaf Maple			Units
		Day	Rm Number	Class Code
	Lab 11:30AM - 12:20PM	Sat	H101	24363
	Lec 9:30AM - 11:20AM	Sat.	H101	
	Fee \$39.00. Meets Saturday 05/08/10 only			
	Register by phone 436-2413 or in person in Q300 10 days in advance			
	Culture and history of the laceleaf Japanese maples. Visual presentation of various cultivars and consideration of their use in the landscape. Placement, care and training to enhance the character of this tree will be stressed.			
	Instructor	Yuki Nara		