

# Merritt College Horticulture Class Schedule Spring 2020

Revised 11/21/19

Everything is subject to change!

Class No.	Class title	Instructor	Day(s)	Times	Room no.	Enrollment code	Units
LH1	Introduction to Horticulture	Lawrence Lee	Monday	10am - 3:50pm	H108	22179	3 units
LH1E	Introduction to Horticulture	Laura Forlin	Tuesday	6:30 - 9:20pm	H108	22180	3 units
LH1: Principles and practices of basic landscape horticulture: history, planting, soils, plant structure, propagation, maintenance. Labs (day classes only) include field work and field trips. Evenings: slide presentations subbed for labs							
LH2E	Plant Materials: Tree ID	Laura Forlin	Wednesday	6:30 - 9:20pm	H101	24097	3 units
LH2: ID and culture of trees used in Bay Area landscapes: climate; soil and water preference; pest and disease problems; and pruning and propagation. Slides and samples presented in lieu of outdoor labs.							
LH5B	Plant Materials: Spring Native Plant ID	Stew Winchester	Wednesday	10am - 3:50pm	H101	24098	3 units
LH5B: ID and culture of spring native plants used in the landscape: Climate, soil and water preferences; garden culture; pest and disease problems; pruning and propagation. Class labs are field trips to local Bay Area Landscapes.							
LH17E	Irrigation	David McGinnis	Thursday	6:30 - 9:20pm	H101	24100	3 units
LH17E: Principles and practices of irrigation design and installation: components, layout, hydraulics, automatic and solid-state controllers, drip irrigation and pumps. Slide presentations, tool demonstrations, and site analysis substituted for lab							
LH18B/LB	Landscape Design (lec. & lab)	Chris Grampp	Tuesday (lec.) & Thursday (lab)	1:00 - 3:50pm	H105	22181/22404 (concurrent)	3 units
LH18B & 18LB are taken concurrently (automatic enrollment in both). Continuation from LH18A/LA, Intro to landscape design • Principles of sustainable and low-impact design, advanced drawing techniques, cost estimating, planting design principles. LH18LB: Hands-on application of concepts presented in LH 18B: Principles of sustainable and low-impact design, advanced drawing techniques, cost estimating, planting plan development.							
LH23	Plant Terminology	Laura Forlin	Tuesday	1:00 - 3:15pm	H108	22184	2.5 units
LH23: Terminology used in ID of plants; terms relating to roots, stems, leaves, flowers and fruit used in all plant ID courses							
LH24	Beginning Plant Propagation	Lawrence Lee	Wednesday	6:00 - 9:45pm	H108	22185/86	3 units
LH24: Survey of Plant Propagation: History, biology, reproduction,; grafting, budding, layering, division, propagation from cuttings, seeds; propagation environment, including media, edaphic factors affecting plant growth, fertilization and greenhouse design.							
LH26	Pruning	Pete Churgel	Two Saturdays only: 3/28 & 4/4	9:00am - 5:45pm	H108	22202/03	.5 unit
LH26: Elements of pruning; basic pruning methods to more advanced techniques for pruning of ornamental trees, shrubs, vines, groundcovers and fruit trees. Bring lunch and appropriate outdoor clothing							
LH28A-D	Permaculture A, B, C, D	Lawrence Lee	Friday	9:00am - 1:50pm	H108	A 22191 B 22193 C 22195 D 22309	3 units
LH28: Strategies and techniques of applied ecology/permaculture design for livable human communities; observation of natural patterns, gardening in urban settings; permaculture ethics and principles.							
LH33AB	Design Evaluation of Bay Area Landscapes	Chris Grampp	Friday	10:00am - 3:20pm	H105	A- 22401 B-22403	3 units
LH33AB: Investigation of selected landscapes around the San Francisco Bay Area, history and the conditions under which designed. Site visits, observing and evaluating their success through discussion, sketching and written reporting.							
LH34ABC	Computer-Assisted Landscape Design ABC	Mandy Shlugleit	Tuesday	6:00pm - 9:50pm	L132 (main campus library building)	A- 22197 B- 22199 22201	3 units
LH34ABC: Principles and techniques of 2D computer-assisted design: layering, dimensioning, technical computations, free-hand techniques, symbol libraries, and preparation of completed designs using VectorWorks software.							
*LH35A	Advanced Landscape Design	Terri McFarland	Wednesday	5:00 - 9:50pm	H105	22333/34	3 units
Pre-req: LH18LB or 22B • Topographic form and design: Grading and drainage principles and practices, erosion control, cut and fill calculations, preparing and interpreting contour maps, and designing walls, stairs, and terraces.							
LH57	Form and Comp. in Landscape Design	Chris Grampp	Monday	6:30 - 9:45pm	H101	22378	3 units
LH57: Aesthetic & experiential principles/practice of landscape design: form, space, unity, pattern, scale as major factors in design development. Focus on aesthetic aspects of compositional unifiers; creating, enhancing sensory experience.							
LH76	Edible Landscaping	Lawrence Lee	Thursday	10:00am - 3:50pm	H108	22880/81	3 units
LH76: Use of food producing plants in the landscape for homeowners, renters, school gardens, community gardens, senior centers, and micro-farms.							

# Merritt College Horticulture Class Schedule Spring 2020 • Revised 11/21/19 • Everything is subject to change!

Class No.	Class title	Instructor	Day(s)	Times	Room no.	Enrollment code	Units
LH80	Urban & Community Forestry	Allegra Mautner	Thursday	7:00 - 8:50pm	H108	22884	2 units
LH80: Urban and community forestry Foundations. Arborist technology; appraisal; managing and applying work practices; policies and vegetation management							
LH82	Tree Health Care	Laura Forlin	Thursday	5:00 - 6:50pm	H108	22885	2 units
LH82: Exploration of tree hwealth care: management, treatment, prescriptions; IPM; nutrition; equipment, soil amendments, managing construction damage; integrated vegetation mgmt.; tree risk assessment; tree hazard mgmt.							
LH84	Pruning for Urban Community Forestry	Folmer, Batchelder, Winchester	Friday	1:30 - 4:20pm	H101	22886	1 unit
Pre-req: LH26 (concurrent may be ok) Principles & practices in urban/community forestry pruning: tree care pruning standards ; assessing for pruning; pruning techniques.							
*LH86	Applied Aerial Treework	Kingman Lim	Saturday	9:00am - 12:50pm	H108	22887/88	2 units
Pre-req: LH85 Strategies & techniques of applied aerial tree work: Safe practice- chain saws in an aerial situation; pruning at heights; rigging loads during aerial work; climbing in spurs; decision-making for aerial pruning cuts& tree care; aerial rescue training.							
*LH87	Advance Aerial Tree Work	Kingman Lim	Thursday	9:00am - 12:50pm	H101	24106/07	2 units
Pre-reqs LH85 Advanced , hands-on application of aerial tree work: emergency response; aerial rescue; storm prep; storm damage response; working with wood under tension; tree risks & mechanics; emerging trends impacting the trade & occupation; skill building in advanced or specialized technica aerial tasks associated with rigging, removal and felling							
*LH88	Crew Leadership in Arboriculture	TBA	Thursday	1:00 - 3:50pm	H101	24108	1 unit
Pre-reqs: LH13, 80, 82 83, 84,86. Aspects of crew leadership: Preparation for post-training work duties; examination of key job duties and tasks associated with tree care opss; communications, planning, & leadership; job site set-up; resource mgmt; reporting; communication and interpersonal skills in various work site situations; interpreting work orders/plans; application of leadership skills to solve problems; examine strategies for creating safe workplaces and modeling safe cultures for diverse populations.							
LH210 ABC	Landscape Design Forum ABC	Chris Grampp/Laura Forlin	Tuesday	4:00pm-5:50pm	H101	A 22187 B 22188 C 22189	2 units
LH210: Emphasizes professional practices in landscape design, however, this unique and interactive course features topics/guest speakers covering a wide range of subject matter of interest to all in horticulture-related fields							
LH501	Urban Community Gardening	Tom Branca	Tuesday/Wednesday	T- 9:00- 10:50am W- 9:30- 11:20am	T- Merritt Hort. W- Lakeside Park	22335/36	0 units
LH501: UCG: Benefits, skills for design & build, raised-bed garden techniques & maintenance; crop selection; community organizational skills. Open entry/exit- register any time! Learn at own pace, attend when you like. No exams, quizzes, etc.							
<b>Environmental Management &amp; Technology</b>							
Natural Resources interdisciplinary studies is a career ed. program designed to train students for careers & further ed. pertaining to Bay Area natural history & resources. Info: <a href="http://www.merritt.edu/wp/nhs">www.merritt.edu/wp/nhs</a> or see brochures in Hort foyer							
ENVMT2	Intro to Sustainable Env. Systems	Yael Ehrenberg/Paul Roge	Tuesday	1:00 - 3:50pm	H101	24116	3 units
ENVMT2: Interdisciplinary study of the impact of human civilization on the earth's major ecological systems: Issues examined in historic, contemporary, and future settings, in both Western and non-Western contexts; focus on core concepts and methods related to ecology, sustainability, human population, natural resources, wastes and pollution; reflection on how human economic, political, and ethical behaviors are inextricably interwoven with the environment; environmental career options.							
ENVMT2L	Prin. of Ecology & Sustain. Syst. Lab	Yael Ehrenberg/Paul Roge	Wednesday	1:00 - 3:50pm	H108	24117	1 unit
Field lab course. Identify, measure, test sustainable principles discussed in ENVMT 2/BIO13: Qualitative & macro/micro quant. methods; identifying & sustaining ecosystems; nutrient cycling; geographical & aquatic ecology; population dynamics; water and energy systems; air pollution & hazardous waste, farming methods & use of pesticides.							
ENVMT35	Intro to Urban Agroecology	Yael Ehrenberg/Paul Roge	Tuesday	9:00am - 11:50pm	H101	24118	3 units
Introduction to the expanding production and distribution of healthy food and environmentally sustainable agriculture in and near cities: Organic and intensive agriculture, field methods, policy, economy, ecology, and equity.							
ENVMT35L	Urban Agroecology Lab	Yael Ehrenberg/Paul Roge	Wednesday	9:00am - 11:50pm	H108	24119	1 unit
Practical solutions for ecological farming methods & community food security: practical skills for creating an ecologically based bio-intensive garden; planning, developing, and sustaining small-scale urban food gardens for diverse housing types.							
ENVMT55	Prin. of Conservation & Land Mgmt	TBA	Thursday	6:30 - 9:20pm	H105	24176	3 units
Introduction to natural resources conservation and management: Historical and political overview of conservation and natural resource policies in California and the United States.							
<b>Rev. 11/22/19 • Spring 2020 semester: 1/21 - 5/22/20 • Info: LANHT: <a href="http://www.merritt.edu/wp/lanht">www.merritt.edu/wp/lanht</a> • Nat. Resources: <a href="http://www.merritt.edu/wp/nhs">www.merritt.edu/wp/nhs</a></b>							

# LANHT CLASSROOM GRAPH SPRING 2020

**Everything is subject to change!**

Rev. 11-21-19

TIME	MONDAY			TUESDAY				WEDNESDAY			THURSDAY			FRIDAY			SAT.	
	101	105	108	101	105	108	L132*	101	105	108	101	105	108	101	105	108	108	
				LH501 field @ Merritt LANHT				LH501 Lakeside Park										
				YE/PR						YE/PR	KL					LL	KL	
9-9:30				ENV35						ENV35L	LH87					LH28	LH86	
9:30-10			LL	ENV35				SW		ENV35L	LH87		LL		CG	LH28	LH86	
10:00-12:00			LH1	ENV35				LH5B		ENV35L	LH87		LH76		LH33	LH28	LH86	
12:00-1:00			LH1					LH5B			LH87		LH76		LH33	LH28	LH86	
				YE/PR						YE/PR	JJ			FBW			LH86	
1:00-1:30		SMT	LH1	ENV2	CG	LF		LH5B		ENV2L	LH88	CG	LH76	LH84	LH33	LH28		
1:30-2:00		BotD	LH1	ENV2	LH18B	LH23		LH5B		ENV2L	LH88	LH18LB	LH76	LH84	LH33	LH28		
2:00-3:00		BotD	LH1	ENV2	LH18B	LH23		LH5B		ENV2L	LH88	LH18LB	LH76	LH84	LH33			
3:00-3:30		BotD	LH1	ENV2	LH18B	LH23		LH5B		ENV2L	LH88	LH18LB	LH76	LH84				
3:30-4:00		BotD	LH1	ENV2	LH18B			LH5B		ENV2L	LH88	LH18LB	LH76	LH84				
				LF/CG										LH84				
4:00-4:30				LH210										LH84				
4:30-5:00				LH210					TM				LF					
5:00-6:00				LH210	KW		MS		LH35A	LL				82				
6:00-6:30					Floral	LF	LH34	LF	LH35A	LH24	DM	TBA		82				
6:30-7:00	CG				Floral	LH1E	LH34	LH2E	LH35A	LH24	17E	ENV55		82				
	LH57				Floral	LH1E	LH34	LH2E	LH35A	LH24	17E	ENV55	AM					
7:00-9:00	LH57				Floral	LH1E	LH34	LH2E	LH35A	LH24	17E	ENV55		80				
9:00-9:30	LH57					LH1E	LH34	LH2E	LH35A	LH24	17E	ENV55						
9:30-10:00	LH57						LH34		LH35A	LH24								

\*LH34ABC is in L132 on main campus, library building, lower level (T 6-9:50PM)      LH 501/TB in field T 9- 10:00 Merritt/ W 9:30- 11:15am Lakeside Park  
 LH26: PC D: 3/28 & 4/4 RM: H108

*The mission of Merritt College is to enhance the quality of life in the communities we serve by helping students to attain knowledge, master skills, and develop the appreciation, attitudes and values needed to succeed and participate responsibly in a democratic society and a global economy.*