

# Merritt College LANDHORT Spring 2022

• Everything is subject to change!

• Revised 1/26/22

Class No.	Class title	Instructor	Day(s)	Times	Room no.	Enroll. code	Units
LH1	Introduction to Horticulture	Lawrence Lee	Monday	10am - 3:50pm	Zoom	22437	3 units
LH1E	Introduction to Horticulture	Laura Forlin	Tuesday	6:30 - 9:20pm	Zoom/H108	22438	3 units
LH1E: All online/LH1: Lec online, Lab F2F (optional) Principles and practices of basic landscape horticulture: history, planting, soils, plant structure, propagation, maintenance. Day labs include field work, field trips.							
LH2E	Plant Materials: Tree ID	Laura Forlin	Wednesday	6:30 - 9:20pm	Zoom	24236	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/field	23580	3 units
LH5B: Class meets F2F for field trips to local sites. ID and culture of spring native plants used in landscape: Climate, soil and water preferences; garden culture; pest & disease problems; pruning & propagation.							
LH11	Plant Diseases	Ann Northrup	Thursday	6:30 - 9:20pm	Zoom	22810	3 units
LH11: Identification & control of diseases of landscape plants, both exotic and native.							
LH12	Weeds	Pete Frye	Tuesday	9am -11:50am	Contract Ed	25284	2 units
LH12: Study of nature of weeds and their interactions in the environment: Emphasis on identification and characteristics of various central California weeds, including preventive, biological, and chemical methods of weed control.							
LH17E	Irrigation	Kim Titus	Tuesday	6:30 - 9:20pm	Zoom	23581	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	Zoom	22439/22564 (concurrent)	4 units
LH18B & 18LB are taken concurrently (auto-enrollment in both). Continuation from LH18A/LA, Intro to LD • Principles of sustainable and low-impact design, advanced drawing techniques, cost estimating, planting design principles. 3 units 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. i unit							
LH23	Plant Terminology	Laura Forlin	Thursday	10am - 12:15pm	Zoom	22440	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	Zoom	22442	3 units
LH24: Plant Propagation history, biology; reproduction via grafting, budding, layering, division, from cuttings, seeds; prop. environment, including media, edaphic factors (& effects on plants), fertilization, and greenhouse design.							
LH26	Pruning	Lawrence Lee	Sat/Sun 3/12 & 13 & Sat/Sun 3/20 & 21	9am - 1:35pm	H108	22867	.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	10am- 3:50pm	Zoom/H108	A 22446 B 22448 C 22450 D 22515	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- 23583 B-23585.	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	Wednesday	6:00pm - 9:50pm	Zoom	A- 22452 B- 22454 C-22456	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	Thursday	5:00 - 9:50pm	Zoom	22527	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 - 9:20pm	Zoom	22545	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.							

While most classes are meeting online, our S22 schedule includes hybrid & 100% F2F classes • Be sure to check email and/or Canvas for updates

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LH80	Urban & Community Forestry	Allegra Mautner	Monday	7:00 - 8:50pm	Zoom	23637	2 units
LH80: Urban and community forestry Foundations. Arborist technology; appraisal; managing and applying work practices; policies and vegetation management							
*LH84	Pruning for Urban Community Forestry	Batchelder, Winchester	Friday	10am - 12:50pm	H108	23638	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	23640	2 units
LH86: Applied aerial tree work strategies, practices. Safety, chainsaw operating & pruning at heights; aerial load rigging; climbing in spurs; decision-making for aerial pruning & tree care; aerial rescue training.							
LH210 ABC	Landscape Design Forum ABC	Chris Grampp/Laura Forlin	Tuesday	4:00pm-5:50pm	Zoom	A 22443 B 22444 C 22445	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							
LH230	Introduction to Cannabis Production	Matthew Witemyre	Asynchronous • meets 1/24 - 5/27		Zoom	24028	3 units
LH230: Principles and practical application of commercial cannabis production techniques in the greenhouse and outdoor environment: Overview of the California cannabis industry with emphasis on crop selection and scheduling, market cycles, greenhouse controls and media, watering, basic hydroponics techniques, pest control, post-harvest handling, and marketing							
LH233	Cannabis Careers	Matthew Witemyre	Asynchronous • late start • 3/21 - 5/20		Zoom	24063	1 unit
LH233: Career development strategies and exploration of emerging cannabis industry fields: horticulture jobs incl. nursery mgmt, propagation; harvest/post-harvest sectors, hands-on practice applying & interviewing for jobs							
LH240	Cannabis Garden Cultivation	Matthew Witemyre	Asynchronous • late start • 2/28 - 5/27		Zoom	24726	3 units
LH240: Principles and practices of home cannabis cultivation: Sustainable methods for outdoor production in soil & containers; basic propagation; organic pest control, nutrients, healthy soil; harvest & storage best practices.							
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 fo							
ENVMT2	Intro to Sustainable Env. Systems	Benjamin Nelson	Tuesday/Thursday	9am - 12:00pm	S203	23810	3 units
ENVMT2 100% F2F • ENVMT2: Interdis. study of impact of human civilization on earth's major ecological systems: Issues examined in historic, contemporary & future settings, in both Western and non-Western contexts; focus on core concepts & methods related to ecology, sustainability, human population, natural resources, wastes & pollution; reflection on how human economic, political, & ethical behaviors are inextricably interwoven with the environment; environmental career options.							
ENVMT35	Intro to Urban Agroecology	Elizabeth Boegel	Monday	9:00am - 10:50pm	S421	22703	3 units
ENVMT35 100% F2F • 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	Elizabeth Boegel	Wednesday	9:00am - 11:50pm	self-reliant house	22864	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.							
ENVMT56	Mgmt of Public Parks/Nat. Resources	Ana Arellano	Tuesday	6:30 - 9:20pm	Zoom	24233	3 units
ENVMT56 100% F2F • Introduction to natural resources conservation and management: Historical and political overview of conservation and natural resource policies in California and the United States.							

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