

HORTICULTURE

HORT 1B Basic Horticulture: Crop Production

Surveys the production of ornamental and landscape plants to gain a working knowledge of how light, temperature, water, fertilizers, and soilless media interact in a controlled environment. Recommended Preparation: Eligibility for MATH 154.

Transfer Credit: CSU.

Section	Days	Times	Units	Instructor	Room
74877	T	06:00PM-09:05PM	4.00	P.Shaw	HORT5010
&	W	01:00PM-04:05PM		P.Shaw	HORT5110

HORT 54 Business Aspects of Horticulture

Focuses on starting and managing horticultural businesses, including licenses required, developing a business plan, sales, marketing, computer invoicing, and record keeping legal requirements of employers. Recommended Preparation: Eligibility for MATH 154.

Transfer Credit: CSU.

Section	Days	Times	Units	Instructor	Room
74878	W	09:00AM-12:05PM	4.00	L.Mc Andrews	HORT5010
&	W	01:00PM-04:05PM		L.Mc Andrews	HORT5010

Requires participation in the spring plant sale May 11-13.

HORT 58 Irrigation System Design and Installation

Introduces the fundamentals of residential and commercial irrigation system design and installation using PVC, poly pipe and drip systems, programming irrigation clocks, mainline connection, valve installation and diagnosing system problems. Recommended Preparation: Eligibility for MATH 154.

Transfer Credit: CSU.

Section	Days	Times	Units	Instructor	Room
74879	F	09:00AM-11:05AM	3.00	STAFF	HORT5010
&	F	11:35AM-02:40PM		STAFF	HORT5110

HORT 63 Spring Plant Materials and Design

Covers the identification of the plants used in local landscapes including ornamental grasses, perennials, trees and shrubs. Recommended Preparation: Eligibility for MATH 154.

Transfer Credit: CSU.

Section	Days	Times	Units	Instructor	Room
74880	T	11:10AM-01:15PM	3.00	L.Mc Andrews	HORT5010
&	T	02:30PM-05:35PM		L.Mc Andrews	HORT5010

HORT 66 Landscape Design: Theory and Process

Presents principles of landscape design theory and process including graphics, problem solving, and presentation skills through residential site analysis, program development, case studies, client interaction and site measurement. Recommended Preparation: Eligibility for MATH 154.

Transfer Credit: CSU.

Section	Days	Times	Units	Instructor	Room
74881	M	08:30AM-10:35AM	3.00	M.Arnone	HORT5010
&	M	11:10AM-02:15PM		M.Arnone	HORT5010

HORT 71 Organic Food Production 1

Continues the theory and practices of good management begun in HORT 70 emphasizing springtime, commercial scale, local area, organic vegetable, fruit and flower crops. Prerequisites: HORT 70 or equivalent experience. Recommended Preparation: Eligibility for MATH 154.

Transfer Credit: CSU.

Section	Days	Times	Units	Instructor	Room
74882	M	06:00PM-09:05PM	4.00	D.O'Brien	HORT5010
&	S	09:00AM-12:05PM		D.O'Brien	HORT5010

HORT 125 Introduction to Hydroponic Food Production

Introduces concepts and practices of growing food crops hydroponically, including set up, nutrient solution preparation, lighting needs and pest control. Recommended Preparation: Eligibility for MATH 154.

Section	Days	Times	Units	Instructor	Room
74871	M	08:30AM-11:35AM	2.00	P.Shaw	HORT5110
&	M	12:15PM-01:05PM		P.Shaw	HORT5001

HORT 150 Pest Management

Introduces the concepts and practices of integrated pest management emphasizing identification of insects, vertebrates, diseases and weeds in managed landscapes, crops, nurseries and greenhouses on the Central Coast. Recommended Preparation: Eligibility for MATH 154.

Section	Days	Times	Units	Instructor	Room
74872	TTH	09:30AM-10:50AM	4.00	S.Swezey	HORT5010
&	TH	12:00PM-03:05PM		S.Swezey	HORT5010

HORT 160B Edible Landscaping

Emphasizes the basic principles of home food production; including fruit, nut, herb and vegetable crops best suited to Santa Cruz County, soil preparation and propagation mixes, fertilizer use, care and use of garden tools and pest control techniques. Recommended Preparation: Eligibility for MATH 154.

Section	Days	Times	Units	Instructor	Room
74873	W	06:00PM-09:05PM	3.00	L.Mc Andrews	HORT5005

HORT 162PR Landscape Pruning

Provides hands-on experience using pruning equipment and presents general and specific pruning techniques of common plants in the landscape including ornamental trees, shrubs, vines, roses and fruit trees. Recommended Preparation: Eligibility for MATH 154.

Section	Days	Times	Units	Instructor	Room
74874	S	09:00AM-11:10AM	0.50	P.Quintanilla	HORT5001
&	S	12:00PM-03:10PM		P.Quintanilla	HORT5001
&	Arr.	Arr.		P.Quintanilla	HORT5001

Meets 4 Saturdays: 2/25, 3/3, 3/10, and 3/17. + 50 min arranged per day.

HORT 172 Arboriculture

Introduces the care and management of trees in the landscape providing preparation for the International Society of Arboriculture (ISA) certification exam and covers the selection, training, protecting, fertilizing and the basics of pruning. Recommended Preparation: Eligibility for MATH 154.

Section	Days	Times	Units	Instructor	Room
74876	TH	09:30AM-11:35AM	3.00	P.Shaw	HORT5001
&	TH	12:30PM-03:35PM		P.Shaw	HORT5001