

**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: Transfers to CSU

Section	Days	Times	Units	Instructor	Room
1	W	9:30AM-12:35PM	4.00	P.Shaw	HORT5001
&	W	1:00PM-4:05PM		P.Shaw	HORT5110

Requires participation in spring plant sale May 11-13.

**HORT 54 Business Aspects of Horticulture**

Focuses on starting and managing horticultural businesses including developing a business plan, sales, marketing, licenses required, record keeping, and legal requirements of employers. Discusses a myriad of employment opportunities, especially niche markets. Recommended Preparation: Eligibility for MATH 154.  
Transfer Credit: Transfers to CSU

Section	Days	Times	Units	Instructor	Room
1	T	9:30AM-12:35PM	3.00	C.Johnson	HORT5001

Requires participation in spring plant sale May 11-13.

**HORT 58 Irrigation Systems Design and Management**

Introduces the fundamentals of agricultural, residential, and commercial landscape irrigation systems design, installation, and maintenance with an emphasis on the efficient use of irrigation water in the semi-arid Central Coast climate.  
Recommended Preparation: Eligibility for MATH 154.  
Transfer Credit: Transfers to CSU

Section	Days	Times	Units	Instructor	Room
1	F	9:00AM-12:05PM	3.00	C.Johnson	HORT5010
&	F	12:35PM-1:25PM		C.Johnson	HORT5010

**HORT 63 Spring Plant Materials and Design**

Covers the identification of the plants used in California landscapes including ornamental grasses, perennials, trees, and shrubs. Recommended Preparation: Eligibility for MATH 154.  
Transfer Credit: Transfers to CSU

Section	Days	Times	Units	Instructor	Room
1	W	9:30AM-11:35AM	3.00	N.Hughes	HORT5010
&	W	12:00PM-3:05PM		N.Hughes	HORT5010

**HORT 66 Landscape Design**

Presents principles of landscape design theory; analysis and functional diagrams, form and spatial composition; creative problem solving; and in-depth study of hardscape materials. Recommended Preparation: Eligibility for MATH 154.  
Transfer Credit: Transfers to CSU

Section	Days	Times	Units	Instructor	Room
1	M	8:30AM-10:35AM	3.00	M.Arnone	HORT5010
&	M	11:10AM-2:15PM		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. Prerequisite: HORT 70 or equivalent experience. Recommended Preparation: Eligibility for MATH 154.  
Transfer Credit: Transfers to CSU;UC

Section	Days	Times	Units	Instructor	Room
1	TH	9:30AM-12:35PM	4.00	S.Swezey	HORT5010
&	TH	1:00PM-4:05PM		S.Swezey	HORT5010

Requires participation in spring plant sale May 11-13.

**HORT 125 Hydroponic and Substrate Production**

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

Section	Days	Times	Units	Instructor	Room
1	F	12:35PM-2:40PM	3.00	P.Shaw	HORT5001
&	F	9:00AM-12:05PM		P.Shaw	HORT5001

Requires participation in spring plant sale May 11-13.

**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
1	T	9:30AM-12:35PM	4.00	S.Swezey	HORT5010
&	T	1:00PM-4:05PM		S.Swezey	HORT5010

**HORT 160B Edible Landscaping**

Provides an introduction to designing, growing, and harvesting edible plants in the landscape with a focus on fruits and vegetables as well as food issues highlighting the value of whole food diets using documentary films. Recommended Preparation: Eligibility for MATH 154.

Section	Days	Times	Units	Instructor	Room
1	W	6:00PM-9:05PM	3.00	C.Johnson	HORT5005

**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
1	TH	9:30AM-11:35AM	3.00	P.Quintanilla	HORT5001
&	TH	12:30PM-3:35PM		P.Quintanilla	HORT5001

**HORT 173 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 and vines, roses, and fruit trees. Recommended Preparation: Eligibility for MATH 154.

Section	Days	Times	Units	Instructor	Room
1	S	9:00AM-10:25AM	1.00	P.Quintanilla	HORT5001
&	S	12:00PM-3:10PM		P.Quintanilla	HORT5001

Meets 8 Saturdays: 2/3, 2/10, 2/24, 3/3, 3/10, 3/17, 3/24, and 4/7.