

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
61142	T	06:00PM-09:10PM	4.00	P.Shaw	5010
&	W	01:00PM-04:10PM		P.Shaw	5110
&	Arr.	Arr.		P.Shaw	5110

+ 2 hr 10 min arranged per week.

HORT 52 Greenhouse Design and Operation

Presents the design and management of commercial and residential greenhouses including site analysis, greenhouse styles, glazing, circulation, cooling, venting, heating systems, and control systems. Recommended Preparation: Eligibility for MATH 154.

Transfer Credit: CSU.

Section	Days	Times	Units	Instructor	Room
61143	M	06:00PM-09:10PM	3.00	P.Shaw	5010

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
61144	TH	06:00PM-09:10PM	4.00	C.Elliott	5010
&	F	09:00AM-12:10PM		C.Elliott	5110

HORT 63 Spring Plant Materials and Design

Covers the identification of approximately 100 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
61146	T	11:10AM-01:20PM	3.00	L.Mc Andrews	5010
&	T	02:30PM-05:40PM		L.Mc Andrews	5010

HORT 65 Landscape Design Graphics

Introduces landscape design graphics using various media including pencil, ink, and colored pencils to create base plans, plan views, elevation and perspective drawings. Recommended Preparation: Eligibility for MATH 154.

Transfer Credit: CSU.

Section	Days	Times	Units	Instructor	Room
61881	TH	05:30PM-09:45PM	2.00	L.Mc Andrews	SV04

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.

Transfer Credit: CSU.

Section	Days	Times	Units	Instructor	Room
61147	M	08:30AM-10:40AM	3.00	M.Arnone	5010
&	M	11:10AM-02:20PM		M.Arnone	5010

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
61138	TTH	09:30AM-11:00AM	4.00	S.Swezey	5010
&	TH	12:00PM-03:10PM		S.Swezey	5010

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.

Section	Days	Times	Units	Instructor	Room
61139	W	06:00PM-09:10PM	3.00	L.Mc Andrews	5005

HORT 162AA Organic Food Production 1

Introduces the theory and practices of running a commercial organic farm, including propagation, soil fertility, pest management and business considerations.

Section	Days	Times	Units	Instructor	Room
62228	M	06:00PM-09:10PM	4.00	STAFF	5005
&	S	9:00AM-12:10PM		STAFF	5010

HORT 162SP Spring Nursery and Greenhouse Production

Introduces the techniques used in producing plants grown in the nursery and greenhouse industry with an emphasis on practical hands-on experience with spring season and spring holiday crops. Repeatability: May be taken 4 times. Recommended Preparation: Eligibility for MATH 154.

Section	Days	Times	Units	Instructor	Room
61140	S	01:00PM-04:10PM	1.00	R.Hall	5300

HORT 164 California Native Plants & Plant Communities

Covers the identification of native plants and their best uses in the developed landscape, and includes discussion of the diverse native plant communities of California. Recommended Preparation: Eligibility for MATH 154.

Section	Days	Times	Units	Instructor	Room
61141	F	08:30AM-09:35AM	2.00	L.Mc Andrews	5010
&	F	10:00AM-01:10PM		L.Mc Andrews	5010

First class will meet in Room 614.

HORT 170 Restoration Landscaping

Explores the theory and practice of restoring native landscapes with the goal of promoting biodiversity, mimicking natural habitats, solving erosion problems and assessing compromised soil situations. Recommended Preparation: Eligibility for MATH 154.

Section	Days	Times	Units	Instructor	Room
61897	W	10:00AM-12:10PM	3.00	J.Fodor	5010
&	W	01:00PM-04:10PM		J.Fodor	5010

Ⓞ/Ⓟ indicate open entry classes—open through the 12th week of instruction 🗨 indicate writing factor classes; Ⓜ Honors classes;
 🌍 indicate multicultural classes; 🧘 indicate health and wellness classes 📺 some sections of this course are taught in a distance education format.