

## HORTICULTURE

### HORT 1A Basic Horticulture

Surveys the horticulture industry emphasizing plant forms, growth and development, and identifying sustainable techniques for landscaping, ornamental plant and food production systems. Recommended Preparation: Eligibility for MATH 154.

*Transfer Credit:* CSU.

Section	Days	Times	Units	Instructor	Room
63621 &	T W	06:00PM-09:05PM 01:00PM-04:05PM	4.00	P.Shaw P.Shaw	5005 5110
63622 &	T S	06:00PM-09:05PM 09:00AM-12:05PM	4.00	P.Shaw P.Shaw	5005 5110

### HORT 2 Soil Science and Management

Examines physical, chemical and biological composition of soils, local soil formations, methods of soil sampling and testing, fertilizer and liming techniques, production and use of organic and chemical fertilizers, green manures and relationship between soils and human culture. Recommended Preparation: Eligibility for MATH 154.

*Transfer Credit:* CSU.

Section	Days	Times	Units	Instructor	Room
63623 &	TTH TH	09:30AM-10:50AM 12:40PM-03:45PM	4.00	P.Shaw P.Shaw	5010 5010

### HORT 54 Business Aspects of Horticulture

Introduces topics relevant to starting and managing a horticultural business, including developing a business plan, sales and marketing, record keeping and responsibilities of employers. Recommended Preparation: Eligibility for MATH 154.

*Transfer Credit:* CSU.

Section	Days	Times	Units	Instructor	Room
63624	W	09:30AM-12:35PM	3.00	L.Mc Andrews	5010

### HORT 57 Landscape Construction

Presents an overview of the landscape contracting industry and provides hands-on experience with landscape construction techniques including site layout and preparation, planting, interlocking pavers, retaining walls, wood construction and water features as well as bidding and estimating projects. Recommended Preparation: MATH 154.

*Transfer Credit:* CSU.

Section	Days	Times	Units	Instructor	Room
63625 &	F F	09:00AM-11:05AM 11:30AM-02:35PM	3.00	P.Shaw P.Shaw	5005 5005

### HORT 60A Landscape Gardening

Introduces principles and applications of residential landscape design, installation and maintenance including pruning, construction, plant selection, use of new and recycled materials, and water conserving concepts.

*Transfer Credit:* CSU.

Section	Days	Times	Units	Instructor	Room
63626	W	06:00PM-09:05PM	3.00	L.Mc Andrews	5005

### HORT 62 Fall Plant Materials and Design

Covers the identification of 100 of the plants used in local landscapes including native and introduced trees, shrubs, groundcovers, and vines. Also covers the uses of plants in the landscape, California natives firescaping, history of gardens, selecting groundcovers, plant selection software and planting design. Recommended Preparation: Eligibility for MATH 154.

*Transfer Credit:* CSU.

Section	Days	Times	Units	Instructor	Room
63627 &	T T	11:10AM-01:15PM 02:30PM-05:35PM	3.00	L.Mc Andrews L.Mc Andrews	5010 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
63628 &	M M	08:30AM-09:20AM 10:00AM-01:05PM	2.00	M.Arnone M.Arnone	5010 5010

### HORT 100A Plant Propagation

Presents techniques in plant propagation including seed collection, handling and sowing as well as producing plants from cuttings, layering, leaf pieces, division, and grafting. Recommended Preparation: Eligibility for MATH 154. Repeatability: May be taken 3 times.

Section	Days	Times	Units	Instructor	Room
63615	M	01:00PM-04:05PM	1.00	K.Navarez	5300

### HORT 120 Organic Agriculture

Introduces organic agriculture with an emphasis on organic food production and a practical understanding of the philosophy, principles and practices of organic crops. Recommended Preparation: Eligibility for MATH 154.

Section	Days	Times	Units	Instructor	Room
63617	F	10:00AM-01:05PM	3.00	S.Swezey	5010

### HORT 162AD Organic Food Production 4

Includes the theory and practice of commercial organic farming, including propagation, soil fertility, pest management and business considerations.

Section	Days	Times	Units	Instructor	Room
64781 &	M S	06:00PM-09:05PM 09:00AM-12:05PM	2.00	S.Swezey S.Swezey	5010 5010

Meets 9/14-11/7.

### HORT 175 Sustainable Landscaping

Introduces sustainable landscaping theories and practices including designing and maintaining ecologically sound landscapes as well as renovating existing gardens with living walls, green roofs, permeable hardscapes and rainfall catchment systems. Recommended Preparation: Eligibility for MATH 154.

Section	Days	Times	Units	Instructor	Room
63620 &	TH Arr.	06:00PM-08:05PM Arr.	2.00	L.McAndrews L.McAndrews	5010 OFFCAM

+ 34 hr arranged over six required field trips, Saturdays: 9/12, 10/3, 10/17, 11/7, 11/21, and 12/5 from 9:30AM-3:15PM.