















































Horticulture Department Course Offerings

Course #	Course Name	Unit	Fall / Spring	Applies to which degree:
HORT A100	Horticulture Science	3	Fall / Spring	
HORT A101	Current Topics in Horticulture	1.5	Fall / Spring	
HORT A105	Botany For Gardeners	3	Fall	
HORT A109	Knowing Your Soils	3	Fall	 
HORT A111	Landscape Drafting Techniques	1	Fall	  
HORT A115	Landscape Graphics	3	Spring	 
HORT A116	Digital Design	3	Spring	 
HORT A150	Landscape Maintenance	3	Spring	
HORT A151	Introduction to Tree Care	2	Fall	
HORT A170	Pest Control Applicators / PCO Cert	1	Fall	
HORT A181	Ornamental Trees	3	Fall	 
HORT A182	Ornamental Shrubs	3	Spring	 
HORT A183	Plant Propagation	3	Spring	
HORT A184	Greenhouse and Nursery Science	3	Fall	
HORT A185	Plant Diseases	1.5	Fall	
HORT A186	Pests of Ornamentals	1.5	Spring	
HORT A187	Interior Plantscaping	2	Fall	
HORT A189	Weeds and Their Control	1.5	Spring	
HORT A190	California Friendly Landscapes	2	Spring	  
HORT A191	Cacti and Succulents	1.5	Spring	 
HORT A200	History of Landscape Design	3	Fall / Spring	 
HORT A283	Therapeutic Gardens	2	Spring	
HORT A284	Portfolio Development	1.5	Fall	 
HORT A285	Introduction to Landscape Design	3	Fall / Spring	  
HORT A286	Landscape Design Elements	2	Spring	 
HORT A287	Planting Design	2	Fall	 
HORT A288	Sprinkler Irrigation System Design	2	Spring	  
HORT A289	Installing Residential Irrigation System	1	Spring	  



Horticulture – Certificate of Achievement

This certificate prepares students for employment in the California horticulture and landscape contracting industries by providing practical, hands-on experience. These positions include those in nursery practice, production and sales, arboriculture, interior plantscaping, landscape construction, and maintenance. **Students who complete these Certificate of Achievement requirements and also fulfill the Associate in Science graduation requirements can apply and earn an Associate in Science degree in Horticulture.**

REQUIRED COURSES - twelve (12) units

Course #	Course Name	Units	Offered in:
HORT A105	Botany for Gardeners (or)	3	Fall
BIOL A183	Botany		Fall / Spring
HORT A109	Knowing Your Soils	3	Fall
HORT A181	Ornamental Trees	3	Fall
HORT A182	Ornamental Shrubs	3	Spring

In addition to the required courses:

Select at least six (6) units from Fall courses and six (6) units from Spring courses, totaling twelve (12) completed unique Horticulture units. Any OCC Business course A100 or higher may be taken to earn 3 units towards this certificate.



Retrofitting California Urban Gardens – Certificate of Specialization

This certificate is designed to provide formal training for individuals interested in transforming the current urban landscape into water-wise sustainable gardens. Students are provided with skills, knowledge, and resources they will need to design various sustainable landscapes upon completion of the certificate.

REQUIRED COURSES – ten and a half (10.5) units

Course #	Course Name	Units	Offered in:
HORT A111	Landscape Drafting Techniques	1	Fall
HORT A190	California Friendly Landscapes	2	Fall / Spring
HORT A191	Cacti and Succulents	1.5	Spring
HORT A285	Introduction to Landscape Design	3	Fall / Spring
HORT A288	Sprinkler Irrigation Systems Design	2	Spring
HORT A289	Installing Residential Irrigation Systems	1	Spring



Basic Landscape Design – Certificate of Specialization

This certificate is designed to provide employable technical entry-level skill training in the field of professional residential landscape design; or for continued professional achievement and advancement; or anyone interested in a broader range of knowledge in this area. Graduates of this program will be able to visually and verbally communicate basic horticulture concepts to clients, contractors, and public agencies.

REQUIRED COURSES – nine (9) units

Course #	Course Name	Units	Offered in:
HORT A111	Landscape Drafting Techniques	1	Fall
HORT A115	Landscape Graphics	3	Spring
HORT A285	Introduction to Landscape Design	3	Fall / Spring
HORT A287	Planting Design	2	Spring



Intermediate Landscape Design and Landscape Specialist – Certificate of Specialization

This certificate builds on the fundamentals of landscape design and incorporates plant biology and historical design concepts. The influence of environmental concerns, changing horticultural techniques, and technological innovations in design will also be covered in this program.

REQUIRED COURSES – thirteen (13) units

Course #	Course Name	Units	Offered in:
HORT A105	Botany for Gardeners	3	Fall
HORT A116	Digital Design	3	Spring
HORT A190	California Friendly Landscapes	2	Fall / Spring
HORT A200	History of Landscape Design	3	Fall / Spring
HORT A286	Landscape Design Elements	2	Spring



Advanced Landscape Design and Landscape Specialist – Certificate of Specialization

As the most comprehensive design certificate offered by the Horticulture Department, this program enables students to develop aesthetic sensitivity and environmental awareness, a thorough knowledge of historical precedent, a definable and defensible design methodology, the technical knowledge and skills necessary to compete effectively for jobs in the field, and a comprehensive design portfolio.

REQUIRED COURSES – thirteen and a half (13.5) units

Course #	Course Name	Units	Offered in:
HORT A109	Knowing Your Soils	3	Fall
HORT A181	Ornamental Trees	3	Fall
HORT A182	Ornamental Shrubs	3	Spring
HORT A284	Portfolio Development	1.5	Fall
HORT A288	Sprinkler Irrigation Systems Design	2	Spring
HORT A289	Installing Residential Irrigation Systems	1	Spring