



Applied Technology

# Horticulture

2

Years

TO DEGREE

5

Classes

TO CERTIFICATE

\$61k+

AVERAGE SALARY

ISA-Certified Arborist

8,000+

ANNUAL JOBS OPENINGS

Garden/Landscaping

## Program Overview

MPC provides a well-rounded education in plant science: basics of botany, soil science, plant identification, plant propagation, and garden design. Coursework in irrigation, pest management, and/or arboriculture specialties prepares students for industry-recognized certification and enhances their value to local employers. Students gain experience and earn credit with on-the-job learning through the Cooperative Work Experience program.

## Job Outlook

Certificates of Achievement are aligned with industry-recognized certifications and can be earned with as few as three courses, which students can build upon with further coursework to earn a certificate or AS degree in horticulture. Horticulture-related job opportunities include landscape installation, landscape maintenance, irrigation specialists, arborists, nursery workers, and others. Program graduates who undertake study at four-year universities can pursue careers in landscape architecture, botany, environmental science, and many others.

## CAREERS

### Pest Management Technicians

\$27,760 - \$101,650

### Landscape Contractors

\$30,420 - \$65,050

### Tree Trimmers & Pruners

\$32,010 - \$68,570

### \*Agricultural Inspectors

\$30,760 - \$78,370

### \*Landscape Architects

\$50,900 - \$136,140

\*Requires additional training  
Source: Bureau of Labor Statistics (CA data)



CSU Monterey Bay  
Cal Poly San Luis Obispo  
UC Berkeley



# Horticulture

## Suggested Course Sequence

**Associate in  
Science Degree**  
MPC GE Pattern

YEAR	FALL		SPRING	
		Units		Units
1	ENGL 1A	3	Area A2	3-5
	MPC Elective	2	MATH 263 or 16 rec.	
	ENGL 101A rec.		HORT 52	3
	LIBR 50	1	HORT 62	3
	HORT 51	3	HORT 65	3
	HORT 61	3	Elective	3
	HORT 55 and 202, 70, or 78	3-3.5	Additional HORT courses rec.	
	<b>Total Fall Units</b>	<b>15-15.5</b>	<b>Total Spring Units</b>	<b>15-17</b>
2	FALL		SPRING	
		Units		Units
	Area B & Lab	4	Area D	3
	Area C	5	POLS 1, 10, 16, or 18 rec.	
	SPAN 1 or 1S rec.		Area F	3
	Elective	3	HIST 12, 24, or 25 rec.	
	Additional HORT courses rec.		Elective	3
	MPC Elective	3	Additional HORT courses rec.	
	ENGL 2 rec.		MPC Elective	3
			SPCH 1, 2, or 3 rec.	
		MPC Electives	3	
	<b>Total Fall Units</b>	<b>15</b>	<b>Total Spring Units</b>	<b>15</b>

YEAR

1

Total Units:  
30-32.5

YEAR

2

Total Units:  
30

This is a suggested sequence of coursework and is one pathway for students to earn their degree/certificate. This is not an official educational plan. A counselor is able to assist you with creating a personalized education plan based on your academic, career, and personal goals. For more information about counseling and up-to-date program requirements, please visit [www.mpc.edu/counseling](http://www.mpc.edu/counseling).



*The program at MPC gave me the foundations and social networking connections to branch out and start learning about the amazing people in our community — from master gardeners to owners of irrigation supply stores to local arborists. As a man at my place in the career cycle, this goes above and beyond the usefulness in establishing myself in the trade.*

**Chris Stearns**

MPC Graduate

Monterey Peninsula College (MPC) is a fully accredited California public community college. The college is known for the excellence of its academic programs and student support services.

### Campus Locations

Monterey  
Marina  
Seaside  
Online

### Website

[www.mpc.edu/hort](http://www.mpc.edu/hort)

### Contact Information

John Kern  
Department Chair  
(831) 646-4125  
[jkern@mpc.edu](mailto:jkern@mpc.edu)

Division Office  
(831) 646-4125



**MONTEREY PENINSULA**  
College