

# HORTICULTURE CERTIFICATE

The non-transfer Certificate in Horticulture is primarily designed to prepare the student for entry into careers associated with golf course management, turf management, or other green industry. This program specifically provides students with a strong foundation in turf management, water usage, fertility, soils, horticulture, and human resource management for golf courses, recreational parks, sports fields, and general landscape areas. This program also prepares students to enter the job market as a golf course superintendent, field crew supervisor, irrigation technician, equipment manager, grounds person for parks, cities, and school districts, or field crew foreman for landscape contractors.

CT.TMGMT

## Program Map

### Design Your Future!

Begin by exploring MSJC program maps to find career or transfer (<https://msjc.emsicc.com/?radius=&region=All%20Regions>) opportunities. Program maps show the recommended course sequence that leads to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Fall Semester 1		Units
HORT-501	Horticulture Science (formerly HORT-101)	3
HORT-109 or HORT-510	Landscape Design or Laws and Regulations, an Integrated Pest Management Approach (formerly HORT-110)	3
Units		6
Spring Semester 1		
HORT-502	Introduction to Turfgrass Management (formerly HORT-102)	3
HORT-505 or HORT-507	Golf Course/Landscape Irrigation (formerly HORT-105) or Arboriculture (formerly HORT-107)	3
Units		6
Fall Semester 2		
HORT-504	Soil Science and Management (formerly HORT-104)	3
HORT-503 or HORT-506	Advanced Turfgrass Management (formerly HORT-103) or Pesticide Law & Regulations - Turf & Landscape (formerly HORT-106)	3
Units		6
Total Units		18

Courses that fulfill major requirements for a certificate or associate degree in this program might not be the same as those required for transfer into the major at a four-year university. Many of these courses are designed around those courses and have been used to develop these

classes. This will allow them to use these courses as transfers into those similar degree programs.

## Requirements

Course	Title	Credits
<b>Required Courses</b>		
HORT-501	Horticulture Science (formerly HORT-101)	3
HORT-502	Introduction to Turfgrass Management (formerly HORT-102)	3
HORT-504	Soil Science and Management (formerly HORT-104)	3
Subtotal		9
<b>Elective Courses</b>		
Select three courses from the following:		9
HORT-109	Landscape Design	
HORT-503	Advanced Turfgrass Management (formerly HORT-103)	
HORT-505	Golf Course/Landscape Irrigation (formerly HORT-105)	
HORT-506	Pesticide Law & Regulations - Turf & Landscape (formerly HORT-106)	
HORT-507	Arboriculture (formerly HORT-107)	
HORT-510	Laws and Regulations, an Integrated Pest Management Approach (formerly HORT-110)	
Subtotal		9
Total Units		18

## Career Exploration

Discover information about careers that interest you!

1. Take a **Career Quiz** (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available **in-demand jobs** (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the **MSJC Program** (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

## Gainful Employment Disclosures: Horticulture

Gainful Employment Disclosures – 2024

Program Name HORTICULTURE

This program is designed to be completed in 12 months.

This program will cost \$1,242 if completed within normal time. There may be additional costs for living expenses. These costs were accurate at the time of posting, but may have changed.

Of the students who completed this program within normal time, the typical graduate leaves with \$0 of debt.

**The following States do not have licensure requirements for this profession: California**

For more information about graduation rates, loan repayment rates, and post-enrollment earnings about this institution and other postsecondary institutions please click here:

<https://collegescorecard.ed.gov/>

**NOTE:**

Cost per unit \$46

Nonresident Fees- Tuition: \$318

Capital Outlay: \$58

Parking Permits cost \$90 a year or \$45 a semester

RTA Go Pass cost \$16 a year or \$8 a semester

SGA discount sticker (optional) - \$14 a year or \$7 a semester

Student representation fee (optional) - \$4 a year or \$2 a semester

Student Health Center Fee - \$52 a year or \$26 a semester

\*For summer session fees and non-CA resident tuition, please

see: <https://www.msjc.edu/enroll/what-fees-do-i-have-to-pay.html>