

HORTICULTURE, A.S.

The non-transfer Degree Program 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. This program will offer a more well rounded education experience and require the student to attain their general education as well as the classes within this degree program.

AS.TMGMT

Program Map Design Your Future!

Begin by exploring MSJC program maps to find career or transfer (<https://msjc.emsicc.com/?radius=®ion=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	Landscape Design	3
HORT-510	Laws and Regulations, an Integrated Pest Management Approach (formerly HORT-110)	3
PS-101	Introduction to American Government and Politics	3
ENGL-101	College Composition	3

Units 15

Spring Semester 1		Units
HORT-502	Introduction to Turfgrass Management (formerly HORT-102)	3
HORT-505	Golf Course/Landscape Irrigation (formerly HORT-105)	3
HORT-507	Arboriculture (formerly HORT-107)	3
MATH-105	College Algebra ¹	4
COMM-103	Interpersonal Communication	3

Units 16

Fall Semester 2		Units
HORT-503	Advanced Turfgrass Management (formerly HORT-103)	3
HORT-504	Soil Science and Management (formerly HORT-104)	3
HORT-506	Pesticide Law & Regulations - Turf & Landscape (formerly HORT-106)	3

SPAN-101	Elementary Spanish I (or higher)	4
GEOG-111	Geography of California	3

Units 16

Spring Semester 2

CSCR-116	Integrative Career/Life Planning (formerly GUID-116)	3
BIOL-144	Plant Biology	4
CWE-549	General Work Experience	1

Select one of the following: 3

ETHS/PS-103	Ethnic Politics in America	
ETHS-112	Introduction to Chicana/o/x Studies	
ETHS/SJS-113	Introduction to Black Studies	
ETHS/HIST-160	Black History in American Context	
ETHS/LIT-240	American Indian Literature	
ETHS/LIT-275	Latinx/Chicanx Literature	
ETHS/LIT-280	Multiethnic Literature (formerly ENGL-280)	
ANTH/HIST-121	Indigenous Peoples of California	

MGT-500	Introduction to Management (formerly MGT-103)	3
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Units 14

Total Units 61

¹ AREA G (Math Competency) can be demonstrated by a high school math course at or above the level of Algebra 2 with a grade of C or better

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Requirements

Course	Title	Credits
MSJC General Education Option A (https://catalog.msjc.edu/degrees-certificates-curricula/general-education-option-a/)		24
Required Horticulture Courses		9
Horticulture Electives		9
Electives (as needed to reach 60 units)		

Course	Title	Credits
Required Courses		

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

Elective Courses

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.