

# HORTICULTURE/TURF & LANDSCAPE MANAGEMENT

**San Jacinto Campus**  
 (951) 487-MSJC (6752)  
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 Dean of Instruction, Career Education & Categorical  
 Programs (951) 639-5352

Degree(s)

**Transfer:**  
 None

**Non-Transfer:**  
 A.S. in Turf & Landscape Management<sup>12877 AS.TMGMT</sup>  
*(with General Education Requirements Option A)*

Certificate(s)  
 Certificate in Turf & Landscape Management<sup>18192 CTTMGMT</sup>

Employment Concentration Certificate(s)  
 Golf and Grounds<sup>99999 ECC.HORTE&G</sup>  
 Irrigation Technician<sup>99999 ECC.AGT.M.IT</sup>  
 Landscaping Operation<sup>99999 ECC.LANDOP</sup>

## PROGRAM DESCRIPTION

The non-transfer Certificate/Associate degree (A.S.) in Turf & Landscape Management is primarily designed to prepare the student for entry into careers associated with golf course management and turf management. 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. The Certificate/Associate degree (A.S.) program in Turf & Landscape Management prepares students with the technical and analytical skills necessary for managing a golf course or turf/horticultural area. For individuals currently working within these fields, there may be potential for salary and/or career advancement.

## CAREER OPPORTUNITIES

All career opportunities listed are representative careers in each field. There are no guaranteed positions for students completing these programs. ([See: www.onetonline.org](http://www.onetonline.org))

### Non-Transfer Degree

First-Line Supervisor/Manager of Landscaping, Lawn Service, Grounds Maintenance Worker, Pesticide Handler, Sprayer, Applicators

## Certificate

First-Line Supervisor/Manager of Landscaping, Lawn Service, Grounds Maintenance Worker, Pesticide Handler, Sprayer, Applicators

## Employment Concentrations

First-Line Supervisor/Manager of Landscaping, Lawn Service, Grounds Maintenance Worker, Pesticide Handler, Sprayer, Applicators

## TRANSFER PREPARATION

MSJC offers a range of course work to prepare students to transfer to four-year colleges and universities. Courses that fulfill major requirements for an associate degree in this program might not be the same as those required for transfer into the major at a four-year university. All four-year institutions prescribe their own standards for course evaluation and admissions. Prospective transfer students are advised to research careers, degrees and majors in the Career/Transfer Center, access [www.assist.org](http://www.assist.org), review the MSJC catalog and meet with a counselor to expedite their transfer plan.

## LEARNING OUTCOMES

- Demonstrate knowledge of soil profiles, soil nutrients, water sources and industry practices, i.e. soil testing to solve problems involving soil compaction, lack of proper nutrients, and improper watering practices.
- Inventory career and professional opportunities in the green industry.
- Compare and contrast procedures used in soil test and plant selection and uses.
- Discover and employ basic botanical vocabulary and style to evaluate plant, soil, and water problems.
- Compare and contrast the growth and development pattern of plants.
- Assemble and synthesize information regarding plant, soil, water, air, and organisms as they relate to maintenance of golf courses and other landscape projects.

## DEGREE

### Non-Transfer Degree

#### Turf & Landscape Management

In addition to the 18 units of the certificate program in Turf & Landscape Management, students must also complete all MSJC General Education Option A requirements (a total of 60 units) for the Associate of Science degree in Turf & Landscape Management.

## CERTIFICATE

The Turf & Landscape Management certificate includes 9 units of foundational courses and 9 units of elective courses per employment concentration.

#### Certificate in Turf & Landscape Management (18 units)

##### Required Core Courses (9 units)

HORT-101	Horticulture Science	3 units
HORT-102	Introduction to Turfgrass Management	3 units
HORT-104	Soil Science and Management	3 units

## EMPLOYMENT CONCENTRATIONS

#### Golf and Grounds Concentration (9 units)

##### Choose 9 units from the following:

HORT-103	Advanced Turfgrass Management	3 units
HORT-105	Golf Course/Landscape Irrigation	3 units
HORT-106	Pesticide Law & Regulations - Turf & Landscape	3 units

HORT-107	Arboriculture	3 units
MGT-103	Introduction to Management	3 units

#### Irrigation Technician Concentration (9 units)

##### Choose 9 units from the following:

HORT-103	Advanced Turfgrass Management	3 units
HORT-105	Golf Course/Landscape Irrigation	3 units
HORT-107	Arboriculture	3 units
MGT-103	Introduction to Management	3 units

#### Landscaping Operation Concentration (9 units)

##### Choose 9 units from the following:

HORT-101	Horticulture Science	3 units
HORT-106	Pesticide Law & Regulations – Turf & Landscape	3 units
HORT-107	Arboriculture	3 units
HORT-109	Landscape Design	3 units
HORT-110	Laws and Regulations, an Integrated Pest Management Approach	3 units
MGT-103	Introduction to Management	3 units



**Mt. San Jacinto College**  
 Undergraduate certificate in Turf & Landscape Management  
 Program Length: 36 weeks

**Students graduating on time**

6% of Title IV students complete the program within 36 weeks<sup>1</sup>

**Program Costs\***

\$828 for in-state tuition and fees

\$6,138 for out-of-state tuition and fees

\$1,971 for books and supplies

Other Costs:

Parking Permits cost \$68 a year or \$34 a semester

RTA Go Pass cost \$12 a year or \$6 a semester

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

Student representation fee (optional) - \$2 a year or \$1 a semester

Help a Student Fund (optional) - \$4 a year or \$2 a semester

Student Health Center Fee - \$40 a year or \$20 a semester

\*For summer session fees, please see: <https://www.msjc.edu/StudentServices/EnrollmentServices/Pages/What-Fees-do-I-have-to-pay.aspx>

Visit website for more program cost information: [www.msjc.edu/StudentServices/EnrollmentServices/Pages/What-Fees-do-I-have-to-pay.aspx](http://www.msjc.edu/StudentServices/EnrollmentServices/Pages/What-Fees-do-I-have-to-pay.aspx)

\*The amounts shown above include costs for the entire program, assuming normal time to completion.

Note that this information is subject to change.

**Students Borrowing Money**

**The typical graduate leaves with**

N/A\* in debt<sup>3</sup>

\*Fewer than 10 students completed this program within normal time. This number has been withheld to preserve the confidentiality of the students.

**The typical monthly loan payment**

N/A\* per month in student loans with an interest rate of N/A\*<sup>4</sup>.

\*Fewer than 10 students completed this program within normal time. This number has been withheld to preserve the confidentiality of the students.

**Graduates who got jobs**

N/A\* of program graduates got jobs

\*We are not currently required to calculate a job placement rate for program completers.

**Program graduates are employed in the following fields:**

First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers: <http://onetonline.org/link/summary/37-1012.00>

Pesticide Handlers, Sprayers, and Applicators, Vegetation: <http://onetonline.org/link/summary/37-3012.00>

**Licensure Requirements<sup>6</sup>**

The following do not have licensure requirements for this profession:

**California**

**Additional Information:**

No additional notes provided.

Date Created: 5/16/2019

These disclosures are required by the U.S. Department of Education

**Footnotes:**

<sup>1</sup> The share of students who completed the program within 100% of normal time (36 weeks).

<sup>2</sup> The share of students who borrowed Federal, private, and/or institutional loans to help pay for college.

<sup>3</sup> The median debt of borrowers who completed this program. This debt includes federal, private, and institutional loans.

<sup>4</sup> The median monthly loan payment for students who completed this program if it were repaid over ten years at a NA\* interest rate.

<sup>5</sup> The median earnings of program graduates who received Federal aid.

<sup>6</sup> Some States require students to graduate from a state approved program in order to obtain a license to practice a profession in those States.

**<sup>7</sup> State Job Placement Rate:**

Name of the state this placement rate is calculated for:

N/A

Follow the link below to find out who is included in the calculation of this rate:

[N/A](#)

What types of jobs were these students placed in?

N/A

When were the former students employed?

N/A

How were completers tracked?

N/A

**<sup>8</sup> Accreditor Job Placement Rate:**

Name of the accrediting agency this placement rate is calculated for:

N/A

Follow the link below to find out who is included in the calculation of this rate:

[N/A](#)

What types of jobs were these students placed in?

N/A

When were the former students employed?

N/A

How were completers tracked?

N/A