

PROGRAM APPROVAL APPLICATION
NEW or SUBSTANTIAL CHANGE or LOCALLY APPROVED
(This application may not exceed 3 pages)

Fill In Form

Landscape Construction

Proposed Program Title

Mt. San Antonio College

College

Mt. San Antonio College

District

July 1, 2015

Projected Program Start Date

Jemma Blake-Judd

Voting Member

Associate Dean, Technology & Health

Title

909-594-5611 X3934

Phone Number

jbjudd@mtsac.edu

E-mail Address

Goal(s) of Program (Check all that apply):

Career Technical Education (CTE)

Transfer

Other

Type of Program (Check all that apply):

A.S. Degree

A.A. Degree

Certificate of Achievement:

18+ semester (or 27+ quarter) units

12-18 semester (or 18-27 quarter) units

Reason for Approval Request: (Check One)

New Program

Substantial Change

Locally Approved

Program Information

Recommended Taxonomy of Program (TOP) Code 010910

Units for Major-Degree n/a

Total Units for Degree n/a

Required Units-Certificate 18

Written Form

1. Insert the description of the program as it will appear in the catalog.

The courses in Landscape Construction are designed to enable students to prepare for exciting careers in the essential and diverse horticulture profession. Careers in nursery management, retail garden centers, landscape design, installation and maintenance, arboretum and botanic gardens, arboriculture, interior landscaping, education, and research are just some of the options. This certificate is part of Mt. SAC's comprehensive agricultural sciences program. The program is unique in that most of the courses provide hands-on experience and are designed to give the student combination of practical skills and technical knowledge.

2. Provide a brief rationale for the program.

Mt. SAC's horticulture advisory committee made the recommendation to modify nine certificates and create three new certificates in order to provide students with the opportunity to acquire a greater variety of specific skill sets, increasing the diversity of employment opportunities.

3. List all courses required for program completion, including core requirements, restricted electives and prerequisites. (Push Enter after each entry to begin a new line)

Courses	Course No.	Course Title	Units
Equipment Operations	AGOR 51	Equipment Operations	3.00
Irrigation Design and Installation	AGOR 62	Irrigation Design and Installation	3.00
Irrigation Systems Management	AGOR 63	Irrigation Systems Management	3.00
Landscape Construction	AGOR 71	Landscape Construction	3.00
Landscape Hardscape Applications	AGOR 72	Landscape Hardscape Applications	3.00
Landscape Contract Law	AGOR 73	Landscape Contract Law	3.00

4. Summarize the Labor Market Information and employment outlook (including citation of the source of the data) for students exiting the program.

According to the Bureau of Labor Statistics (May of 2012), a Landscape Construction Certificate would prepare students for careers in the following category:

Job Category	# of California Jobs	Mean Hourly Wage	Mean Annual Wage
Landscape Supervisor	9,840	\$23.52	\$48,930

In addition, the Employment Development Department of California, pertaining to Landscape Supervisors, projects a 15.2% growth between 2010 and 2020. In Los Angeles County and the Inland Empire area this equates to 660 new jobs and another 830 additional openings due to net replacements, for a total of 1,490 jobs!

Below you will find labor market data for Los Angeles, Orange County and the Inland Empire.

Description	2013 Jobs	2016 Jobs	Change	% Change	Openings	Annual Openings	Median Hourly Earnings
Landscape Architects	1,032	1,053	21	2%	119	40	\$30.11
Landscaping and Groundskeeping	75,952	79,340	3,388	4%	9,472	3,157	\$11.15
Pesticide Handlers	1,041	1,110	69	7%	156	52	\$14.93
Tree Trimmers and Pruners	4,020	4,241	221	5%	545	182	\$14.39
Total	82,044	85,745	3,701	5%	10,292	3,431	\$11.60

Source: QCEW Employees, Non-QCEW Employees & Self-Employed - EMSI 2014.2 Class of Worker

- List similar programs at other colleges in the Los Angeles and Orange County Region which may be adversely impacted. (Push Enter after each entry to begin a new line)

College	Program	Who you Contacted	Outcome of Contact
Fullerton College	Landscape Design/Management	Valerie Loew	She supports the new certificate

- Include any other information you would like to share.

[Click here to enter text.](#)