



Horticulture

# Mt. San Antonio College's Horticulture Programs

Orientation  
Fall, 2015

# Introduction of Staff

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- Brian Scott - Department Chair, Soils, Turf, IPM, Design, etc.
- Tom Visosky – Irrigation and Construction
- Jennifer Hinostroza – Hort. Science, ID, Arboriculture, Interiors, Design
- Dave Lannom – Horticulture Instructor
- Jesus Ramirez – Horticulture Unit Supervisor
- Ruben Flores – Horticulture Production

# Introduction of Staff

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- Matthew Pawlak – Tractors and Equipment
- Bill Millward - Irrigation
- Dave Palumbo – Irrigation
- Chaz Perea – IPM
- Jeff Wynn – Advanced Design
- Bruce Carlton - Park Management

# Program Declaration

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- Make sure to declare your goal (Certificate or Degree)!!!!

## Associates Degrees

- Ornamental Horticulture
- Park and Sports Turf Management
- Equipment Technology
- Integrated Pest Management

## Certificates of Achievement

- Horticulture Science (Coming Soon)
- Interior Landscaping
- Landscape Design I
- Landscape Design II (Coming Soon)
- Landscape Equipment Technology
- Landscape Irrigation
- Landscape Construction (Coming Soon)
- Landscape and Park Maintenance
- Nursery Management
- Tree Care and Maintenance
- Sports Turf Management
- Park Management

# Associates Degree Programs

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- Students will receive an Associates of Science Degree (A.S. Degree)
- Requires completion of General Education classes in addition to the core classes.

# Certificate Programs

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- Only require completion of specified Core Courses
- 6 courses – 18 Units
- Often used for job advancement within a company or to prove job skills.

# Completion of Certificates and Degrees

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- You can earn Certificates and Degrees at the same time.
- Double Major – You can complete a second A.S. degree with the completion of 18 additional units.
- Certificates and Degrees are not automatically given to you when you have completed your required classes.
- You must submit the required paperwork to request them from the Admissions and Records office.

# Catalog Rights

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- You have “Catalog Rights” for the year that you started the program
  - You must be a continuous student, and may not miss more than 1 semester (Fall or Spring) or your catalog rights start from when you return.
  - There is an exception if you miss more than one semester because you are in the military.
- Catalog rights means that if your degree or certificate requirements change while you are attending school, you are held to the original requirement.
- Keep your catalog from the year you started!



# Applying for Certificates

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- You must fill out an “Application for Certificate” available in the Ag Department office or from Admissions and Records
- The form is submitted to Admissions and Records
- All transcripts from other colleges or universities must be either included with the petition or on file in the Admissions Office.
- At least half of the units for the certificate must have been completed at Mt. SAC.

# Graduation Checks

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- Associates degrees are not automatically conferred. You must complete a graduation check.
- It is recommended that you complete your graduation check one year before your expected finish date.
- Grad Checks **must** be completed by the 7<sup>th</sup> week of the semester when you plan to graduate.
- Paperwork is available on the Mt. SAC website or from the registrar's office.

# Associates of Science Degrees

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- Have a “grad check” performed by the Advising Center.
- Completely fill out a Graduation Petition form and submit it by the deadline for the semester in which you plan to graduate.
- If you are seeking to substitute a course completed at another school or one course for another, you need to petition for a variance with the appropriate department/division.
- All transcripts from other colleges or universities must be either included with the petition or on file in the Admissions Office.
- Submit or mail the petition to the Admissions Office.

# Course Offering Frequency

CLASS #	CLASS NAME	UNITS	FALL	WINTER	SPRING	SUMMER	
AGOR 1	HORTICULTURE SCIENCE	3	X		X		
AGOR 2	PLANT PROPAGATION	3	X		X		
AGOR 4	PARK MANAGEMENT	3	X				
AGOR 5	PARK FACILITIES	3			X		
AGOR 13	LANDSCAPE DESIGN	3	X		X		
AGOR 15	INTERIOR LANDSCAPING	3	X				
AGOR 24	INTEGRATED PEST MANAGEMENT	3	X		X		
AGOR 29	ORNAMENTAL PLANTS: HERBACEOUS	3			X		
AGOR 30	ORNAMENTAL PLANTS: TREES AND WOODY SHRUBS	3	X				
AGOR 32	LANDSCAPING AND NURSERY MANAGEMENT	3			X		
AGOR 39	TURFGRASS MANAGEMENT	3			X		
AGOR 40	SPORTS TURF MANAGEMENT	3	X				
AGOR 50	SOIL SCIENCE AND MANAGEMENT	3	X		X		
AGOR 51	TRACTOR AND LANDSCAPE EQUIPMENT OPERATIONS	3			X	X	
AGOR 52	HYDRAULICS	3	X				Even Years
AGOR 53	SMALL ENGINE REPAIR 1	3	X				
AGOR 54	SMALL ENGINE REPAIR 2	3		X			
AGOR 55	DIESEL ENGINE REPAIR	3	X				Odd Years
AGOR 56	ENGINE DIAGNOSTICS	3			X		Even Years
AGOR 57	POWER TRAIN REPAIR	3			X		Odd Years
AGOR 62	LANDSCAPE IRRIGATION-DESIGN AND INSTALLATION	3	X		X		
AGOR 63	LANDSCAPE IRRIGATION SYSTEMS MANAGEMENT	3			X		
AGOR 64	LANDSCAPE IRRIGATION-DRIP AND LOW VOLUME	3			X		
AGOR 71	LANDSCAPE CONSTRUCTION FUNDAMENTALS	3	X				
AGOR 72	LANDSCAPE HARDSCAPE APPLICATIONS	3			X		
AGOR 73	LANDSCAPING LAWS, CONTRACTING AND ESTIMATING	3	X				
AGOR 75	URBAN ARBORICULTURE	3			X		
AGOR 91	WORK EXPERIENCE IN NURSERY OPERATIONS	1 to 4	X	X	X	X	

\*REVISED 5/2012

# Educational Plans

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- We do not require you to create a formal education plan, but we do recommend that you have one.
- Department faculty can help you with planning for core courses and basic general education information.
- For transfer information, see Antoine Thomas or one of the academic counselors.
  - Antoine Thomas, Counselor
    - Extension 5922
    - [athomas@mtsac.edu](mailto:athomas@mtsac.edu)

Education Plan

APPROVED BY:

Student: \_\_\_\_\_

NAME: BRIAN SCOTT

TITLE: AGRICULTURAL SCIENCES DEPARTMENT CHAIR

Date: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

Courses Needed for A.S. in Integrated Pest Management

(Major # 50311)

UNITS:	F 20	W 20	SP 20	SU 20	F 20	W 20	SP 20	SU 20
<b>Required courses:</b>								
AGOR 1 Horticulture Science 3.0								
AGOR 24 Integrated Pest Management 3.0								
AGOR 29 Ornamental Plants - Herbaceous 3.0								
AGOR 30 Ornamental Plants Trees & Shrub 3.0								
AGOR 39 Turfgrass Production & Mgmt 3.0								
AGOR 50 Soil Science and Management 3.0								
AGOR 62 Landscape Irrigation Design & Install 3.0								
AGOR 63 Landscape Irrigation Systems Mgmt 3.0								
AGOR 91 Work Experience in Nursery Ops 3.0								
<b>PLUS-Select (6) units from following:</b>								
<b>BIOL 1, 2, 3, 4, 4H, 6, 6L, 8, 20, 21, 34, 50; BTNY 3;</b>								
<b>CHEM 10, 20, 40 50, 50H, 51, 60, 80, 81</b>								
<b>PLUS</b>								
<b>Student must take 9 units from the following list:</b>								
AGOR 2 Plant Propagation 3.0								
AGOR 15 Interior Landscaping 3.0								
AGOR 32 Landscaping & Nursery Mgmt 3.0								
AGOR 40 Sports Turf Management 3.0								
AGOR 75 Urban Arboriculture 3.0								
UNITS:	0	0	0	0	0	0	0	0
<b>Total Units 42.0</b>								

TOTAL UNITS: 0

# Recommendations

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- Courses to begin with:
  - Horticultural Science : AGOR 1
  - Soil Science: AGOR 50
  - Turfgrass Management: AGOR 39
  - Plant ID (Herbaceous and Woody) : AGOR 29 and 30
  - Landscape Construction Fundamentals: AGOR 71
  - Tractor and Landscape Equipment Operations: AGOR 51
  - Plant Propagation: AGOR 2
  - Landscape and Nursery Management: AGOR 32
  - Irrigation Design and Installation: AGOR 62

# Recommendations

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- Courses to end with:
  - Landscape Design: AGOR 13
  - Integrated Pest Management: AGOR 24
  - Sports Turf Management: AGOR 40
  - Landscape Hardscape Applications: AGOR 72
  - Urban Arboriculture: AGOR 75
  - Hydraulics: AGOR 52



# Work Experience

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- 1-4 Units available, repeatable up to 4 times.
- Possibilities:
  - Work at the Horticulture Unit
  - Work on special projects
  - Work for an off campus employer
- No Experience Necessary. We will train you.



- You Must complete 9 units of Horticulture Classes before taking work experience.

# Student Involvement Opportunities

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- Competitive Teams - Turf Team
- Horticulture Club
- Spring Garden Show
- “Clippings” Newsletter
- Volunteer Opportunities
  - Descanso Plant Sales
  - Mother’s Day Sale
  - Work Days
- Attend Department Events
  - End of year Banquet
  - Farm Day



# Horticulture

*Any Questions?*