Mt. San Antonio College’s Horticulture Programs

Orientation
Spring, 2017
Introduction of Staff

- Brian Scott - Department Chair, Soils, Turf, Construction, Design, etc.
- Chaz Perea – Hort. Science, IPM, Parks, ID, Drip Irrigation
- Jesus Ramirez – Horticulture Unit Supervisor
- Cynthia Mascarenas – Horticulture Production
Introduction of Staff

- Matthew Pawlak – Tractors and Equipment
- Bill Millward - Irrigation
- Dave Palumbo – Irrigation
- Chaz Perea – IPM, Hort Science
- Jeff Wynn – Advanced Design
- Bruce Carlton - Park Management
- Valerie Loew – Southwest Plants
Program Declaration

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

Associates Degrees
• Ornamental Horticulture
• Park and Sports Turf Management
• Equipment Technology
• Integrated Pest Management
• Coming Summer 2017: Plant Science AS-T

Certificates of Achievement
• Horticulture Science
• Interior Landscaping
• Landscape Design I
• Landscape Design II
• Landscape Equipment Technology
• Landscape Irrigation
• Landscape Construction
• Landscape and Park Maintenance
• Nursery Management
• Tree Care and Maintenance
• Sports Turf Management
• Park Management
Associates Degree Programs

- 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

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

- 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

- 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

- 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 7th 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

- 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

<table>
<thead>
<tr>
<th>CLASS #</th>
<th>CLASS NAME</th>
<th>UNITS</th>
<th>FALL</th>
<th>WINTER</th>
<th>SPRING</th>
<th>SUMMER</th>
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<tr>
<td>AGOR 1</td>
<td>HORTICULTURE SCIENCE</td>
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<td>X</td>
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<td>AGOR 2</td>
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<td>AGOR 13</td>
<td>LANDSCAPE DESIGN</td>
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<td>AGOR 15</td>
<td>INTERIOR LANDSCAPING</td>
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<td>ORNAMENTAL PLANTS: HERBACEOUS</td>
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<td>AGOR 30</td>
<td>ORNAMENTAL PLANTS: TREES AND WOODY SHRUBS</td>
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<td>AGOR 32</td>
<td>LANDSCAPING AND NURSERY MANAGEMENT</td>
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<td>AGOR 39</td>
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<td>TRACTOR AND LANDSCAPE EQUIPMENT OPERATIONS</td>
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<td>AGOR 53</td>
<td>SMALL ENGINE REPAIR 1</td>
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<td>AGOR 63</td>
<td>LANDSCAPE IRRIGATION SYSTEMS MANAGEMENT</td>
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<td>AGOR 72</td>
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<td>AGOR 73</td>
<td>LANDSCAPING LAWS, CONTRACTING AND ESTIMATING</td>
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<td>WORK EXPERIENCE IN NURSERY OPERATIONS</td>
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<td>X</td>
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<td>X</td>
</tr>
</tbody>
</table>

*REVISED 5/2012
Educational Plans

- 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
### Courses Needed for A.S. in Integrated Pest Management

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>AGOR 1</td>
<td>Horticulture Science</td>
<td>3.0</td>
</tr>
<tr>
<td>AGOR 24</td>
<td>Integrated Pest Management</td>
<td>3.0</td>
</tr>
<tr>
<td>AGOR 29</td>
<td>Ornamental Plants - Herbaceous</td>
<td>3.0</td>
</tr>
<tr>
<td>AGOR 30</td>
<td>Ornamental Plants - Trees &amp; Shrub</td>
<td>3.0</td>
</tr>
<tr>
<td>AGOR 39</td>
<td>Turfgrass Production &amp; Mgmt</td>
<td>3.0</td>
</tr>
<tr>
<td>AGOR 50</td>
<td>Soil Science and Management</td>
<td>3.0</td>
</tr>
<tr>
<td>AGOR 62</td>
<td>Landscape Irrigation Design &amp; Install</td>
<td>3.0</td>
</tr>
<tr>
<td>AGOR 63</td>
<td>Landscape Irrigation Systems Mgmt</td>
<td>3.0</td>
</tr>
<tr>
<td>AGOR 91</td>
<td>Work Experience in Nursery Ops</td>
<td>3.0</td>
</tr>
</tbody>
</table>

PLUS Select (6) units from following:
- BIOL 1, 2, 3, 4, 4H, 6, 6L, 8, 20, 21, 34, 50; BTNY 3;
- CHEM 10, 20, 40-50, 50H, 51, 60, 80, 81

PLUS Student must take 9 units from the following list:
- 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

**Total Units:** 42.0
Recommendations

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

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

- 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 and attend an orientation before you are eligible for work experience.
Student Involvement Opportunities

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