Program Strand: Sports and Recreational Turf Operations

Students who choose a career in Sports and Recreational Turf Operations are responsible for the production, maintenance, quality, and performance of turfgrass for areas such as golf courses, home lawns, athletic fields, commercial lawns, parks, recreation areas, sod farms, and other areas where turfgrass is utilized. Turfgrass management involves the science and business of utilizing turfgrass in primarily recreational settings.

Secondary Career Academy Development Timetable

Academy classes are listed in bold type.

<table>
<thead>
<tr>
<th>Pre-Academy Grades 6 – 8</th>
<th>Grade 9</th>
<th>Grade 10</th>
<th>Grade 11</th>
<th>Grade 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>6th grade—Middle Moves 7th grade—Career Preparation Requirement 8th grade—Transition Tools Introduction to Agriscience 810012002 Orientation to Agriscience 810011002 Exploration of Agriscience 810021002</td>
<td>English I</td>
<td>English II</td>
<td>English III</td>
<td>English IV</td>
</tr>
<tr>
<td>6th grade—Middle Moves 7th grade—Career Preparation Requirement 8th grade—Transition Tools Introduction to Agriscience 810012002 Orientation to Agriscience 810011002 Exploration of Agriscience 810021002</td>
<td>Algebra or higher</td>
<td>Geometry or higher</td>
<td>Algebra II or higher</td>
<td>Pre-calculus or Other Mathematics Course</td>
</tr>
<tr>
<td>6th grade—Middle Moves 7th grade—Career Preparation Requirement 8th grade—Transition Tools Introduction to Agriscience 810012002 Orientation to Agriscience 810011002 Exploration of Agriscience 810021002</td>
<td>Earth &amp; Space Science or Biology</td>
<td>Biology or Chemistry</td>
<td>Chemistry or Physics or Physical Science</td>
<td>Science Elective or Other Elective</td>
</tr>
<tr>
<td>6th grade—Middle Moves 7th grade—Career Preparation Requirement 8th grade—Transition Tools Introduction to Agriscience 810012002 Orientation to Agriscience 810011002 Exploration of Agriscience 810021002</td>
<td>World History</td>
<td>Elective</td>
<td>American History</td>
<td>American Government / Economics</td>
</tr>
<tr>
<td>6th grade—Middle Moves 7th grade—Career Preparation Requirement 8th grade—Transition Tools Introduction to Agriscience 810012002 Orientation to Agriscience 810011002 Exploration of Agriscience 810021002</td>
<td>9th Grade Transition Agriscience Foundations 1 810681002</td>
<td>Foreign Language or Other Elective</td>
<td>Foreign Language or Other Elective</td>
<td>Foreign Language or Other Elective</td>
</tr>
<tr>
<td>6th grade—Middle Moves 7th grade—Career Preparation Requirement 8th grade—Transition Tools Introduction to Agriscience 810012002 Orientation to Agriscience 810011002 Exploration of Agriscience 810021002</td>
<td>Introductory Horticulture 2 812151001 Horticulture Science 3 812152001</td>
<td></td>
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<td></td>
</tr>
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<td>Elective</td>
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<td>Elective</td>
<td>Elective</td>
<td>Elective</td>
<td>Elective</td>
</tr>
</tbody>
</table>

Suggested Electives:
- Students may in their Junior or Senior year opt to participate in the Career Experience Opportunity (CEO) internship program using the following course numbers: Workplace Essentials – 83003010A (Honors .5) and CEO internship – 0500360CE (Honors .5).
- Students may complete more than one program within the Academy of Agriculture Technology providing courses are offered at the school site.
- In addition, students can choose to enroll in Advanced Concepts of Agriscience, Agricultural Education Directed Study, AP Environmental Science, Botany, Computer-Aided Design classes to enhance their marketability.

To find a Miami-Dade County Public High School with this Program Strand, please link to [http://ssr.dadeschools.net/acad_tally_schls pdf](http://ssr.dadeschools.net/acad_tally_schls pdf).

**Career Options**

**Entry Level**
- Nursery Worker
- Greenhouse Worker
- Turf Maintenance Worker
- Independent Business Owner
- Tree Trimmer/Pruner
- Independent Business Owner
- Sod Grower
- Seed Producer

**After Post-Secondary Education**
- Botanical Gardens Superintendent
- Nursery Manager
- Athletic Facility Director
- Landscape Manager
- Parks and Recreation Managers
- Golf Course Superintendent
- Professional Service Coordinator
- Sales Representative
- Residential Complex Managers
- Landscape Contractors

**Post Secondary Options**

**Certification Programs**
- Pesticide Certification
- The Professional Grounds Management Society Certification
- Certified Landscape Professional
- Certified Landscape Technician
- Certified Turfgrass Professional
- Horticulture: Landscaping Management
- FNGLA Certifications

**Community College (A.A./A.S.) or Proprietary Programs**
- Horticultural Science
- Applied Science: Landscape Management
- Landscape and Nursery Technology
- Golf Course Grounds Management
- Lake City Community College Agricultural Programs
- Miami Dade College Agricultural Programs

**Four-Year College and University Programs**
- Turf Grass Science
- Turf Grass Management
- Botany
- General Agriculture
- Plant Industries Management/Horticulture
- Plant Pathologist
- Golf Facilities and Turf Systems Management

**Internship Opportunities**
- School-Based Enterprise
- Service Learning
- Dual Enrollment (MD, FIU)
- Cooperative Education
- Job Shadowing
- Portal to CEO

**Student Organizations / Clubs**
- The National FFA Organization
- Miami-Dade County Fair & Exposition Agriculture Ambassadors Program
- United States Department of Agriculture – Ambassador Program
- 4-H Club

**Earn Upon Completion**
- Industry Title & FLDOE OCP's correlated to the individual areas.
- For more information on the Florida Department of Education Bright Futures Scholarship Programs: Florida Academic Scholars Award (FAS), Florida Medallion Scholars Award (FMS), and Florida Gold Seal Vocational Scholars Award (GSV) please contact a guidance counselor or visit: [http://www.floridastudentfinancialaid.org/ssfad/factsheets/8F.htm](http://www.floridastudentfinancialaid.org/ssfad/factsheets/8F.htm).
- For more information on advanced standing at local public and private post secondary institutions as established per articulation agreements please contact a guidance counselor.

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