## Career Cluster: Agriculture, Food and Natural Resources

### CTE Program: Horticulture Science and Services

#### Eligible Recipient: Pinellas County Schools

<table>
<thead>
<tr>
<th>16 CORE CURRICULUM CREDITS</th>
<th>8 ADDITIONAL CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ENGLISH</strong> 4 credits</td>
<td><strong>OTHER REQUIRED COURSES</strong></td>
</tr>
<tr>
<td>H – Honors AP – Advanced Placement</td>
<td><strong>CAREER AND TECHNICAL EDUCATION COURSES</strong></td>
</tr>
<tr>
<td><strong>MATH</strong> 4 credits</td>
<td><strong>RECOMMENDED ELECTIVES</strong></td>
</tr>
<tr>
<td>H – Honors AP – Advanced Placement</td>
<td>(ALIGNED WITH COMMUNITY COLLEGE &amp; STATE UNIVERSITY SYSTEM PROGRAMS)</td>
</tr>
<tr>
<td><strong>SCIENCE</strong> 3 credits, 2 with lab</td>
<td><strong>FINE ARTS</strong> (1 cdt)</td>
</tr>
<tr>
<td>H – Honors AP – Advanced Placement</td>
<td><strong>PHYSICAL EDUCATION</strong> (1 cdt)</td>
</tr>
<tr>
<td><strong>SOCIAL STUDIES</strong> 3 credits</td>
<td></td>
</tr>
<tr>
<td>H – Honors AP – Advanced Placement</td>
<td></td>
</tr>
</tbody>
</table>

### Career Cluster Pathway:

Career Cluster of interest identified by students enrolled in required middle school career education course that includes interest assessment and career exploration through CHOICES and ePersonal Education Planner through FACTS.org.

<table>
<thead>
<tr>
<th>HIGH SCHOOL</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>English 1 or H</td>
<td>Algebra 1 or H, Geometry or H</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Earth/Space Science or Biology 1 or H</td>
</tr>
<tr>
<td></td>
<td></td>
<td>American Government or H</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Fine Arts Elective</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Agriscience Foundations 1</td>
</tr>
<tr>
<td>10</td>
<td>English 2 or H</td>
<td>Geometry or H, Algebra 2 or H</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Biology 1 or H; or Chemistry, H or AP</td>
</tr>
<tr>
<td></td>
<td></td>
<td>World History, H or AP</td>
</tr>
<tr>
<td></td>
<td></td>
<td>H.O.P.E</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Introductory Horticulture 2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Foreign Language</td>
</tr>
<tr>
<td>11</td>
<td>English 3 or H</td>
<td>3rd Math Credit</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3rd Science Credit</td>
</tr>
<tr>
<td></td>
<td></td>
<td>American History, H or AP</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Horticulture Science and Services 5</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Horticultural Science 3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Elective</td>
</tr>
<tr>
<td>12</td>
<td>English 4, H, or AP</td>
<td>4th Math Credit</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4th Science Credit</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Economics or H</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Horticulture Science and Services 6</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Horticulture Science and Services 4</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Elective</td>
</tr>
</tbody>
</table>

Dual enrollment courses may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements - see the Articulation Coordinating Committee’s Dual Enrollment Equivalency List and the Bright Futures Comprehensive Course Table.

### POSTSECONDARY

Secondary career and technical education programs may lead to industry recognized certificates, occupational opportunities or postsecondary education options. Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.

<table>
<thead>
<tr>
<th>TECHNICAL CENTER PROGRAM(S)</th>
<th>COMMUNITY COLLEGE PROGRAM(S)</th>
<th>UNIVERSITY PROGRAM(S)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Landscape Management</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)

### CAREER CREDIT

Articulation and CTE Dual Enrollment Opportunities

**Secondary to Technical Center (PSAV)** (Minimum # of clock hours awarded)

**Secondary to College Credit Certificate or Degree** (Minimum # of clock or credit hours awarded)

PSAV/PSV to AAS or AS/BS/BAS

(Statewide and other local agreements may be included here)

*Possible Industry Certifications (Students):*

**Secondary:**

Certified Horticulture Professional

**Postsecondary:**