### Career Cluster: Food & Natural Resources
#### Career Cluster Pathway: Animal Systems

### CTE Program: Aquaculture
#### Eligible Recipient: Pinellas County Schools

#### 16 CORE CURRICULUM CREDITS

<table>
<thead>
<tr>
<th>ENGLISH</th>
<th>MATH</th>
<th>SCIENCE</th>
<th>SOCIAL STUDIES</th>
<th>OTHER REQUIRED COURSES</th>
<th>CAREER AND TECHNICAL EDUCATION COURSES</th>
<th>RECOMMENDED ELECTIVES</th>
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</thead>
<tbody>
<tr>
<td>4 credits H – Honors AP – Advanced Placement</td>
<td>4 credits H – Honors AP – Advanced Placement</td>
<td>3 credits, 2 with lab H – Honors AP – Advanced Placement</td>
<td>3 credits H – Honors AP – Advanced Placement</td>
<td>FINE ARTS (1 cdt)</td>
<td>Major Area of Interest: Aquaculture</td>
<td>Physical Education (1 cdt)</td>
</tr>
</tbody>
</table>

#### 8 ADDITIONAL CREDITS

- **ENGLISH**: 4 credits, **H** – *Honors*, **AP** – *Advanced Placement*
- **MATH**: 4 credits, **H** – *Honors*, **AP** – *Advanced Placement*
- **SCIENCE**: 3 credits, 2 with lab H – Honors AP – Advanced Placement
- **SOCIAL STUDIES**: 3 credits H – Honors AP – Advanced Placement
- **FINE ARTS**: 1 credit
- **PHYSICAL EDUCATION**: 1 credit

### HIGH SCHOOL

<table>
<thead>
<tr>
<th>Grade</th>
<th>English 1 or H</th>
<th>Algebra 1 or H, Geometry or H</th>
<th>Earth/Space Science or Biology 1 or H</th>
<th>American Government or H</th>
<th>Fine Arts Elective</th>
<th>Agriscience Foundations 1</th>
</tr>
</thead>
<tbody>
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<td>Algebra 1 or H, Geometry or H</td>
<td>Earth/Space Science or Biology 1 or H</td>
<td>American Government or H</td>
<td>Fine Arts Elective</td>
<td>Agriscience Foundations 1</td>
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<tr>
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<td>English 2 or H</td>
<td>Geometry or H, Algebra 2 or H</td>
<td>Biology 1 or H; or Chemistry, H or AP</td>
<td>World History, H or AP</td>
<td>H.O.P.E</td>
<td>Aquaculture 2</td>
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<tr>
<td>11</td>
<td>English 3 or H</td>
<td>3rd Math Credit</td>
<td>3rd Science Credit</td>
<td>American History, H or AP</td>
<td>Elective</td>
<td>Aquaculture 3</td>
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<tr>
<td>12</td>
<td>English 4, H, or AP</td>
<td>4th Math Credit</td>
<td>4th Science Credit</td>
<td>Economics or H</td>
<td>Elective</td>
<td>Directed Study</td>
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</tbody>
</table>

### POSTSECONDARY

- **TECHNICAL CENTER PROGRAM(S)**: None available at this time
- **COMMUNITY COLLEGE PROGRAM(S)**: AA with Agricultural Emphasis Aquaculture
- **UNIVERSITY PROGRAM(S)**: Wildlife Ecology & Conservation, Microbiology & Cell Science

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

- Fish Hatchery Worker
- Fishing Vessel Operator
- Feed/supply Store Clerk
- Fisheries Technician
- Fish Hatchery Manager
- Animal Health Products Distributor
- Fish Breeder/Geneticists

### Articulation and CTE Dual Enrollment Opportunities

- **Secondary to Technical Center (PSAV)**: None available at this time
- **Secondary to College Credit Certificate or Degree**: None available at this time
- **PSAV/PSV to AAS or AS/BS/BAS**: None available at this time

### Possible Industry Certifications (Students):

- **Secondary**: None available at this time
- **Postsecondary**: Associate Degrees, Bachelor degrees, Master degrees, Doctoral degrees