Career Cluster: STEM  
Career Cluster Pathway: Technology  
CTE Program: Power and Energy Technology  
Eligible Recipient: Pinellas County Schools

<table>
<thead>
<tr>
<th>16 CORE CURRICULUM CREDITS</th>
<th>8 ADDITIONAL CREDITS</th>
</tr>
</thead>
</table>
| **ENGLISH**  
4 credits  
H – Honors  
AP – Advanced Placement  
| **SOCIAL STUDIES**  
3 credits  
H – Honors  
AP – Advanced Placement  |
| **MATH**  
4 credits  
H – Honors  
AP – Advanced Placement  
| **OTHER REQUIRED COURSES**  
FINE ARTS (1 cdt)  
| **CTE PROGRAM(S)**  
COMMUNITY COLLEGE PROGRAM(S)  
UNIVERSITY PROGRAM(S)  
Engineering  
| **CAREER AND TECHNICAL EDUCATION COURSES**  
POWER & ENERGY TECHNOLOGY 1  
| **RECOMMENDED ELECTIVES**  
(refer to community college & state university system programs)  
FINE ARTS (1 cdt)  
PHYSICAL EDUCATION (1 cdt)  |
| **SCIENCE**  
3 credits, 2 with lab  
H – Honors  
AP – Advanced Placement  
| **ADVANCED TECHNOLOGY APPLI**  
Applications  
| **HIGH SCHOOL**  
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.
  
9  
English 1 or H  
Algebra 1 or H, Geometry or H  
Earth/Space Science or Biology 1 or H  
American Government or H  
Fine Arts Elective  
Power & Energy Technology 1  
Foreign Language  
| 10  
English 2 or H  
Geometry or H, Algebra 2 or H  
Biology 1 or H; or Chemistry, H or AP  
World History, H or AP  
H.O.P.E  
Power & Energy Technology 2  
Foreign Language  
| 11  
English 3 or H  
3rd Math Credit  
3rd Science Credit  
American History, H or AP  
Elective  
Power & Energy Technology 3  
Elective  
| 12  
English 4, H, or AP  
4th Math Credit  
4th Science Credit  
Economics or H  
Elective  
Advanced Technology Applications  
Elective  

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.

**TECHNICAL CENTER PROGRAM(S)**

**COMMUNITY COLLEGE PROGRAM(S)**

**UNIVERSITY PROGRAM(S)**

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

Solar Installer  

Engineer  

Engineer

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 Championships (Students):

Secondary: Solar Installer  

Postsecondary: