


**Career Cluster:** Agriculture, Food & Natural Resources

**CTE Program:** Environmental Resources

**Career Cluster Pathway:** Agricultural Biotechnology

**Eligible Recipient:** Pinellas County Schools

 PINELLAS COUNTY SCHOOLS Career Technical & Adult Education	16 CORE CURRICLUM CREDITS					8 ADDITIONAL CREDITS		
	<b>ENGLISH</b> 4 credits H – Honors AP – Advanced Placement	<b>MATH</b> 4 credits H – Honors AP – Advanced Placement	<b>SCIENCE</b> 3 credits, 2 with lab H – Honors AP – Advanced Placement	<b>SOCIAL STUDIES</b> 3 credits H – Honors AP – Advanced Placement	OTHER REQUIRED COURSES	CAREER AND TECHNICAL EDUCATION COURSES		<b>RECOMMENDED ELECTIVES</b> (ALIGNED WITH COMMUNITY COLLEGE & STATE UNIVERSITY SYSTEM PROGRAMS)
						<b>Major Area of Interest:</b> Automotive Collision Repair & Refinishing		
						FINE ARTS (1 cdt)  PHYSICAL EDUCATION (1 cdt)		

**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.**

HIGH SCHOOL	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	Agriscience Foundations 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	Agricultural Biotechnology 2	Foreign Language
	11	English 3 or H	3 <sup>rd</sup> Math Credit	3 <sup>rd</sup> Science Credit	American History, H or AP	Elective	Environmental Resources 3	Elective
	12	English 4, H, or AP	4 <sup>th</sup> Math Credit	4 <sup>th</sup> Science Credit	Economics or H	Elective	Environmental Resources 4	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.							

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**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.**

POSTSECONDARY	TECHNICAL CENTER PROGRAM(S)	COMMUNITY COLLEGE PROGRAM(S)	UNIVERSITY PROGRAM(S)
	None available at this time	AA with Agricultural Emphasis Ornamental Horticulture Technology Environmental Science Technology	Wildlife Ecology & Conservation Microbiology Environmental Horticulture Horticulture Science

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

CAREER	Fishing Vessel Operators Commercial Fisherman	Environmental Interpreters Forest Technicians Wildlife Manager	Cartographer Ecologist Geologist
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**Articulation and CTE Dual Enrollment Opportunities**

CREDIT	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)
	None available at this time	None available at this time	None available at this time

**\*Possible Industry Certifications (Students):**

<b>Secondary:</b>	None available at this time
<b>Postsecondary:</b>	Associate, Bachelor , Master and Doctoral degrees