


Career Cluster: Engineering and Technology Education

CTE Program: Applied Robotics

Career Cluster Pathway: Engineering

Eligible Recipient: Pinellas County Schools

 <p>PCS PINELLAS COUNTY SCHOOLS Career Technical & Adult Education</p>	16 CORE CURRICULUM CREDITS					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	OTHER REQUIRED COURSES	CAREER AND TECHNICAL EDUCATION COURSES		
						RECOMMENDED ELECTIVES (ALIGNED WITH COMMUNITY COLLEGE & STATE UNIVERSITY SYSTEM PROGRAMS)		
						Major Area of Interest: 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	Foundations of Robotics	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	Robotic Design Essentials	Foreign Language
	11	English 3 or H	3 rd Math Credit	3 rd Science Credit	American History, H or AP	Elective	Robotic Systems	Elective
	12	English 4, H, or AP	4 th Math Credit	4 th Science Credit	Economics or H	Elective	Robotic Applications Capstone	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)		
				Engineering			Engineering		

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

CAREER	Technician			Engineering			Engineering		

Articulation and CTE Dual Enrollment Opportunities

CREDIT	Secondary to Technical Center (PSAV) <small>(Minimum # of clock hours awarded)</small>			Secondary to College Credit Certificate or Degree <small>(Minimum # of clock or credit hours awarded)</small>			PSAV/PSV to AAS or AS/BS/BAS <small>(Statewide and other local agreements may be included here)</small>		
	None at this time			None at this time			None at this time		

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

Secondary:	n/a
Postsecondary:	n/a