Career Cluster: STEM		CTE Program: Materials & Processes Technology	
Career Cluster: Technology		Eligible Recipient: Pinellas County Schools	

	16 CORE CURRICLUM CREDITS					**8 ADDITIONAL CREDITS**	
PCS Pinellas County Schools — Career Technical & Adult Education	**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** / **FINE ARTS** (1 cdt) / **PHYSICAL EDUCATION** (1 cdt)	**CAREER AND TECHNICAL EDUCATION COURSES**	**RECOMMENDED ELECTIVES** (ALIGNED WITH COMMUNITY COLLEGE & STATE UNIVERSITY SYSTEM PROGRAMS)

HIGH SCHOOL

Career Cluster of interest indentified 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	Materials & Processes Technology I	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	Materials & Processes Technology II	Foreign Language
11	English 3 or H	3rd Math Credit	3rd Science Credit	American History, H or AP	Elective	Materials & Processes Technology III	Elective
12	English 4, H, or AP	4th Math Credit	4th Science Credit	Economics or H	Elective	Advanced Applications in Technology	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)
	Engineering	Engineering

CAREER

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

	Engineer	Engineer

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:	N/A
Postsecondary:	N/A