


Career Cluster: Architecture and Construction					CTE Program: Academy of Architecture and Building Science- Building Construction Technology Strand, Pedro Menendez High School (8101100)			
Career Cluster Pathway: Construction					Industry Certification: Carpentry Level 1 (NCCER005), Carpentry Level 2 (NCCER032),Carpentry Level 3 (NCCER033), Masonry Level 1 (NCCER025)			
	16 CORE CURRICULUM CREDITS					8 ADDITIONAL CREDITS		
	ENGLISH 4 credits	MATH 4 credits	SCIENCE 3 credits, 2 with lab	SOCIAL STUDIES 3 credits	OTHER REQUIRED COURSES FINE ARTS (1 credit) PHYSICAL EDUCATION (1 credit)	CAREER AND TECHNICAL EDUCATION COURSES	RECOMMENDED ELECTIVES (ALIGNED WITH COMMUNITY COLLEGE & STATE UNIVERSITY SYSTEM PROGRAMS)	
HIGH SCHOOL	<ul style="list-style-type: none"> Students are encouraged to use flchoices.org to explore careers and postsecondary options. Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements. One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program 							
	9th	English 1 (Honors)	Algebra I/Geometry	Physical Science/Biology Honors	World Geography or AP Human Geography	HOPE – Health Opportunities through Physical Education	Building Construction Technology 1-8720310	Elective
	10th	English 2 (Honors)	Geometry/Algebra 2	Biology/Chemistry (Honors)	World History (Honors, DE)	World Language 1	Building Construction Technology 2-8720320	Elective
	11th	English 3 (Honors, IB, DE)	Math	Science	American History (Honors, DE)	World Language 2	Building Construction Technology 3-8720330	Elective
	12th	English 4 (Honors, IB, DE)	Math	Science	American Government .5 + Economics .5 DE Macro/Micro Econ & DE US Fed Gov't	Elective	Building Construction Technology 4-8720340	Elective
POSTSECONDARY	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)		
	First Coast Technical College, St. Augustine: Carpentry		Florida State College at Jacksonville, Building Trades and Construction Design Technology: Workforce Certificate			University of North Florida , Jacksonville – Construction Management: College of Computing, Engineering & Construction University of Florida , Gainesville – Construction Management: Rinker School of Construction Management offers a Bachelor of Science in Construction Management		
CAREER	Sample Career Specialties – Careers from the Targeted Occupations List are in bold.							
	Carpenter, Mason, Cement Masons and Concrete Finisher		Electrician, HVAC, Carpenter, Brick masons			Construction Manager, Construction and Building Inspectors, Construction Equipment Operators		
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 included here)		
	No articulation agreement. No CTE Dual Enrollment.		No articulation agreement. No CTE Dual Enrollment			No articulation agreement. No CTE Dual Enrollment.		
Career and Technical Student Association								
Skills USA								
Internship/Work Experience Recommendations								
Career Academy students may apply for summer internships after their junior year. Sample internships: Carpenter Assistant, Masonry Assistant								
Program of Study Graduation Requirements: http://www.fldoe.org/workforce/perkins/pdf/POS-GradChecklist.pdf								