


Career Cluster: Architecture & Construction				Secondary CTE Program: Building Construction Technologies (8720300) Post-Secondary Program: Building Construction Technologies (I460401) or Building Construction Technology, AS					
Career Cluster Pathway: Construction				Industry Certification: HBINS003 - Pre-Apprenticeship Certificate Training (PACT), Carpentry (.1) HBINS004 – Pre-Apprenticeship Certificate Training (PACT), Core (.1) HBINS005 – Pre-Apprenticeship Certificate Training (PACT), Core Green (.1) HBINS006 – Pre-Apprenticeship Certificate Training (PACT), Electrical (.1) Post-Secondary Industry Certification: NCCER267 – NCCER Industrial Maintenance, Electrical & Instrumentation Technician - Level 4					
 Walton Learning Center		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"> • 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. • Students should talk with their counselors about the availability and requirements of AP and Dual courses which are paid for by Walton County School District while you are enrolled in high school. The college credit hours may be used in your Post-secondary education. • Students are also encouraged to participate in CTE dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements. Three courses are required within one program for BF – GSV. • Students are encouraged to begin planning for careers and postsecondary options by exploring resources atmycareershines.org. 							
		9th	English 1	Algebra 1	Physical Science	World History	Physical Education (1credit)) / HOPE (PE Variation)	Building Construction Technologies 1 8720310	Elective Practical/Fine Arts
		10th	English II	Geometry	Biology	American History	Practical Arts or Fine Arts course (1 credit)	Building Construction Technologies 2 8720320	Foreign Language for SUS admission or other elective appropriate for student's career and education plan.
		11th	English III	Algebra 2	Physics	American Government /Economics	Personal Finance (Online Course)	Building Construction Technologies 3 8720330	Foreign Language for SUS admission or other elective appropriate for student's career and education plan.
		12th	English IV	Math for College Readiness/ Statistics	Chemistry	Psychology	Student Choice Elective	Building Construction Technologies 4 8720340	Student Choice Elective

POSTSECONDARY (PATHWAYS)	Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.			
	TECHNICAL COLLEGE PROGRAM(S)		STATE COLLEGE PROGRAM(S)	UNIVERSITY PROGRAM(S)
	ECTC Electricity HVAC Okaloosa Tech Building Trades Carpentry Electricity HVAC	Florida Panhandle Carpentry Drafting Electrician	Gulf Coast Architectural Design and Construction Technology, A.S.	FAMU Construction Engineering Technology, BS UWF Construction Management, BS
CAREER	Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)			
	Code Official Concrete Finisher Construction Engineer Construction Foreman/Manager Construction Inspector Contractor Design Builder Drywall Installer Electrician	Electronic Systems Technician Equipment and Material Manager General Contractor/Builder Heating, Ventilation, Air Conditioning and Refrigeration Mechanic Maintenance & Repair Workers Carpenter Mason Painter	Plumber Project Estimator Project Inspector Project Manager Roofer Safety Director Sheet Metal Worker Specialty Contractor Superintendent Tile and Marble Setter	
CREDIT	Articulation and CTE Dual Enrollment Opportunities			
	Secondary to Technical College (PSAV) (Minimum # of clock hours awarded)	Technical College to State College Degree (Minimum # of clock or credit hours awarded)	AS to BS (Statewide and other local agreements may be included here)	
		1050 clock hour program in Building Construction Technologies shall articulate three (3) college credit hours to the AAS/AS Degree in Building Construction Technology	63 college credit hours from AS in Construction Technology to BS in Technology Teacher Education	
Career and Technical Student Association				
SkillsUSA				
Non-Traditional Program Status: Females are considered non-traditional in Building Construction Technologies.		2020 Regional Hourly Wage Range: (entry and mean) Tile and Stone Setters: \$15.63 - \$18.73 Cement Masons and Concrete Finishers: \$12.60 - \$16.78 Carpenters: \$14.65 - \$19.01 Electricians: \$16.61 - \$23.85 Construction Managers: \$27.81 - \$52.88		
Program of Study Graduation Requirements: http://www.fldoe.org/academics/graduation-requirements Wage Information provided by Florida Department of Economic Opportunity – Bureau of Workforce Statistics and Economic Research – http://www.floridajobs.org/workforce-statistics/publications-and-reports/labor-market-information-reports/regional-demand-occupations-list				