


<b>Career Cluster: Architecture &amp; Construction</b>					<b>CTE Program: Building Construction Technologies</b>			
<b>Career Cluster Pathway: Construction</b>					<b>Industry Certification:</b> HBINS002 - Pre-Apprenticeship Certificate Training (PACT), Building Construction Technology (.1)			
 <b>Walton Learning Center</b>	<b>16 CORE CURRICULUM CREDITS</b>					<b>8 ADDITIONAL CREDITS</b>		
	<b>ENGLISH</b> 4 credits	<b>MATH</b> 4 credits	<b>SCIENCE</b> 3 credits, 2 with lab	<b>SOCIAL STUDIES</b> 3 credits	<b>OTHER REQUIRED COURSES</b> FINE ARTS (1 credit) PHYSICAL EDUCATION (1 credit)	<b>CAREER AND TECHNICAL EDUCATION COURSES</b>	<b>RECOMMENDED ELECTIVES</b> (ALIGNED WITH COMMUNITY COLLEGE & STATE UNIVERSITY SYSTEM PROGRAMS)	
<b>HIGH SCHOOL</b>	<ul style="list-style-type: none"> <li>• 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.</li> <li>• 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.</li> <li>• 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.</li> <li>• Students are encouraged to begin planning for careers and postsecondary options by exploring resources at <a href="http://mycareershines.org">mycareershines.org</a>.</li> </ul>							
	<b>9<sup>th</sup></b>	English 1	Algebra 1	Physical Science	World History	Physical Education (1credit)) / HOPE (PE Variation)	Building Construction Technologies 1 8720310	Elective Practical/Fine Arts
	<b>10<sup>th</sup></b>	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.
	<b>11<sup>th</sup></b>	English III	Algebra 2	Physics	American Government /Economics	Personal Finance (Online Course)	Building Construction Technologies 3 8720330 (OCP A)	Foreign Language for SUS admission or other elective appropriate for student's career and education plan.
	<b>12<sup>th</sup></b>	English IV	Math for College Readiness/ Statistics	Chemistry	Psychology	Student Choice Elective	Building Construction Technologies 4 8720340	Student Choice Elective

<b>POSTSECONDARY (PATHWAYS)</b>	Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.			
	<b>TECHNICAL COLLEGE PROGRAM(S)</b>		<b>STATE COLLEGE PROGRAM(S)</b>	<b>UNIVERSITY PROGRAM(S)</b>
	<b>ECTC</b> Electricity HVAC <b>Okaloosa Tech</b> Carpentry Electricity HVAC	<b>Florida Panhandle</b> Carpentry Drafting Electrician	<b>Gulf Coast</b> Building Construction Technology – Build & Const., AS Building Construction Technology – Green Bldg., AS Building Construction Technology – Univ. Trans, AS <b>NWFSC</b> Architectural Design & Construction Technology, AS	<b>FAMU</b> Construction Engineering Technology, BA <b>Univ. of North FL</b> Building Construction, BS Construction Management, MBA
<b>CAREER</b>	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	
<b>CREDIT</b>	Articulation and CTE Dual Enrollment Opportunities			
	<b>Secondary to Technical College (PSAV)</b> (Minimum # of clock hours awarded)	<b>Technical College to State College Degree</b> (Minimum # of clock or credit hours awarded)		<b>AS to BS</b> (Statewide and other local agreements may be included here)
		<b>1050</b> clock hour program in <b>Building Construction Technologies</b> shall articulate <b>three (3)</b> college credit hours to the AAS/AS Degree in <b>Building Construction Technology</b>		
<b>Career and Technical Student Association</b>				
<b>SkillsUSA</b>				
<b>Non-Traditional Program Status:</b> Females are considered non-traditional in Building Construction Technologies.		<b>2018 Hourly Wage Range: (entry and mean)</b> Brickmasons and Blockmasons: \$12.70 - \$18.61 Cement Masons and Concrete Finishers: \$12.77 - \$17.64 Carpenters: \$14.14 - \$18.59 Electricians: \$15.17 - \$23.12 Construction Managers: \$26.45 - \$45.27		
<b>Program of Study Graduation Requirements:</b> <a href="http://www.fldoe.org/academics/graduation-requirements">http://www.fldoe.org/academics/graduation-requirements</a> <b>Wage Information provided by Florida Department of Economic Opportunity – Bureau of Workforce Statistics and Economic Research –</b> <a href="http://www.floridajobs.org/workforce-statistics/publications-and-reports/labor-market-information-reports/regional-demand-occupations-list">http://www.floridajobs.org/workforce-statistics/publications-and-reports/labor-market-information-reports/regional-demand-occupations-list</a>				