


Career Cluster: Architecture & Construction		CTE Program: Secondary: <i>Building Trades and Construction Design Technology (8722000)</i> Postsecondary: <i>State CIP Code 0615100103</i>						
Career Cluster Pathway: Construction		Industry Certification: Secondary: <i>HBINS002 HBI Pre-Apprenticeship Training, Building Construct Tech HBINS004 HBI Pre-Apprenticeship Training, Core, HBINS005 HBI Pre-Apprenticeship Training, Core Green HBINS003 HBI Pre-Apprenticeship Training, Carpentry, HBINS00006 HBI Pre-Apprenticeship Certificate Training, Electrical, HVACE001 HVAC Excellence Employment Ready - Heat Pump. HVACE002 HVAC Excellence Employment Ready - Air Conditioning, HVACE011 HVAC Excellence Employment Ready - Electrical</i> Postsecondary: <i>NCCER Carpentry Levels 1, 2, 3, 4 (NCCER005, NCCER032, NCCER0033, NCCER034)</i>						
	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 begin planning for careers and postsecondary options by exploring resources at mycareershines.org 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 I	Algebra I	Earth, Space Science	Elective	Pers Fit (.5 cr) & Ph Ed (.5 cr)	Building Trades & Construction Design Tech 1	Elective/Foreign Language
	10th	English II	Geometry	Biology	American History		Building Trades & Construction Design Tech 2	Elective/Foreign Language
	11th	English III	Algebra II	Chemistry	World History	Practical Arts or Fine Arts course (1 credit)	Building Trades & Construction Design Tech 3	Other elective course appropriate for student's career and education plan.
	12th	English IV	Statistics	Physics	Am Govt/ Economics		Building Trades & Construction Design Tech 4	Other elective course appropriate for student's career and education plan.

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)
	Okaloosa Technical College Construction	Northwest Florida State College A.S. Degree Architectural Design & Construction Technology – Architectural Design Option Architectural Design & Construction Technology – Construction Technology Option		University of West Florida Bachelors of Science Engineering Technology
CAREER	Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)			
	<ul style="list-style-type: none"> • Helper • Installation Worker • Repair Worker • Maintenance Worker 	<ul style="list-style-type: none"> • Construction Laborer • Apprentice • Carpenter • Installer 	<ul style="list-style-type: none"> • Bricklayer • Plumber • HVAC Technician 	<ul style="list-style-type: none"> • Construction Manager • Building Inspector • Purchasing Agent • Instructor
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)
	450 Clock Hours for courses with competencies corresponding to OCP A, preparing students for careers as a carpenter.	<p style="text-align: center;"><u>Statewide Articulation Agreement</u> Pensacola State College NCCER Carpentry Level 1</p> <p style="text-align: center;">shall articulate to three (3) college credit hours to the AAS/AS Degree in Carpentry Management.</p> <p style="text-align: center;">The 600 clock hour program in Carpentry 1 AND the 600 clock hour program in Carpentry 2 shall articulate three (3) college credit hours to the AAS/AS Degree in Building Construction Technology.</p>		
Career and Technical Student Association				
SkillsUSA				
Internship/Work Experience Recommendations				
Work-based learning opportunities: OJT, internship and/or job shadowing				

Program of Study Graduation Requirements: <http://www.fldoe.org/academics/graduation-requirements>

[MyCareerShines](#) – Career and Educational Exploration and Information