


Career Cluster: Academy of Architectural and Building Sciences

Secondary CTE Program: Carpentry

Career Cluster Pathway: Architecture and Construction

Eligible Recipient: Grade 9-12

	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	CAREER AND TECHNICAL EDUCATION COURSES	RECOMMENDED ELECTIVES (Aligned with State University System Admissions)
					FINE or PRACTICAL ARTS (1 cdt)		
					PHYSICAL EDUCATION (1 cdt)		

<p>Career Cluster of interest identified 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.</p>								
HIGH SCHOOL	9	English 1	Math	Physical Science	World Geography & Teen Leadership AP Human Geography	Hope	Carpentry 1	Elective or World Language
	10	English 2	Math	Biology	World History Honors	Elective	Carpentry 2	Elective or World Language
	11	English 3	Math DE/AP Math	Earth Science	American History	Building & Construction Management I	Carpentry 3	Legal Aspects of Business
	12	English 4	Math DE/AP Math	Science or Elective	American Government .5 + Economics .5	Building & Construction Management I, Internship DE / AP Elective	Internship DE/AP Elective	Internship Elective DE/AP

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	<p>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.</p>						
	TECHNICAL CENTER PROGRAM(S) Drafting, Apprenticeship with Northeast Florida Building association and Masonry		COMMUNITY COLLEGE PROGRAM(S) Industrial Management; Architectural Design & Construction Technology;			UNIVERSITY PROGRAM(S) Building Construction Management, Architecture, Engineering	

CAREER	<p>SAMPLE CAREER SPECIALTIES (The Targeted Occupations List may be used to identify appropriate careers.)</p>						
	Carpenter, Drafter, Mason, Building assistant, Cement Masons and Concrete Finishers			Electrician, Heating & Air Conditioning, Carpenter, Brickmasons, Civil/ Electrical /Electronic Engineering Technicians		Architect, Engineer	

CREDIT	<p>ARTICULATION AND CTE DUAL ENROLLMENT OPPORTUNITIES</p>						
	<u>Secondary to Technical Center (PSAV)</u> St. Johns River Community College; Northeast Florida Builders Apprenticeship Program		<u>Secondary to College Credit Certificate or Degree</u> St. Johns River State College			<u>PSAV/PSV to AAS or AS to BS or BAS</u> UNF, JU, UF, FSU, UCF, FAMU, FAU, USF, UWF	

***Possible Industry Certifications (Students):**

Secondary: AutoDesk/AutoCAD; NCCER: Building Construction Carpentry or Masonry; OSHA

Postsecondary: