

Career Cluster: Academy of Architectural and Building Sciences

Secondary CTE Program: Concrete Masonry

#8722600

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)	Major Area of Interest:	

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.

HIGH SCHOOL	9	English 1	Math	Physical Science	World Geography & Teen Leadership AP Human Geography	Hope	Masonry 1	Elective or World Language
	10	English 2	Math	Biology	World History Honors	Elective	Masonry 2	Elective or World Language
	11	English 3	Math DE/AP Math	Earth Science	American History	Building & Construction Management I	Masonry 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 DE/AP Elective

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 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.

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

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

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

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

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