

Construction, Architecture, and Design Career Pathway
Masonry Career Major Program Outline

Course	Grade	Credits	Content
Foundational Courses			
CTE Foundations: Construction Rotation	9	1 CTE	Pathway and career major exposure Understanding shop and job safety Identification, selection, care, and use of basic hand tools Identifies different types of masonry units, bricks, and tiles Proper use of a measuring tape to 1/16th of an inch Aspects of masonry career Literacy and mathematics development Basic masonry Skills Understanding basic plans, shop drawings and blueprints Closely follow directions
Introduction to Construction and Design	10	2 CTE	Masonry as a career Introduction to Safety for masons Basic brick work Basic masonry hand tools Intro to tile, materials and tools
Career Major Courses: Masonry			
Masonry I	11	2 CTE	OSHA 10 certification Safety for masons Laying brick to the line Identifying pattern bonds Basic brick positions and sizes Masonry construction equipment Concrete masonry units Laying block to the line Setting and cutting tile
Masonry II	12	2 CTE	Bobcat skid-steer loader training certification Constructing block leads Constructing brick leads Constructing composite walls Installing Anchored Brick Veneer Brick paving and retaining wall systems Interpreting Blueprints and specifications Construct brick arches Advanced tile setting