

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

Course	Grade	Teacher Certification	Credits	Content
Foundational Courses				
CTE Foundations: Construction Rotation	9	Carpentry	1 CTE	<ul style="list-style-type: none"> Pathway and career major exposure Understanding shop and job safety Identification, selection, care, and use of basic hand tools Identification, selection, care and use of basic powered tools Reading a measuring tape to 1/16th of an inch Career research Understanding basic plans, shop drawings and blueprints Closely follow directions Basic construction skills
Introduction to Construction and Design	10	Carpentry Masonry Electrical CAD	2 CTE	<ul style="list-style-type: none"> Career and college research Construction safety Hand tool identification and use Power tool use and identification Read a tape measure within 1/16"
Career Major Courses: Carpentry				
Carpentry I	11	Carpentry	2 CTE	<ul style="list-style-type: none"> Understand floor framing Cut and assemble a floor frame Understand rough wall framing Identify the components of a wall Understand rough roof framing Understand wall and ceiling systems
Carpentry II	11/12	Carpentry	2 CTE	<ul style="list-style-type: none"> Use and maintain hand tools Use and maintain power tools Identify wall framing members Lay out and build a wall Cut and install ceiling joists Identify roof framing members Lay out and cut rafters Lay out and build stairs Lay out, cut, and install drywall Identify common materials used for sheathing walls Describe the correct procedure for assembling an exterior wall