

PROGRAM OF STUDY:

Carpentry



This Program of Study may serve as a graduation guide for the next four plus years, along with other career planning and educational materials. Courses listed in this model may include recommended coursework and should be individualized to students' educational and career goals. Each graduation plan needs to meet minimum high school graduation requirements. Dual Enrollment courses can be high school academic and/or career technical education courses.

SECONDARY:				
COURSE/ GRADE	NINTH	TENTH	ELEVENTH	TWELFTH
ENGLISH	9 th grade Lit/ Composition	10 th grade Lit/ Composition	American Lit/ Composition	World Lit/ Composition / British Lit
MATHEMATICS	Coordinate Algebra / Algebra I	Analytic Geometry / Geometry	Advanced Algebra / Algebra II	Pre-calculus
SCIENCE	Physical Science	Biology	Chemistry	Physics
SOCIAL STUDIES	World History	Psychology	US History	Government (½ unit) Economics (½ unit)
PATHWAY COMPLETER	Industry Fundamentals and Occupational Safety	Introduction to Construction	Carpentry I	Another course in focus area, Work-Based Learning, or Youth Apprenticeship
Industry Recognized Credential (Pathway Completer)		Visit the End of Pathway Assessment Page (see note below)		
Required/ Selective Electives	Health & Personal Fitness (can be taken in grades 9-12)	Electrical I	Carpentry II	Financial Technologies and Services
	Modern Language/Latin 2 units required for admissions to Georgia University System Colleges/Universities For a listing of Modern Language/Latin courses offered at your high school, please contact your advisor, counselor, or curriculum handbook.		Other Electives For a listing of other elective courses offered at your high school, please check with your advisor, counselor, or curriculum handbook.	

Postsecondary Transition

- University System of Georgia Institutions: Admissions Testing
 - ACT or SAT
 - For More Information:
 - Contact the institution of your choice
- Technical College System of Georgia
 - Placement Exam
- United States Military
 - ASVAB Assessment
- Use BRIDGE Law platform to inform decisions on postsecondary opportunities
- Dual Enrollment
- Earning high school course credits while taking college courses

Carpentry Career Pathway Completers - Industry Credentialing for High School Students

Upon completion of sequenced courses in the Carpentry Pathway, students are eligible to complete the Industry-Recognized student credential for fulfillment of the End of Pathway Assessment. Secondary students completing the Carpentry pathway will be able to sit for the National Industry Credentialed assessment offered on-line from NCCER and NOCTI. Once mastery is reached, students will receive recognition for completion and use this credential in conjunction with their job or continuing training. For specific assessment information, refer to: <http://bit.ly/ArchConstEOPA>.

Carpentry Pathway Description

Construction includes the building of new structures as well as additions and modifications to existing ones. The construction industry also includes maintenance, repair, and improvements on these structures. Carpenters construct and repair building frameworks and structures— such as stairways, doorframes, partitions, and rafters—made from wood and other materials. They also may install kitchen cabinets, siding, and drywall.

Although most carpenters learn their trade through a formal apprenticeship, some learn on the job, starting as a helper. Carpenters use many different hand and power tools to cut and shape wood, plastic, fiberglass, or drywall. They commonly use hand tools, including squares, levels, and chisels, as well as many power tools, such as sanders, circular saws, and nail guns.

Sample In Demand Careers in Georgia

Occupation Specialties	Level of Education Needed	Georgia Average Salary	Annual Average Openings in Georgia	2018 – 2028 Employment Outlook
Drywall Installer	High School Diploma	\$42,850	170	In Demand
Construction Carpenter	Postsecondary Certificate	\$43,520	2,610	In Demand, High Skill
Construction Manager	Bachelor's Degree	\$86,800	950	In Demand, High Skill
Construction & Building Inspector	Bachelor's Degree	\$49,150	300	In Demand

Related Pathway Occupations

- Construction Foremen
- Drywall Installers
- Construction Craft Laborers
- Floor Layers

Other Related Occupations

- Construction Engineers
- Painters
- Project Inspectors
- Roofers
- Paperhangers



O*NET Online

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NOTE: Students have many options to **ENTER** and **EXIT** from their academic studies into the workforce. When a student graduates from high school, they are eligible to choose one of many **ENTRANCE POINT** options: **1.** Enroll in either a 2 or 4 year post-secondary program; **2.** Enroll in an apprenticeship program or the military; or **3.** Enter the workforce using technical skills learned in high school. When a student finishes a 2- or 4-year degree program, they may choose to **EXIT** and **1.** Enroll in an apprenticeship program or the military; **2.** Enroll in a professional university degree program; or **3.** Enter the workforce using technical skills learned.

POSTSECONDARY:

	TCC	DIPLOMA OR AAS	BACHELOR OF SCIENCE
Entrance/Exit Point	CW1 Certified Construction Worker TCC COFC 1011 Overview of Building Construction Practices and Materials COFC 1020 Professional Tool Use and Safety COFC 1050 Construction Print Reading Fundamentals	CA22 Carpentry Diploma CCW1 TCC plus ENGL 1010 Fundamentals of English I MATH 1012 Foundations of Mathematics EMPL 1000 Interpersonal Relations and Professional Development CARP 1070 Site Layout Footings and Foundations CARP 1105 Floor Wall and Stair Framing CARP 1110 Ceiling and Roof Framing CARP 1112 Exterior Finishes and Roof Coverings CARP 1114 Interior Finishes COMP 1000 Introduction to Computer Literacy CARP 1190 Advanced Residential Finishes and Decks CA23 Carpentry Degree CA22 Diploma plus 15 Credits General Education Core 15 Credits of Occupational Related Electives	The University System of Georgia offers students' higher education options at 30 institutions throughout the state, providing a wide range of academic programming including certificates and associate, baccalaureate, masters, doctoral and professional degrees. https://apps.ds.usg.edu/ords/f?p=118:1:0
Entrance/Exit Point			
Entrance/Exit Point			

Go to GAfutures at www.gafutures.org for more information about your education and career planning, including valuable financial information (grants and scholarships including HOPE Program, grants, and loans, FAFSA, and CSS forms).

Career Enhancement Opportunities	Career-Related Education Activities <ul style="list-style-type: none"> Career Awareness Career Exploration Instructional Related Connecting <ul style="list-style-type: none"> Work-Based Learning Employability Skill Dev. Cooperative Education Internship Youth Apprenticeship Clinicals 	Postsecondary Options: <ul style="list-style-type: none"> 4-Year Universities/Colleges 2-Year Colleges Technical Colleges State Registered Apprenticeships Special Purpose Schools On-the-Job Training Military 	Earning Postsecondary Credits While in High School <ul style="list-style-type: none"> Dual Enrollment Program <ul style="list-style-type: none"> Earn postsecondary credit while in high school You can complete <ul style="list-style-type: none"> Industry Credential Technical Certificate of Credit (TCC) Associates of Applied Science Degree Bachelor's Degree Who can help? <ul style="list-style-type: none"> Parents School Counselor Advisor
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