

PROGRAM OF STUDY: Masonry



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	Government	World History	US History	Economics
PATHWAY COMPLETER	Industry Fundamentals & Occupational Safety	Introduction to Construction	Masonry 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)	Introduction to Business Technology	Financial Literacy	Plumbing II
	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

Masonry Career Pathway Completers - Industry Credentialing for High School Students

Upon completion of sequenced courses in the Masonry Pathway, students are eligible to complete the industry-Recognized student credential for fulfillment of the End of Pathway Assessment. Secondary students completing the Masonry pathway will be able to sit for the National Industry Credentialed assessment offered on-line from NCCER and SkillsUSA. 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>.

Masonry Pathway Description

Construction is one of the nation's largest industries with over 7 million wage and salary jobs and 1.9 million self-employed workers. The construction industry also includes maintenance, repair, and improvements on these structures. Brick masons, block masons, and stone masons (or, simply, masons) use bricks, concrete blocks, and natural stones to build fences, walkways, walls, and other structures. The work is physically demanding because masons often must lift heavy materials, stand, kneel, and bend for long periods of time. They usually work outdoors, and poor weather conditions may reduce work activity. Most masons work full time. Although most masons learn through a formal apprenticeship, some learn informally on the job. Others learn through 1- or 2- year mason programs at technical colleges. Overall employment of masons is projected to grow 40 percent from 2014 to 2024, much faster than the average for all occupations. Population growth will create a need for schools, hospitals, apartment buildings, and other structures, but construction of these buildings may be delayed as state and local governments face budget shortfalls. Highly skilled masons with a good job history and work experience in construction should have the best job opportunities

Sample In Demand Careers in Georgia

Occupation Specialties	Level of Education Needed	Georgia Average Salary	Annual Average Openings in Georgia	2018 – 2028 Employment Outlook
Plasterers and Stucco Masons	High School Diploma	\$32,824	258	In Demand, High Skill
Stone Mason	High School Diploma	\$38,500	159	In Demand, High Skill
Brick and Block Masons	Technical Certificate	\$36,572	115	In Demand, High Skill
Cement Masons/Concrete Finishers	Technical Certificate	\$36,724	298	In Demand, High Skill

Related Pathway Occupations

- Masons
- Plumbing Craft Laborers
- Construction Inspectors
- Cost Estimators
- Construction Foremen

Other Related Occupations

- Construction Engineers
- Project Inspectors
- Project Managers



O*NET Online

