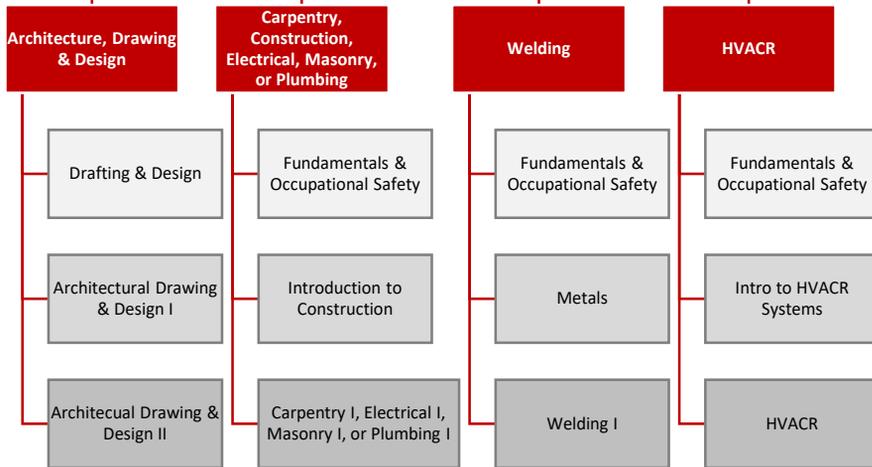




# ARCHITECTURE & CONSTRUCTION

## Pathways

Programs of Study



A pathway is a sequence of 3 courses offered that provide a real world look at a career that interests you. Skills learned in these courses will prepare you for construction and technicians programs.

If you are thinking about being an architect or going into construction, check out the Architecture & Construction courses offered at Maxwell High School of Technology ([maxwellhigh.com](http://maxwellhigh.com)) and Berkmar HS.

**Architecture, Drawing & Design** courses explore career paths available in architecture and explore drafting and design techniques and software used in the industry.

**Construction** related courses explore career paths related to carpentry, masonry, plumbing and electrical work as well as HVACR and welding. Courses offer students hands-on experiences as well as learning how to use industry-grade tools and software.

Students who complete a pathway have the opportunity to take an End of Pathway Assessment. **GCPS tested 148 students in spring 2019!**

Outlook for Architects & Construction in Atlanta Metro	Current		5-Year
	Employment	Avg. Annual Wages	Total New Demand
Architects	2,776	\$99,400	1,221
Surveyors	813	\$57,300	389
Brick Masons & Block Masons	1,422	\$39,100	746
Stone Masons	330	\$43,300	169
Carpenters	20,465	\$48,900	11,150
Operating Engineers & Equipment Operators	5,736	\$38,600	3,903
Electricians	13,217	\$49,500	8,698
Painters, Construction & Maintenance	6,460	\$35,800	3,264
Plumbers, Pipefitters, & Steamfitters	8,337	\$48,200	5,512
Sheet Metal Workers	2,189	\$44,700	1,366
Construction & Building Inspectors	1,644	\$52,200	1,072
<b>All Construction &amp; Architectural Occupations</b>	<b>123,476</b>	<b>\$66,750</b>	<b>76,451</b>



**Welding Level I Certification Pass Rate: 100%**

Gwinnett's total construction growth in 5 years is projected to be **13,982** workers with an average wage of **\$43,000** annually!

Source: JobsEQ from 2018Q3 Note—Not all related professions listed.

## Is Architecture and Construction the right cluster for you?

# QUIZ

1. Do you like to draw?
2. Are you good at working with tools?
3. Did you build things with Legos or blocks as a child?
4. Do you get good grades in math and science?
5. Do you like working on projects as part of a team?
6. Have you ever built a tree house or another structure?
7. Do you enjoy decorating your bedroom or other rooms in your home?
8. Are you good at following directions?
9. Do you dream of constructing skyscrapers or other structures?
10. Do you like working with your hands?

If you answered 'yes' to 5 or more questions, architecture and construction may be the right cluster for you. Get more information from your counselor and teachers about career assessment and interest inventories on **Virtual Job Shadow!**

