



ARCHITECTURE AND CONSTRUCTION

ARCHITECTURAL  
DRAWING AND  
DESIGN PATHWAY

People with careers in engineering, drawing, and design are people who solve problems and focus on making things work more efficiently and effectively. Engineers apply the theories and principles of science and mathematics to research and develop economical solutions to technical problems. Their work is the link between perceived social needs and commercial applications.

**PATHWAY COURSES**

- Introduction to Drafting and Design
- Architectural Drawing and Design I
- Architectural Drawing and Design II

**RECOMMENDED COURSES**

- Advanced Algebra/Trigonometry
- Calculus
- Computer Applications
- Entrepreneurship
- Introduction to Animation and 3D Design
- Physics
- Work-Based Learning
- World Language

**POST-SECONDARY DEGREES, DIPLOMAS, AND CERTIFICATES**

**TECHNICAL COLLEGES**

- CAD Operator
- Land Development
- Project Management
- Specialty Construction

**COLLEGES/UNIVERSITIES**

- Architecture
- Civil Engineering Technology
- Construction Engineering
- Construction Management
- Surveying and Mapping

**CAREER AND TECHNICAL STUDENT ORGANIZATIONS**



**TOP CAREER CHOICES**

**Architect**

Moderate-Term On-the-Job Training needed  
\$53,000 annual salary  
110 annual average openings in Georgia

**Architectural and Civil Drafter**

Post-Secondary Vocational Training needed  
\$42,078 annual salary  
80 annual average openings in Georgia

**Mechanical Drafter**

Post-Secondary Vocational Training needed  
\$42,141 annual salary  
40 annual average openings in Georgia

**Surveying and Mapping Technician**

Moderate-Term On-the-Job Training needed  
\$43,540 annual salary  
110 annual average openings in Georgia

**Surveyor**

Bachelor Degree needed  
\$59,000 annual salary  
110 annual average openings in Georgia

**ADDITIONAL CAREER CHOICES**

- Architectural Detailer
- Architectural Engineer
- Building Inspector
- Civil Engineer
- Designer
- Drafter
- Electrical Engineer
- Environmental Engineer
- Interior Designer
- Landscape Designer
- Structural Detailer
- Structural Engineer
- Technician
- Urban Planner



- Alliance Academy for Innovation
- Denmark High School
- East Forsyth High School
- Forsyth Central High School
- Forsyth Virtual Academy
- Lambert High School
- North Forsyth High School
- South Forsyth High School
- West Forsyth High School