

## Focusing Education on the Future!



# CAREER PATHWAY CONSTRUCTION

Dual or Tech/Career Seal

People with careers in Construction literally build our future! These are people who build and remodel houses, apartments, industrial buildings, warehouses, office buildings, churches, schools and recreational facilities. The pathway also includes the builders of highways, streets, bridges, tunnels and airports as well as power plants, chemical plants, refineries and mills.

### Major Courses

Students must take **THREE** pathway concentration courses and **ONE** additional pathway elective course.

#### Pathway Concentration Courses (3):

- Carpentry I
- Carpentry II-Habitat (formerly Residential Carpentry)
- Electrical I
- Introduction to Construction (formerly Introduction to Building)
- Masonry I
- Occupational Safety & Fundamentals (Required) (formerly Fundamentals of Construction)
- Plumbing I

#### Pathway Elective Course (1):

- Apprenticeship/Internship
- Architectural Drawing & Design I
- Electrical Systems I
- Intro to Engineering Drawing
- Intro to Manufacturing/Engineering Science
- Other Pathway Concentration Course

### Other Recommended Courses

- Drafting
- Informal Geometry
- Physics
- Technical Theatre
- Entrepreneurship: Building a Business
- Foundations of Engineering & Technology

### Post-Secondary Degrees, Diplomas, & Certificates

#### Technical Colleges

- Air Conditioning
- Building & Construction
- Carpentry & Construction Management
- Commercial Construction
- Contracting Management

#### Colleges/Universities

- Architecture & Environmental Design
- Building & Facilities Maintenance
- Electrical Construction & Maintenance



General Contractor  
General Builder  
Estimator  
Equipment Manager  
Construction Inspector  
Carpenter

Specialty Contractor  
Superintendent  
Project Inspector  
Material Manager  
Subcontractor  
Electrician

Construction Engineer  
Project Manager  
Manufacturer Representative  
Scheduler  
Service Contractor  
Plumber/Pipe Fitter

Construction Manager  
Construction Foreman  
Sales & Marketing Manager  
Safety Director  
Field Supervisor  
Painter/Roofer/Paperhanger

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### EMPLOYMENT OUTLOOK

Construction is one of the largest industries in the United States with over 8.3 million jobs. Job opportunities are expected to be excellent in the construction industry, due largely to the numerous openings arising each year from experienced construction workers who leave the field and the continued shortage of adequate training programs. Construction has a very large number of self-employed workers. Earnings in construction are significantly higher than the average for all industries.