## 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.

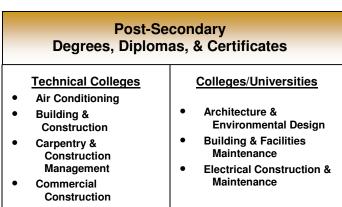
- Pathway Concentration Courses (3):
- Carpentry I
- Carpentry II-Habitat
- (formerly Residential Carpentry) • Electrical I
- Introduction to Construction
- (formerly Introduction to Building)
- Masonry I
- Occupational Safety & Fundamentals (Required) (formerly Fundamentals of Construction
- Plumbing 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



- Contracting Management
- 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

### 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.

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