

# Architecture and Construction

Business and Industry Endorsement

## Do you...

help do projects around the house, like building a bookshelf or laying floor tile?

like to repair broken items and learn how they work?

like to help rewire things and make them work?

dream of designing your own building or home?

**Then get ready for a career that is built to last with Architecture and Construction!**

Work in the Construction industry can lead to all kinds of jobs ranging from carpentry and masonry to 3-D interior design and computer programs that can control the internal environment of commercial office buildings.

**Career and Technical  
Education**



## Programs of Study

Carpentry  
Electrical



## Fastest Growing Careers

Construction Manager, Architect, Interior Designer, Civil Engineer, Metal Worker, Cost Estimator, Electrical Lineman, Civil Engineer, and Electrician

## Highest Paying Careers

Electrical Engineer	\$108,130
Construction Manager	\$97,180
Civil Engineer	\$95,380
Architect	\$92,940
Electrician for Govt	\$62,110

## Careers To Consider

**4 Year College Degree & Higher:**  
Construction Manager, Civil Engineer, Architect, Project Estimator, Industrial Engineer, Interior Designer

**2-Year College Degree:**  
Contractor, Code Official, Foreman, General Contractor, Builder, Interior Designer

**Certification and HS Diploma:**  
Carpenter, Mason, Electrician, Drywall Installer, Design Assistant, Lead Carpenter

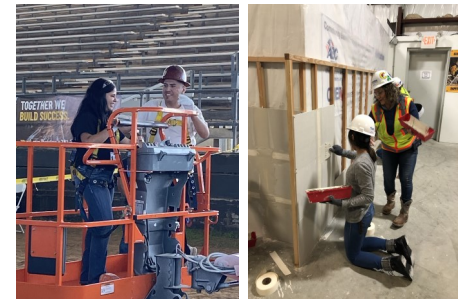
## Programs of Study in Pasadena ISD

	Grade 9	Grade 10	Grade 11	Grade 12
<b>Carpentry</b> (Construction Pathway) CTHS, PHS, SHHS	Principles of Architecture	Basic Architecture	Construction Technology I	Construction Technology II
<b>Electrical</b> (Electrical and Instrumentation Pathway) CTHS	Principles of Construction	Electrical Technology I	Electrical Technology II	Practicum in Construction Technology

*Please refer to the Pasadena Course Selection and Registration Guide for more information on career pathways, endorsements, course requirements, and certification opportunities offered at each high school campus.*

## Earn Industry Certifications

NCCER Core Curriculum  
NCCER Carpentry, Level 1  
NCCER Carpentry, Level 2  
NCCER Electrical, Level 1  
NCCER Electrical, Level 2  
OSHA 10



## Career and Technical Student Organization—SkillsUSA

SkillsUSA is a partnership of students, teachers, and industry working together to ensure America has a skilled workforce. It teaches the importance of developing leadership skills, positive attitudes, and pride in workmanship and prepares students for employment by introducing them to corporate quality culture.



Non-Discrimination Notice

