

ARCHITECTURE & CONSTRUCTION

Construction Management and Inspection, Carpentry, HVAC and Sheet Metal, Plumbing and Pipe Fitting

Endorsement: Business & Industry

The **Architecture and Construction** career cluster focuses on careers in designing, building, planning, managing, maintenance in a built environment, and more! Principles of Architecture provides an overview of the various fields in architecture, interior design, and construction management.

CAMPUSES

Austin HS	Milby HS
Houston MSTC	Scarborough HS
Jones HS	Washington HS
Barbara Jordan Career Center	Wisdom HS

INDUSTRY-BASED CERTIFICATIONS OFFERED

- NCCER Core Curriculum
- NCCER Construction Technology
- NCCER Carpentry, Level 1
- NCCER Electrical, Level 1
- NCCER Plumbing, Level 1
- NCCER Plumbing, Level 2
- Refrigerant Handling (EPA 608)
- Autodesk Certified Professional or User in AutoCAD/ Revit Architecture 1

CAREER OCCUPATIONS*

HIGH SCHOOL DEGREE

Sheet Metal Worker	Median Salary: \$40,928	Annual Openings: 443
Security and Fire Alarm Systems Installer	Median Salary: \$51,228	Annual Openings: 290
Construction and Building Inspector	Median Salary: \$62,041	Annual Openings: 341

ASSOCIATE'S DEGREE

Architectural and Civil Drafter	Median Salary: \$55,596	Annual Openings: 475
Civil Engineering Technician	Median Salary: \$51,466	Annual Openings: 326
Home Appliance Repairer	Median Salary: \$43,823	Annual Openings: 72

BACHELOR'S DEGREE

Cartographers and Photogrammetrist	Median Salary: \$62,862	Annual Openings: 54
Surveyor	Median Salary: \$59,322	Annual Openings: 156
Civil Engineer	Median Salary: \$106,006	Annual Openings: 1,053

OTHER OCCUPATIONS*

DESCRIPTION	MEDIAN SALARY	ANNUAL OPENINGS	GROWTH
Commercial Diver	\$45,870	36	21%
Heating, Air Conditioning, and Refrigeration Mechanic and Installer	\$48,779	803	21%
Plumber, Pipefitter, and Steamfitter	\$53,243	1,937	20%
Brickmason and Blockmason	\$48,288	162	20%
Electrical Power – Line Installer and Repairer	\$60,419	304	19%
Crane and Tower Operator	\$51,882	351	19%
Elevator Installer and Repairer	\$70,297	140	18%
Electrical and Electronics Repairer – Powerhouse, Substation, and Relay	\$71,861	26	18%

*Source:TEA/Texaswages.com

To learn more about our CTE Programs please visit <https://www.HoustonISD.org/CareerReadiness> or any of the campuses listed.

