

2021-22

ARCHITECTURE & CONSTRUCTION

The Architecture and Construction Career Cluster prepares students for careers in designing, planning, managing, building and maintaining the built environment. Examples of careers include drafters, electricians, construction managers and plumbers.

SECONDARY

ENROLLMENT

22,430

Enrollments in High School Programs



+ 2,026

Enrollments in Middle School Programs



= 24,456

= 10,000

TOP CERTIFICATIONS EARNED BY K-12 STUDENTS

1ST Autodesk Certified User - AutoCAD	2ND HBI Preapprenticeship Certificate Training (PACT), Core	3RD Autodesk Certified User - Revit Architecture
	4TH HBI Preapprenticeship Certificate Training (PACT), Core Green	5TH NCCER Carpentry - Level 1 (Secondary)

TOP HIGH SCHOOL PROGRAMS

Building Trades/Construction (7,805)

Building Construction Technologies (4,451)

Carpentry (2,464)

Drafting (2,381)

Air Conditioning, Refrigeration & Heating Technology (1,614)

ARTICULATION PATHWAY TO COLLEGE

Autodesk Certified User - Revit Architecture

Articulates 3 credits

Building Construction Technology A.S. Degree

\$320.70 in State College Tuition Savings

POSTSECONDARY & EMPLOYMENT

DISTRICT POSTSECONDARY ENROLLMENT

17,878

Enrollment

33

Districts



TOP CERTIFICATIONS

1ST
HVAC Excellence
Employment Ready
- Electrical

2ND
HVAC Excellence
Employment Ready
- Air Conditioning

3RD
HVAC Excellence
Employment Ready
- Heat Pump

TOP PROGRAMS

- Electrician (APPR) (4,419)
- Heating, Ventilation, Air-Conditioning/Refrigeration (HVAC/R) (CAR) (3,814)
- Electricity (CAR) (2,216)
- Plumbing Technology (APPR) (1,272)
- Air Conditioning, Refrigeration and Heating Technology (APPR) (1,017)

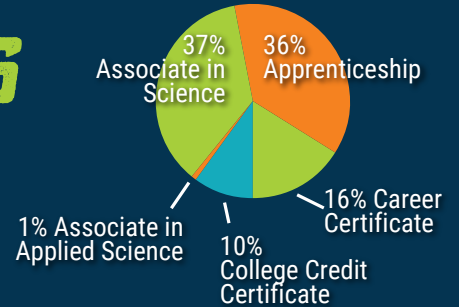
COLLEGE SYSTEM ENROLLMENT

6,066

Enrollment

23

Colleges



TOP CERTIFICATIONS

1ST
HVAC Excellence
Employment Ready - Heat Pump

2ND
NCCER Electrical -
Level 4
(Postsecondary)

3RD
Autodesk Certified
User -
AutoCAD

TOP PROGRAMS

- Electrician (APPR) (1,248)
- Building Construction Technology (AS) (733)
- Architectural Design & Construction Technology (AS) (677)
- Heating, Ventilation, Air-Conditioning Refrigeration (HVAC/R) (CAR) (655)
- Computer-Aided Drafting and Design (CCC) (366)

EMPLOYMENT OUTLOOK

HIGH WAGE
\$22.25
Per Hour Mean Wage

Electricians

ANNUAL OPENINGS
8,240
Annual Openings

Carpenters

HIGH GROWTH
1.87%
Annual Growth Rate

Structural Iron and Steel Workers