

2023-24

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

23,336

Students Enrolled in High School Programs



+ 2,548

Students Enrolled in Middle School Programs



= 10,000

= 25,884

TOP CERTIFICATIONS EARNED BY K-12 STUDENTS

1ST

HBI Pre-Apprenticeship Certificate Training PACT Core

2ND

Autodesk Certified User AutoCAD

3RD

Autodesk Certified User Inventor

4TH

Autodesk Certified User Revit

5TH

HBI Pre-Apprenticeship Certificate Training (PACT), Core Green

TOP HIGH SCHOOL PROGRAMS

1. Building Trades/Construction (8,804)
2. Building Construction Technologies (4,672)
3. Carpentry (2,102)
4. Air Conditioning, Refrigeration and Heating Technology (1,802)
5. Electricity (1,653)

ARTICULATION PATHWAY TO COLLEGE

HVAC Excellence Employment Ready - Heat Pump

Articulates 4 credits

Air Conditioning, Refrigeration and Heating Systems Technology A.S. Degree

\$427.12 in State College Tuition Savings

POSTSECONDARY & EMPLOYMENT

DISTRICT POSTSECONDARY ENROLLMENT

15,831

Students Enrolled

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

1. Electrician (APPR) (5,107)
2. Heating, Ventilation, Air-Conditioning/Refrigeration (HVAC/R) (CAR) (2,177)
3. Electricity (CAR) (1,508)
4. Air Conditioning, Refrigeration and Heating Technology (APPR) (1,302)
5. Plumbing Technology (APPR) (1,171)

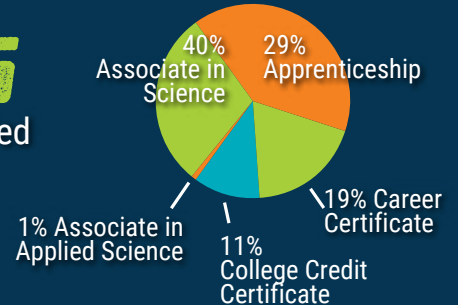
COLLEGE SYSTEM ENROLLMENT

6,275

Students Enrolled

24

Colleges



TOP CERTIFICATIONS

1ST

HVAC Excellence
Employment Ready
- Air Conditioning

2ND

HVAC Excellence
Employment Ready
- Electrical

3RD

HVAC Excellence
Employment Ready
- Heat Pump

TOP PROGRAMS

1. Electrician (APPR) (1,181)
2. Building Construction Technology (AS) (953)
3. Heating, Ventilation, Air-Conditioning Refrigeration (HVAC/R) (CAR) (849)
4. Architectural Design & Construction Technology (AS) (774)
5. Construction Management Technology (AS) (349)

EMPLOYMENT OUTLOOK

HIGH WAGE

\$23.60

Per Hour Mean Wage

Electricians

ANNUAL OPENINGS

6,762

Annual Openings

Carpenters

HIGH GROWTH

2.35%

Annual Growth Rate

Roofers