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.

**2018-19 Top Certifications Earned by K-12 Students**

- Autodesk Certified User - AutoCAD
- Autodesk Certified User - Inventor
- Pre-Apprenticeship Certificate Training (PACT), Building Construction Technology
- NCCER Carpentry Level 1
- NCCER Electrical Level 1

**Articulation Pathway to College**

- Autodesk Certified User - Revit Architecture (ADESC008)
- Articulates 3 credits
- Building Construction Technology A.S. Degree

**$320.52 in State College Tuition Savings**

**Top High School Programs**

- Building Trades/Construction (6,230)
- Building Construction Tech (4,674)
- Drafting (2,490)
- Carpentry (1,723)
- Architectural Drafting (1,194)
Postsecondary & Employment

District Postsecondary Enrollments

13,111

39% Certificate

61% Apprenticeship

32 Districts

Top Programs

- A/C Tech Appren.
- Electricity
- Plumbing Appren.
- A/C Tech
- Electrician Appren.

1,083
1,261
1,365
2,171
3,733

Top Certifications Earned by District Postsecondary Students

1st

HVAC Excellence Employment Ready - Electrical

2nd

HVAC Excellence - A/C

3rd

HVAC Excellence Employment Ready - Heat Pump

4th

Autodesk Certified User - AutoCAD

5th

HVAC Excellence - Electric Heat

6th

Autodesk Certified Prof. - AutoCAD

7th

HVAC Excellence - Light Comm. AC

Employment Outlook

High Growth

2.1% Growth Rate

High Wage

$21.26 per hour Mean Wage

Annual Openings

7,955 Annual Openings

Structural Iron & Steel Workers

Electricians

Carpenters

Notes: Based on 2018-19 data. Postsecondary enrollment is limited to district programs and includes dual enrollment students. Enrollment outlook is based on the 2019-20 Statewide Demand Occupations List.