

The Architecture and Construction career cluster focuses on designing, planning, managing, building, and maintaining the built environment. This career cluster includes occupations ranging from architects, carpenters, and construction managers to electricians, plumbers, and heating, air conditioning, and refrigeration technicians.

The HVAC and Sheet Metal program of study focuses on occupational and educational opportunities associated with installing, servicing, or repairing heating and air conditioning systems. The program of study addresses fabrication, assembly, installation, and repair of sheet metal r 2sa97 4 (anyT19.002 (and)-3es)5 (equipmentd[(icing,such.002 (and)-3.00ase program 4.0002 (and (arch(icing,)4.002 (control) (study)-4.0

- Principles of Architecture
- Principles of Construction

- Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology I
- Building Maintenance Technology I
- Entrepreneurship I

- Sheet Metal Technology
- Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology II

- Practicum in Construction Technology
- Practicum in Construction Technology + Extended Practicum in Construction Technology
- Practicum in Entrepreneurship
- Practicum in Entrepreneurship + Extended Practicum in Entrepreneurship
- Career Preparation for Programs of Study
- Career Preparation for Programs of Study + Extended Career Preparation

Dual credit offerings will vary by local education agency.

- Participate in a pre-apprenticeship in HVAC and refrigeration
- Intern with an HVAC company to practice installing and

Heating, Ventilation, and
Air Conditioning (HVAC) and
Refrigeration Technology I

None

Principles

of Architecture, Principles of
Construction, or Construction
Technology I

None

13005900 (2 credits)

Construction Technology II;
Building Maintenance Technology II;
Electrical Technology II; Heating,
Ventilation, and Air Conditioning (HVAC)
and Refrigeration Technology II; Plumbing
Technology I; or Mill and Cabinetmaking
Technology

None

None

None

First Time Taken:
13005250 (2 credits)
Second Time Taken:
13005260 (2 credits)

1. Architecture and Construction

First Time Taken:
13005255 (3 credits)
Second Time Taken:
13005265 (3 credits)

1. Architecture and Construction

First Time Taken:
12701121 (2 credits)

At least one Level 2
or higher CTE course
None

None
None



First Time Taken:
12701141 (3 credits)

At least one Level 2
or higher CTE course
None

None
None



For additional information on the [LEA name] career cluster, contact cte@tea.texas.gov or visit <https://tea.texas.gov/cte>



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