



Architecture & Construction

Realistic & Conventional Career Cluster

The Architecture and Construction cluster includes people who are involved in designing, building and maintaining homes, industrial facilities, streets or bridges. The roles vary from carpenter helper to safety engineers, so educational requirements vary, but most skilled tradespeople, like carpenters and plumbers, usually complete training directly on the job. The people who work in this field have strong skills in math and are passionate about design, home improvement and decor. The typical work environment can be an office or the homes and businesses of your customers.

Careers in this pathway can include:

Architectural and Civil Drafter or Engineer
Environmental Designer
Residential or Commercial Carpenter
Construction Worker
Plumber

Electrician
HVAC/HVACR Technician
Building Services Technician
Commercial Painter
Landscape

Certificate Programs	Military	2-Year College	4-Year College

In addition to the core academic graduation requirements students interested in this field are recommended to explore these options:

Classes at Nute:

- Geometry
- Trigonometry
- Pre-Calculus
- ELO
- Introduction to Business
- Business Management
- Accounting
- Makerspace
- Sculpture I
- Woodworking

CTE Programs:

- Architectural & Mechanical Engineering
- Building Construction Technology
- Electrical Technology & Renewable Resources
- HVACR
- Precision Machining
- Pre-Engineering Academy
- Welding Technology