

COLLEGE TECH PREP

Construction Technologies

In Level 1, students are introduced to plumbing and residential wiring with emphasis on both rough and finished carpentry. By applying learning theory in the spacious lab, students learn to build from floor to roof, which helps prepare them for a career in the construction industry. In Level II, students apply skills learned in the first year by working in an internship with contractors on jobsites. Completers of this program have entered apprenticeships, enrolled in two- and four-year colleges and worked for a contractor or builder as a carpenter. Some have started their own construction business! College credits are available at The University of Akron, Summit College.

Skills necessary for success

- Problem-solver
- Applied mathematics
- Able to visualize completed projects
- Ability to estimate and plan
- Use of hand and power tools
- Manual dexterity
- Safety awareness
- Designing and organization

Professional Pathway

- Drywall installer
- Mason
- Plasterer
- Carpenter
- Cabinet maker
- Rough framer
- Plumber
- Electrician
- Roofer
- Maintenance technician
- Painter
- Estimator
- General contractor
- Construction supervisor
- Property manager
- Building inspector
- Architect
- Construction manager

Program Recommendations

- Excellent attendance record
- Minimum 2.0 GPA

Career interests/helpful background

- Interest in constructing, repairing and maintaining buildings
- Interest in construction management
- Read blueprints and apply designs

Higher education opportunities

- College credits are available at The University of Akron, Summit College. See page 33.
- Associate's degree
- Bachelor's degree

Apprenticeships

GRADE LEVEL: 10, 11, 12

LENGTH: Two years

SCHOOL: Roosevelt

CREDIT:

Roosevelt: Level I - Tech Theory 1; Lab 2.

Level II - Tech Theory 1; Lab 1. Externship 1.

