

Architecture & Construction Cluster



The Building Construction program teaches students about residential and commercial Carpentry, Electrical, Masonry, and Plumbing. Carpentry Skills include blueprints, site layout, floor framing, wall framing, roof framing, exterior and interior finishes, employability and communications skills. Masonry Skills include facing concrete and laying masonry units. Electrical Skills include basic wiring and understanding electrical codes. Plumbing Skills include working with copper and PVC pipe, as well as understanding the installation process.

Period Duration & Grade Level

Building Construction is a two (2) year program

Grade levels: 10, 11, 12 Level 1: AM session Level 2: PM session

Certifications

Upon completion of this two year program, students may earn the following certifications:

- NCCER
- OSHA-10 Safety Training

Job Skills & Requirements

- Cope with a work environment that changes based on the weather.
- Ability to follow safety rules and willing to wear protective gear at all times.
- Strong ability to read and interpret blueprints.
- Physical ability to lift materials, climb a ladder, work on knees, etc...
- Strong ability to read and interpret precise measurement and apply geometric concepts.

Estimated Pay

Estimated salaries for a person in the Building Construction Field

Job Description	Hourly Mean Wage	Estimated Starting Salary
Construction Managers (Bachelor's Degree required)	\$44.62	\$92,810
Equipment Operator	\$18.63	\$38,740
Construction Laborers	\$14.31	\$29,760
Electricians*	\$21.10	\$43,890

**Electricians pay reflects 4 years field experience and passing Journeyman exam for SC LLR*