

# Building Construction Technology

Brick Center

2 Year Program

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**T**his program teaches the basic fundamentals of construction, as well as touching on more in-depth topics such as blueprint reading, framing, concrete block construction, roofing, sheathing, siding, drywall applications, door and window installation, interior finishes, and much more. Students are also exposed to various local companies and industry professionals who are seeking skilled employees, as well as colleges and technical institutes for continuing education.

## Skills You Will Learn

- Estimate material requirements
- Prepare building sites
- Build and install foundation forms
- Install rough framing and roof components
- Install exterior and interior finishes
- Assemble and construct stairs
- Install climbing equipment and work platforms
- Safety regulations and requirements
- Computer use to aid designing and estimating

## Preferred Skills for Career Field:

*You should prefer:*

- Working with your hands
- Precision and detail work
- Seeing the results of your own work

*You should be able to:*

- Solve simple math problems quickly
- Read and interpret working drawings
- Use a computer for applications in the construction industry

## Related Job Titles

Contractor  
Construction Inspector  
Form Builder

## Career Ladder

Most start as apprentices or helpers and advance to journeymen with experience and training. With additional education, many move on to become supervisors or contractors.

## Continuing Education

Ocean County Vocational Technical School  
Ocean County College  
Pennsylvania College of Technology  
New England Institute of Technology  
Carpenter's Local 2018 Apprenticeship