

# Building Construction Technology

Brick Center

2 Year Program

Mr. Mark Muraczewski

**B**uilding construction technologists install and repair framing, roofing, siding, sheathing, doors and windows, drywall and trim work using a variety of materials including wood, plastic, fiberglass and steel.

## 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

## Worker Requirements

*You should prefer:*

- Working with things
- 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

*Physically you must:*

- Endure all kinds of weather
- Bend, stoop and kneel
- Stand for long periods
- Have good vision
- Lift heavy objects

## Related Job Titles

Contractor                      Construction Inspector  
Form Builder                      Equipment Operator

## Career Ladder

Most start as apprentices or helpers and advance to journeymen with experience and training. Many move on to become supervisors or contractors.

## Continuing Education

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

## Additional Information

Associated General Contractors of America  
1957 E Street, NW  
Washington, DC 20006

Associated Builders and Contractors, Inc.  
729 15<sup>th</sup> Street, NW  
Washington, DC 20005

Home Builders Institute  
15<sup>th</sup> and "M" Streets, NW  
Washington, DC 20005

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