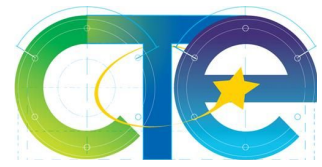




BREVARD PUBLIC SCHOOLS CAREER & TECHNICAL EDUCATION



Building Construction Technologies

PROGRAM HIGHLIGHTS

Here are just some of the skills students will possess after successfully completing the program:

- Program located at Astronaut, Cocoa, Melbourne and Palm Bay High Schools.
- Knowledge of proper use of basic hand and power tools.
- Read and interpret construction drawings.
- Frame floor systems, walls and ceilings, roof based on drawing and specification requirements.
- Erect, plumb and brace a simple concrete form with reinforcement.
- Possess basic welding knowledge and skills
- Understand construction documents, contract documents and specifications, and estimate project costs and schedule construction activities for a specific job.
- Identify local, state and federal codes and regulations.
- Investigate sustainability issues related to the design, construction and maintenance of the built environment.
- Install roofing materials, exterior finishes, cabinets, stairs.
- Prepare and apply finishes to surfaces.
- Troubleshoot, repair and install plumbing systems.
- Demonstrate knowledge of Drain, Waste and Vent (DWV) systems.
- Measure, cut and join plastic piping.
- Properly measure, ream, cut and join copper piping.
- Demonstrate electrical safety.
- Troubleshoot, repair and install electrical systems.
- Maintain, repair and install HVAC systems.

CERTIFICATES

**PACT Core
PACT Building
Construction Tech**


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**140
Classroom
Hours per
Year**



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