BREVARD PUBLIC SCHOOLS
CAREER & TECHNICAL EDUCATION
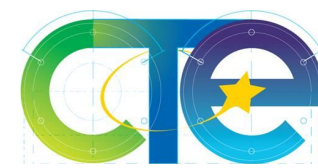
Brevard Public Schools

CTE

Technical Design

CERTIFICATES

AutoDESK Certified User - Inventor

PROGRAM HIGHLIGHTS

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

- Program located at Bayside, Cocoa, Cocoa Beach, Eau Gallie, Heritage, Palm Bay and Satellite High Schools.
- Apply the principles of engineering design in the creation and evaluation of a prototype.
- Demonstrate an understanding of the processes and technologies employed in the design and production of technical illustrations and drawings.
- Demonstrate technical knowledge and skills about the use and care of drafting instruments, equipment, and materials.
- Demonstrate technical skills and applications common to all types of drafting.
- Demonstrate technical knowledge and skills for making basic orthographic, pictorial, auxiliary view, and sectional view drawings.
- Demonstrate proficiency with common computer peripherals, including connections to standard input and output devices.
- Demonstrate abilities to apply the design process.
- Create architectural drawings to industry standards.
- Create a reverse engineered drawing (as built) from a solid object.
- Create technical drawings using software applications.
- Demonstrate technical writing skills.

CONTACT US TODAY TO BECOME AN INTERNSHIP PARTNER!

140 Classroom Hours per Year

Industry Certifications

Rigorous Curriculum

WWW.BREVARDSCHOOLS.ORG/CTE

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