

AT 8530 : Engineering Design

Virginia Beach City Public Schools ensures equal access to all CTE courses. Accessibility accommodations will be provided as needed.

Students receive extensive training in engineering and mechanical design; developing the complete assembly drawings, parts lists, welding, and detail sheets essential to the design and manufacture of the products that the world has come to depend upon. Students prepare for AutoCAD, and Inventor certifications, as well as the National Occupational Competency Testing Institute (NOCTI) Technical Drawing Assessment.

Subject Area

Advanced Technology Center

Credits 3

Years 1

Level

High School

Grades

9

10

11

12

Notes

Potential credit available with Old Dominion University

Parent Docs

[Engineering Design Parent Doc 2021-2022](#)