

AT 8532 : Naval Architecture & Ocean Engineering

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

This course allows students to apply engineering design principals that combine the students' imagination, artistic instincts, and problem-solving skills, in order to create the ocean transportation systems and structures of the future. Students will design sea going vessels, underwater robots, and cutting-edge wind turbines that will help meet America's future energy needs, while preparing for AutoCAD, and Inventor certification, as well as the National Occupational Competency Testing Institute (NOCTI) CAD assessment.

Subject Area

Advanced Technology Center

Credits 3

Years 1

Level

High School

Grades

10

11

12

Prerequisites

Engineering Design (AT 8530) or Basic Technical Drawing (TE 8435)

Parent Docs

[Naval Architecture & Ocean Engineering Parent Doc 2021-2022](#)