

# 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](#)