

# AT 8685 : Cybersecurity Systems Technology I

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

Technology is changing life as we know it. Innovations such as virtualization, cloud computing, tablets and smart phones are changing the way we live, work, learn and play. This program focuses on developing the hardware, software, networking and cybersecurity skills essential for successful transition into the fast-paced IT industry. While in this course you will learn how to build, repair and maintain desktop computers, servers, laptops and networks as well as install, configure, troubleshoot and secure various operating systems such as Windows 7/10/ Server, Mac OSX and Linux. During this two-year program students will have the opportunity to earn nationally recognized certifications like the Computing Technology Industry Association (CompTIA) A+, Network+, and Microsoft Technology Associate. Qualified second-year students will have the opportunity to participate in work-based learning experiences.

## **Subject Area**

Advanced Technology Center

**Credits** 3

**Years** 2

## **Level**

High School

## **Grades**

9

10

11

12

## **Parent Docs**

[Cybersecurity Systems Technology I Parent Doc 2021-2022](#)