CodeHS Advanced Cybersecurity

Overview

As technology expands and the number of connected devices grows, so does the need for security and network experts. The CodeHS Advanced Cybersecurity course is the capstone course of the cybersecurity pathway. In this course, students will learn advanced topics in the field of cybersecurity, including advanced cryptography, networking, risk assessment, and cyber defense.

Who is it for?

This course is designed for 11-12th graders who have taken Cybersecurity Fundamentals. The Intro to JavaScript or AP CSP course is a suggested prerequisite as well although not mandatory.

Certifications

After taking this course students will be prepared for the following certifications:

- CompTIA IT Fundamentals (ITF+)
- FCO-U51Certiport Network Fundamentals
- Certiport Security Fundamentals
- Portions of the CompTIA A+ 220-1001, CompTIA A+ 220-100, CompTIA Network+ and CompTIA Security+ exams

What do you learn?

Advanced Cryptography

Cyber Defense

Advanced Networking

Risk Assessment