

# Information Technology - Cybersecurity

## Degree Type

Specialty Programs

## Cybersecurity Pathway

Students explore both theory and hands-on practice in the following areas: critical infrastructure security systems and devices; intelligent computing and controlling devices and systems security; business information technology network security systems and techniques; industrial/utility industrial control systems networks and devices security; medical network and data system security; and ethical hacking roles and tools.

## Program Type

Transfer

## Schools

Potomac High School

## Cybersecurity Program Sequencing

### Grade 9

Students may take Information Technology (IT) Fundamentals **OR** Cybersecurity Fundamentals (not both)

Title	Credits
Information Technology (IT) Fundamentals	1
Cybersecurity Fundamentals	1

### Grade 10

Title	Credits
Cybersecurity Operations	1

### Grade 11

Title	Credits
Cybersecurity Systems Technology	1

### Grade 12

Title	Credits
Advanced Cybersecurity Systems Technology	2
Total Credits	5