

CYBERSECURITY

SETTING YOU UP FOR A FUTURE WHERE THE POSSIBILITIES WILL BE ENDLESS

Why Cybersecurity?

★ 3.5 ★
MILLION

JOB OPENINGS IN
CYBERSECURITY IN THE
YEAR 2025*

* CYBERCRIME MAGAZINE / CYBERSECURITY VENTURES

If you are a student who likes to solve challenges, likes to work with the latest technology and enjoys a good puzzle, choosing cybersecurity is for you. When selecting cyber, you are opting for a profession that offers high starting salaries and opportunities to advance in the field.



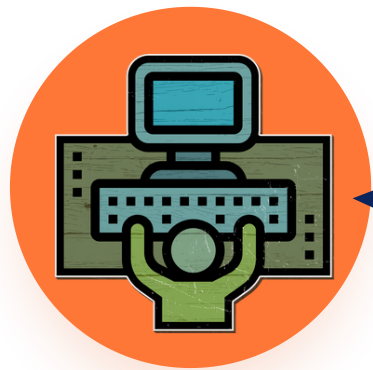
What is Cybersecurity?

The field of cybersecurity is responsible for securing all digital assets and data within an organization (the public and private sector and the military).



Why Cyber?

The opportunities for jobs will be endless. Starting salaries are substantial and the opportunity to grow in the field will provide you flexibility throughout your career.



Skills developed in Cyber

Passion, curiosity, collaboration, problem-solving and the ability to perform under pressure are all skills you will develop in cyber. You will also learn hardware, software, operating systems, coding and networking.

POTENTIAL JOBS IN CYBERSECURITY

ENTRY LEVEL \$60,000-90,000

- ▶ Cybersecurity Technician
- ▶ Incident Analyst
- ▶ Incident and Intrusion Analyst
- ▶ Cyber Crime Investigator

MID LEVEL \$90,000-130,000

- ▶ Information Security Analyst
- ▶ Threat and Warning Analyst
- ▶ Cybersecurity Architect
- ▶ Ethical Hacker / Pen Tester

ADVANCED \$130,000 +

- ▶ Chief Info Security Officer
- ▶ Cybersecurity Manager
- ▶ Lead Software Security Engineer
- ▶ Cybersecurity Engineer

CERTIFICATIONS

Cybersecurity courses will provide you with foundational knowledge, skills and abilities aligned to help prepare you for these industry certifications:

- CompTIA A+
- Network+
- Security+
- Certified Ethical Hacker (CEH)
- Certified Pen Tester (CPT)



CYBERSECURITY COURSES

Cybersecurity 1

- Foundational knowledge and skills
- Development of Cyber Mindsets
- Exposure to Industry subject matter experts
- Hands on learning through Cyber Competitions and use of a Cyber Range
- Aligned to IBM SkillsBuild Certification

Cybersecurity 2

- Course aligned to Comptia Security+
- You can earn Security + Certification
- You will have a Cyber Mentor
- Real World opportunities throughout the course
- Participate in National Competitions

Cybersecurity 3

- Personalized cyber area of focus
- Expanded Certification and Competition access
- Internships
- Real world opportunities
- Professional resume and skill development



CYBER COMPETITIONS

Throughout all 3 courses, you have an opportunity to compete against other HS and College students around the world through a variety of competitions

- [National Cyber League \(NCL\)](#)
- [Cyber Start America \(CSA\)](#)
- [Cyber.org \(Cyber Cup\)](#)
- [picoCTF \(Carnegie Mellon\)](#)
- [HS Capture the Flag \(HSCTF\)](#)

