

CYBERSECURITY



Prepare for today's hottest career by becoming a Cyber Warrior! Are you into computers and video games? Solving puzzles and mysteries? Writing code and programming computers? Tracking criminals? Defending our country? Then Cybersecurity may be for you.

Cybersecurity professionals are detectives solving puzzles; figuring out how break-ins occurred; determine "who did it", and do not give up easily. They are technology doctors curing IT systems attacked by malicious viruses by reading and writing code. They are prosecutors of cyber criminals and advocates looking out for rights to privacy in the digital age. Above all Cybersecurity Specialists are team players working together in a very diverse industry, which offers various career paths and specialties. The New York Times estimated 3.5 million jobs are unfilled in Cybersecurity field due to a lack of training in this new career field.

Students in Cybersecurity will have the opportunity to achieve the following certifications upon completion of the pathway :

- ◇ **Career Safe (Cyber Safety 1)**
- ◇ **CompTIA A+**
- ◇ **CCNA Cyber Ops**
- ◇ **MTA Security Fundamentals**

Course Path in Junior High

****A three-year commitment is required in Junior high****

7th Grade- Fall: TSDE/Coding **Spring:** Investigating Careers in Cybersecurity -2 sem .5 credit

8th Grade-Principles of Information Cybersecurity-2 sem 1 credit

9th Grade- Foundations of Cybersecurity -2 semesters 1 credit

*****High School courses will be at BUINGER CTE ACADEMY*****

10th grade- Computer Maintenance /Computer Science Cybersecurity

11th Grade - Networking/Digital Forensics Cybersecurity

12th Grade – Cybersecurity Capstone/ Practicum in Information Technology or STEM Cybersecurity