



## CyberSpace Academy Pre-Apprenticeship Program



# ABOUT

**Spark Mindset is breaking the cycle of poverty in historically underrepresented communities by offering the first-to-market accessible two-year cybersecurity pre-apprenticeship program for high school students.**

Whether through entering the workforce via apprenticeship or continuing to post-secondary education, we are focused on providing pathways to high-paying careers in cybersecurity.

CyberSpace Academy is a rigorous and innovative curriculum that uses both asynchronous and synchronous virtual learning to prepare students for the CompTIA Network+ CE and Security+ CE certification.

Our structured pathway provides students with 21st century skills, technical skills, mentorship, financial literacy, exam-prep boot camp, and the opportunity for work-based experience that will undoubtedly propel students into the exciting and rapidly changing world of cyber.

**Once students unlock their understanding of computer networks and security, they unlock access to a deep understanding of how our digital world works.**

**Cost:** \$2575 per student per year

**Contact:**

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# OUR PATHWAY

## Year 1: CompTIA Network+ CE (1 year, virtual)

Sophomores/Junior: Year-long course culminating in CompTIA Network+ CE certification

- Teaches essential networking skills
- Comprehensive approach to local area networks (LAN), wide area networking (WAN), security, cabling, etc.
- Concludes with 2-week bootcamp
- Network+ CE is a prerequisite credential for Security+ CE
- Colorado State University (CSU) Google Remote Work Certification

## Year 2: CompTIA Security+ CE (1 year, virtual)

Juniors/Senior: Year-long course culminating in CompTIA Security+ CE certification

- Teaches essential network data and security skills
- Comprehensive approach to protect your infrastructure to prepare students for entry-level positions in cybersecurity
- Concludes with 2-week bootcamp
- Security+ CE is a prerequisite for entry into internship/apprenticeship programs.

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**Mentorship:** We pair industry professionals with CyberSpace Academy High School students once per month (not to exceed 1 hr monthly during the school year).

**Work-Based Learning:** Upon completion of each credential, students have the opportunity to receive work experience in the field with a trusted and highly qualified internship partner.

**Opportunities:** Upon completion of the program and the CompTIA Security+ CE certification, students have the option to receive a one year apprenticeship with a trusted and highly qualified internship partner or pathways to 2 or 4-year post secondary degrees.

## WHY PRE-APPRENTICESHIP

Pre-apprenticeship programs provide an opportunity for students to gain experience and hone their skills in a particular trade while on the job, as well as study in a classroom with instructors who know the trade and provide ongoing learning and support

Pre-apprenticeships are cost effective, fill skills gaps, and increases positive attitudes as well as provide students with multiple pathways for future success.

**Our Mission.** To break the cycle of poverty in historically disadvantaged communities through cybersecurity training for high school students and adults.

**Our Vision.** To become the nation's leading social enterprise company for cybersecurity education and training in historically disadvantaged communities.

At Spark Mindset, we are on a mission to educate students from all backgrounds with the 21st Century skills essential to future success.

We are also addressing the lack of diversity in STEM for minorities, especially women of color. We partner with federal and/or state agencies who will provide funding to reimburse schools for our programming.