



QUED-UP 2,400 STUDENT CAMPAIGN

Cybersecurity Career Pathway for High School Juniors & Seniors

Learn cybersecurity. Build practical skills. Start preparing for your future before graduating high school.

Program Description

Through the **QUED-UP 2,400 Student Campaign**, QUED-UP is offering **sponsored cybersecurity training opportunities** for high school juniors and seniors interested in technology and cybersecurity careers. Previous cybersecurity experience is not required.

The program is a self-paced online cybersecurity career pathway designed to introduce students to cybersecurity from the ground up and build technical, analytical, problem-solving, and career-readiness skills.

How to think about the program:

Like other career-focused cybersecurity training programs, including Google's cybersecurity certificate pathway, QUED-UP's program is designed to build foundational knowledge and practical cybersecurity skills that students can use as preparation for further education and industry certification.

Eligibility

Applicants must:

- Be currently enrolled as a junior or senior in high school
- Have an interest in cybersecurity, computers, technology, or a related career
- Be willing to participate in a self-paced online learning program
- Commit to making consistent progress toward completing the program
- Have access to a computer and internet connection, or identify technology access as a barrier on the application

Previous cybersecurity experience is not required.

Program Length & Format

Typical completion time: Approximately 3-6 months

Format: Self-paced online learning

Students progress according to their individual schedules while working toward completion of the full pathway. Because the program is self-paced, participants are expected to maintain consistent progress.



What Students Will Learn

Course 1 - Cybersecurity Foundations

Core concepts used to protect computers, networks, systems, data, and users.

Course 2 - Security Risk Management

Threats, vulnerabilities, security controls, risk assessment, and cybersecurity frameworks.

Course 3 - Networks & Network Security

How networks operate, common attacks, monitoring, firewalls, and network defense.

Course 4 - Linux & SQL

Foundational command-line Linux skills and SQL for security-related investigation and analysis.

Course 5 - Assets, Threats & Vulnerabilities

How vulnerabilities are identified and how cybersecurity professionals evaluate threats.

Course 6 - Detection & Incident Response

Security monitoring, logs, alerts, incident investigation, response procedures, and SOC concepts.

Course 7 - Python for Cybersecurity

Using programming and automation to support cybersecurity tasks.

Course 8 - Cybersecurity Career Preparation

Career readiness, portfolio development, resumes, interviews, and entry-level opportunities.

Course 9 - AI-Powered Job Preparation

Using modern AI tools responsibly to support research, resumes, interviews, and professional development.

Certificate of Completion & Next Steps

Students who successfully complete the program receive a **QUED-UP Cybersecurity Certificate of Completion**. This recognizes completion of QUED-UP's cybersecurity training pathway.

Important: The QUED-UP Cybersecurity Certificate of Completion is not an industry certification such as CompTIA Security+. The training is intended to provide foundational education that students can build upon when pursuing additional education and recognized industry certifications.



STUDENT INTAKE / APPLICATION

Cybersecurity Career Pathway - High School Juniors & Seniors

Student Information

Student Full Name

Date of Birth

Current Grade

☐ Junior ☐ Senior

High School

City / ZIP Code

Student Email

Student Phone

Parent / Guardian Information

Parent/Guardian Name

Relationship to Student

Email

Phone

Preferred Contact

☐ Email ☐ Phone ☐ Text



Cybersecurity & Technology Interest

Why are you interested in cybersecurity?

Which areas interest you? Select all that apply.

- | | | |
|--|---|--|
| ☐ Cybersecurity | ☐ Computers & IT | ☐ Ethical Hacking |
| ☐ Network Security | ☐ Coding / Programming | ☐ Artificial Intelligence |
| ☐ Digital Forensics | ☐ Cybercrime Investigation | ☐ Technology Careers |
| ☐ I'm still exploring | | |

Have you taken a computer science, cybersecurity, coding, or technology course before?

- ☐ Yes ☐ No

If yes, tell us about it

Experience Level

How would you describe your current cybersecurity knowledge?

- ☐ I'm completely new to cybersecurity
- ☐ I know a few basic concepts
- ☐ I've completed some cybersecurity activities or courses
- ☐ I have significant technology experience

Previous cybersecurity experience is not required to be selected.

Technology Access

Do you have regular access to a computer?

- ☐ Yes ☐ No ☐ Sometimes

Do you have reliable internet access?

- ☐ Yes ☐ No ☐ Sometimes

If you answered No or Sometimes, explain what technology access you currently have



Student Commitment

The program is self-paced and typically takes approximately 3-6 months to complete. Are you willing to consistently work toward completing the program?

☐ Yes ☐ No ☐ I would like more information

How much time could you realistically dedicate each week?

☐ 1-2 hours ☐ 3-5 hours ☐ 6-10 hours ☐ More than 10 hours

What might make completing the program difficult? Select all that apply.

☐ School workload ☐ Sports/extracurriculars ☐ Work
☐ Family responsibilities ☐ Computer access ☐ Internet access
☐ Nothing anticipated ☐ Other

Other / additional details

Student Statement

Why would you like to be selected for a sponsored opportunity, and what do you hope to do with the skills you learn?

Parent / Guardian Acknowledgment

I understand that my student is applying to participate in the QUED-UP 2,400 Student Campaign Cybersecurity Career Pathway. The program is self-paced and generally takes approximately 3-6 months to complete. I understand that successful completion results in a **QUED-UP Cybersecurity Certificate of Completion** and that this certificate is not an industry certification such as CompTIA Security+. I understand that the program is intended to provide cybersecurity education and help prepare students for continued education, career exploration, and potential future industry certification. I understand that submitting this application does not guarantee acceptance into the program.

☐ I have read and agree to the acknowledgment above.

Parent/Guardian Signature (type full name)

Date