

CAREER TECHNICAL EDUCATION

# Cybersecurity



Silicon Valley Career Technical Education

# Cybersecurity (UC “g”)

**Students train for technical challenges in a networked computer system and learn methods to protect vital data in private and public industries. Prepare secure communications and identify risks for networks and devices. Cybersecurity professionals work in industries such as: financial services, law firms, health care facilities, government agencies, military service, law enforcement, and private security agencies. Job descriptions for this new and emerging industry have a projected growth outlook of 37% (27,400 new jobs in the US) and graduates may earn an average of \$86,100 annually. People who are successful in this field typically are very detail oriented, analytical and orderly. The class focuses on academic, technical skills, and employability practices. Students will develop personal and professional skills in the classroom that will transfer to the workplace:**

- Network security technology basics
- Security policies and procedures
- Network monitoring, structures and applications
- Risk analysis and assessment
- Functions of network components
- Analyzing security breaches
- To troubleshoot, diagnose, and problem solve
- To think, listen and communicate
- To work as a team
- To prepare resume and portfolio
- Job search and interview skills

## CLASS BENEFITS

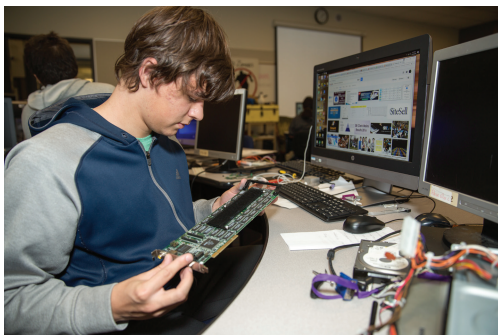
- 20-30 high school credits earned per year
- Develop skills leading to a highly paid, high demand job

## CERTIFICATIONS EARNED WITHIN THE CLASS

- Class completion certificate
- Cisco IT Essentials Certificate of Completion

## JOB OPPORTUNITIES UPON COMPLETION

- Network administration
- Technical support
- Information security
- Data Communications Specialist
- Cybersecurity Analyst
- Network System Analyst
- Computer Security Specialist
- Software or Systems Engineer
- Enterprise Security Professional
- Information Technology Security Analyst



Schedule your visit: [svcte.org/campus-tour](https://svcte.org/campus-tour)

## Meet your future, head on.

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**San Valley**

Career Technical Education [www.svcte.org](http://www.svcte.org)

760 Hillsdale Avenue, Building 800  
San Jose, CA 95136-1190

ph: 408.723.6400 | fax: 408.266.6531

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