



# CYBERSECURITY LEVEL 1 CERTIFICATION

Industry-Relevant  
Programming Certification  
for High School

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# Why Offer Certifications?

By helping set students up for success, CodeHS Certifications provide verification that your students have learned industry-relevant skills from a secure, comprehensive exam.

Building skill credibility for students and future employers will also boost your district's computer science program.



**Verify Industry-Relevant Skills & Knowledge**



**Develop a Professional Online Footprint**



**Build Skill Credibility for Future Employers**

## Certification Journey

### STEP 1

Complete a CodeHS course.

### STEP 2

Practice for the exam.

### STEP 3

Set an exam date with your teacher.

### STEP 4

Pass exam, tell the world!



CodeHS

# Cybersecurity Level 1 Certification Exam

The CodeHS Cybersecurity Level 1 Certification Exam proves students' foundational understanding of Cybersecurity topics and concepts. This certification can serve as a stepping stone for students' career aspirations and help build programming skill credibility.

## Exam Details



**Format:** 45 Multiple Choice Questions



**Delivery Method:** Online Timed Exam



**Cost:** Request a quote to discuss pricing options for your school or district.



## Prerequisites

There are no prerequisites to take the CodeHS Cybersecurity Level 1 Exam. We recommend that students take the CodeHS Introduction to Cybersecurity or Fundamentals of Cybersecurity course to fully prepare for the exam.



# Topics & Concepts Covered

## Cybersecurity Basics

- Ransomware
- Internet of Things
- Phishing
- CIA Triad

## Digital Citizenship & Cyber Hygiene

- Digital Footprint
- Cyberbullying
- Internet Safety
- Data Privacy and Security
- Password Strength
- Information Literacy
- Effective Internet Searches
- Creative Credit and Copyright
- Hacking Ethics and Legality

## Cryptography

- Basic Cryptography Vocabulary
- History of Cryptography
- Caesar Cipher
- Vigenere Cipher

## Software Security

- Clients and Servers
- Databases
- Security Problems
- SQL
- SQL Injection

## Networking

### Fundamentals

- Internet Hardware
- Internet Addresses
- IPv4 and IPv6DNS
- Routing
- Packets and Protocols





## How to Bring Certifications to Your School

**REQUEST A QUOTE**

[codehs.com/learnmore](https://codehs.com/learnmore)

**Questions?**

Contact the CodeHS Team at [hello@codehs.com](mailto:hello@codehs.com).