CodeHS

Cybersecurity Level 1
CERTIFIED

CYBERSECURITY LEVEL 1 CERTIFICATION

Industry-Relevant Programming Certification for High School

codehs.com | hello@codehs.com

CodeHS

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!

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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.

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Prerequisites

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

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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

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Topics & Concepts Covered Cont.

Programming Fundamentals

- Variables
- Data Types
- Functions
- Looping
- Branching
- Arrays
- Objects

System Administration

- Operating Systems
- Software
- Software Licenses
- Application Security
- Browsers
- System Administration
- Command Line Interface

IT Infrastructure

- Internal Components
- Peripheral Devices
- Network Devices
- Storage Options
- Network Options
- Network Communication
- Network Management

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How to Bring Certifications to Your School

REQUEST A QUOTE

codehs.com/learnmore

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