



CYBERSECURITY LEVEL 2 CERTIFICATION

Industry-Relevant
Programming Certification
for High School

codehs.com | hello@codehs.com

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 2 Certification Exam

The CodeHS Cybersecurity Level 2 Certification Exam proves students' understanding of advanced cybersecurity topics and concepts. This certification can serve as a stepping stone for students' career aspirations and help build cybersecurity 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

We recommend students take the Advanced Cybersecurity course prior to taking the CodeHS Cybersecurity Level 2 Certification Exam.



CodeHS

Topics & Concepts Covered

Advanced Cryptography

- Block and Transposition Ciphers
- Asymmetric and Symmetric Encryption
- Public Key Cryptography
- Hash Functions
- Digital Certificates

Advanced Networking

- Network Devices (IDS, IPS, UTM)
- Access Control
- Physical Security (Biometrics, Mantrap, etc)
- Environmental Controls
- Ports and Protocols (TCP, UDP)
- Wireless Protocols (802.11ac, etc)
- Private Networks (DMZ, VPN, MAC filtering)
- Mobile Device Security

Cyber Defense

- Threats, vulnerabilities, and exploits
- Malware Types and Prevention (Trojan, worm, rootkit, etc)
- Network Attacks (Cross-Site Scripting, DDos, Botnet, etc)
- Internal Attacks (BIOS, UEFI, DLP)

Documentation

- Change Management
- Incident Response Plans
- Software Licenses
- Data Policy, Privacy and Protection

Risk Management

- Types of Vulnerabilities
- Risk Assessment
- Risk Response
- Penetration Testing



Why Choose CodeHS Certifications?



Secure Test Environment

Cheat prevention settings like focus mode, question randomizer, and time limits



Fast Results

Exams scored and returned within 36 hours



Comprehensive Preparation

Includes additional practice problems and exams



Detailed Reporting

In-depth exam reports by student, section, and topic



Shareable Achievement

Verifiable digital certificates for students who pass



How to Bring Certifications to Your School

REQUEST A QUOTE

codehs.com/learnmore

Questions?

Contact the CodeHS Team at hello@codehs.com.



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