

CYBER SECURITY

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Instructor-Led Live Online Classes



50k
Learners



1:1 Personalized
Mentorship



40% Average
Salary Hike



ABOUT US

Eduork Pvt. Ltd. is a fast-growing company and a leading IT Skill Solutions company on its way to provide IT Technical Education via online & offline mode. Eduork is a global learning platform that helps students and working professionals to learn anything from anywhere, A company that has immense expertise in transforming careers across industries such as Cloud Computing, Networking, Cyber Security, Data Analytics, Data Science, Web Designing & Development, Business Analysis, and core technology essentials for the IT sector and technical roles. upBrain Skill Solutions provide all-necessary IT technical skills to learners. So, they can be ready for this competitive era. We are creating a pool of talents for global industry requirements. So, the IT industry can overcome its human resource challenges to find the best fit for their organization

Learn From the Best

All our courses are taught by the Top Technology Leaders and are relevant to industry needs. Upon completing a course, you'll receive a verified completion certificate recognized by Eduork.



Why Choose Us?

- ✓ Instructor-led Live Online Classroom Training
- ✓ Affordable Fee Structure
- ✓ High-Quality Hands On Practical Training
- ✓ Live Sessions with Top Technical Trainers
- ✓ Get access to courses for your technical skills
- ✓ Comprehensive Course Content
- ✓ Superb Satisfaction Score
- ✓ Earn a certificate when you complete a course
- ✓ Fresh graduates who are intent on taking the plunge into the job market
- ✓ Career Mentoring & Interview preparations
- ✓ 100% placements assistance from top companies



Our learners are able to access their learning material, all associated content and services through a dashboard on connected Desktops/ Laptops/Tablets/ Smartphones. They are also able to attend LIVE Instructor-led training by some of our best instructors, they are also able to view recorded sessions, take quizzes, and interact with their instructors & other joiners.



About The Course

A cybersecurity course is designed to equip individuals with the knowledge and skills necessary to safeguard information systems against various cyber threats and attacks. As our reliance on digital technologies grows, so does the need for robust cybersecurity measures, making this field both critical and highly relevant.

The course typically starts with foundational concepts of cybersecurity, such as understanding the principles of confidentiality, integrity, and availability, which are the cornerstone of information security. Students learn about various types of threats, including malware, phishing, ransomware, and denial-of-service attacks. They also explore the basics of network security, including firewalls, intrusion detection systems, and VPNs, which are essential for protecting data as it travels across networks.

As students advance, the curriculum delves into more specialized areas such as ethical hacking and penetration testing. Here, learners gain hands-on experience in identifying vulnerabilities in systems and understanding the methods used by attackers. This practical knowledge is crucial for developing effective defense strategies. Additionally, courses often cover cryptography, which involves encoding information to prevent unauthorized access, and risk management, focusing on assessing and mitigating potential security risks.

Another key component of a cybersecurity course is learning about legal and regulatory requirements. Students become familiar with standards and laws such as GDPR, HIPAA, and others that govern data protection and privacy. This understanding is essential for ensuring compliance and managing organizational security policies.

Many courses also offer practical, real-world simulations and lab exercises, allowing students to apply their knowledge in a controlled environment. These exercises often mimic real-life scenarios, providing valuable experience in responding to security incidents and breaches.

Finally, a cybersecurity course may prepare students for industry-recognized certifications such as CompTIA Security+, Certified Ethical Hacker (CEH), or Certified Information Systems Security Professional (CISSP). These certifications can enhance career prospects and demonstrate a high level of expertise to potential employers.

Overall, a cybersecurity course provides a comprehensive education in protecting digital assets, blending theoretical knowledge with practical skills to prepare individuals for a dynamic and rapidly evolving field.



Cyber Security Course Content

1. Introduction to Ethical Hacking

- Information Security Overview
- Information Security Threats and Attack Vectors
- Penetration Testing Concepts
- Hacking Concepts
- Ethical Hacking Concepts
- Information Security Controls
- Information Security Laws and Standards

2. Footprinting and Reconnaissance

- Footprinting Concepts
- Footprinting through Search Engines
- Footprinting through Web Services
- Footprinting through Social Networking Sites
- Website Footprinting
- Competitive Footprinting
- Whois Footprinting
- Network Footprinting
- Footprinting through Social Engineering
- Footprinting Tools
- Countermeasures
- Footprinting Pen Testing

3. Scanning Networks

- Network Scanning Concepts
- Scanning Tools
- Scanning Techniques
- Scanning Beyond IDS and Firewall
- Banner Grabbing
- Draw Network Diagrams
- Scanning Pen Testing

4. Enumeration

- Enumeration Concepts
- NetBIOS Enumeration
- SNMP Enumeration
- LDAP Enumeration
- NTP Enumeration
- SMTP Enumeration and DNS Enumeration
- Enumeration Countermeasures
- Other Enumeration Technique
- Enumeration Pen Testing

5. Vulnerability Analysis

- Vulnerability Assessment Concepts
- Vulnerability Assessment Solutions
- Vulnerability Scoring Systems
- Vulnerability Assessment Tools
- Vulnerability Assessment Reports



6. System Hacking

- System Hacking Concepts
- Cracking Passwords
- Escalating Privileges
- Executing Applications
- Hiding Files
- Covering Tracks
- Penetration Testing

7. Malware Threats

- Malware Concepts
- Trojan Concepts
- Virus and Worm Concepts
- Malware Analysis
- Countermeasures
- Anti-malware Software
- Malware Penetration Testing

8. Sniffing

- Sniffing Concepts
- MAC Attacks
- DHCP Attacks
- ARP Poisoning
- Spoofing Attacks
- DNS Poisoning
- Sniffing Tools
- Countermeasures
- Sniffing Detection Techniques
- Sniffing Pen Testing

9. Social Engineering

- Social Engineering Concepts
- Social Engineering Techniques
- Insider Threats
- Impersonation on Social Networking Sites
- Identity Theft
- Countermeasures
- Social Engineering Penetration Testing

10. Denial-of-Service

- DoS/DDoS Concepts
- DoS/DDoS Attack Techniques
- Botnets
- DoS/DDoS Case Study
- DoS/DDoS Attack Tools
- Countermeasures
- DoS/DDoS Protection Tools
- DoS/DDoS Attack Penetration Testing

11. Session Hijacking

- Session Hijacking Concept
- Application Level Session Hijacking
- Network Level Session Hijacking
- Session Hijacking Tools
- Countermeasures
- Penetration Testing

12. Evading IDS, Firewalls, and Honeypots

- IDS, Firewalls, and Honeypots Concepts
- IDS, Firewalls, and Honeypots Solutions
- Evading IDS
- Evading Firewalls
- IDS/Firewall Evading Tools
- Detecting Honeypots
- IDS/Firewall Evasion Countermeasures
- Penetration Testing

13. Hacking Web Servers

- Web Server Concepts
- Web Server Attacks
- Web Server Attack Methodology
- Web Server Attack Tools
- Countermeasures
- Patch Management
- Web Server Security Tools
- Web Server Pen Testing

14. Hacking Web Applications

- Web App Concepts
- Web App Threats
- Hacking Methodology
- Web Application Hacking Tools
- Countermeasures
- Web App Security Testing Tools
- Web App Pen Testing



15. SQL Injection

- SQL Injection Concepts
- Types of SQL Injection
- SQL Injection Tools
- Evasion Techniques
- Countermeasures

16. Hacking Wireless Networks

- Wireless Concepts
- Wireless Encryption
- Wireless Threats
- Wireless Hacking Methodology
- Wireless Hacking Tools
- Bluetooth Hacking
- Countermeasures
- Wireless security Tools
- Wi-Fi Pen Testing

17. Hacking Mobile Platforms

- Mobile Platform Attack Vectors
- Hacking Android OS
- Hacking iOS
- Mobile device Spyware
- Mobile Device Management
- Mobile Device Security Guidelines and Tools
- Mobile Device Pen Testing



18. IoT Hacking

- IoT Concepts
- IoT Attacks
- IoT Hacking Methodology
- IoT Hacking Tools
- Countermeasures
- IoT Pen Testing

19. Cloud Computing

- Cloud Computing Concepts
- Cloud Computing Threats
- Cloud Computing Attacks
- Cloud Security
- Cloud Security Tools
- Cloud Penetration Testing

20. Cryptography

- Cryptography Concepts
- Encryption Algorithms
- Cryptography Tools
- Public Key Infrastructure (PKI)
- Email Encryption
- Disk Encryption
- Cryptanalysis
- Countermeasures



Who Should take this course & why



Fresher's

Looking For A Job In Cyber Security



Working Professionals

Looking For A Job Change or
Career Growth

Course Duration: 3 Months (Weekends Only)

Career Assistance

1. RESUME BUILDING



We help you refine and polish your resume with tips to help you land your coveted job

2. INTERVIEW PREP



We prepare you to face the technical interview rounds with mode Q&A and extensive MOCK Interview

3. PLACEMENT ASSISTANCE



We give you unlimited interview calls and industry connects as a reference for placement assistance

What Makes Us Different

Career-Oriented Sessions

- Attend career-oriented sessions by industry experts and prepare your career planning

Mentoring Sessions

- Get 1:1 guidance at every step in your career transition to “Cloud Engineer”

Mock Interview Preparation

- Prepare with mock interviews including most asked questions by top employers



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Placement

“A great job is about great fit”

In this ERA of competitions, from an individual human being to an enterprise, even the whole world is dependent on technology, without upgrading skills according to industry needs. It becomes very difficult for any fresher to get a job. Even for a working professional, it is very difficult to change His/her Job. We Eduork Pvt Ltd provide Job oriented pieces of training to upgrade technical skills and to walk parallelly with the industries. Eduork provides job-ready training to all its learners. Our team always focuses on the placement of our students. Because we are not only providing training but also build students skilled, dynamic and best choice for the organizations. On a regular basis, we also conduct personality development programs to prepare students Job ready. We believe in high-quality training because we know what organizations want.

Trusted By Amazing Companies



Thank You!

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