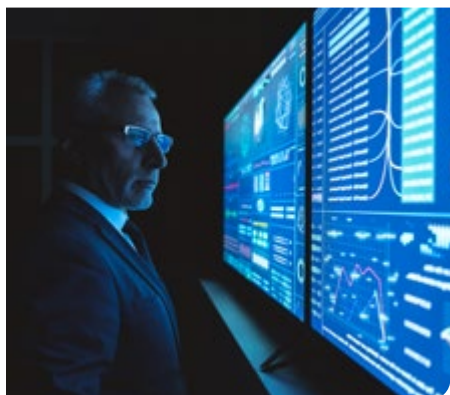


Fundamentals of Cybersecurity for Executives Course



ThriveDX Fundamentals of Cybersecurity for Executives Course



Learning Method

Live (Online),
Instructor-Led



Difficulty

Essentials



Duration

16 Hours



Pricing

\$1,980

This course equips professionals with the essential knowledge and skills to navigate the complex world of cybersecurity. Participants will delve into three key modules, each focusing on critical aspects of cybersecurity, ensuring that participants are provided with the practical skills to protect their organization's digital assets and mitigate cyber risks effectively.

Who Should Attend:

- Business leaders and executives
- Managers and team leaders
- IT professionals
- Business analysts and consultants

Prerequisites:

- Basic computer literacy and familiarity with using the internet.
- Interest in cybersecurity and a desire to learn about cybersecurity principles and practices. No prior cybersecurity knowledge or experience is required, as the course will cover foundational concepts.



Upon Completion, Participants Will Emerge With:

1

Enhanced Cybersecurity Awareness:

Participants will understand the importance of cybersecurity, prevalent threats, and their impact on businesses.

2

Attacker Insight: Knowledge about attackers, their motivations, and their techniques, including advanced persistent threats (APTs) and the cyber kill chain.

3

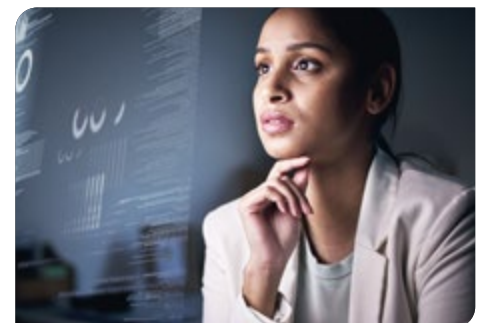
Risk Mitigation Strategies: Skills in ethical hacking, employee education, and risk management processes to safeguard data and systems.

4

Malware Awareness: Understanding different malware types, analysis methods (static and dynamic), and their implications for cybersecurity.

5

Policy and Procedure Understanding: Overview of cybersecurity policies, including password guidelines and the CIA triad (confidentiality, integrity, availability).



Program Structure

Module 1

The Cybersecurity World and Crime

The learner will begin by gaining an understanding of the need for cybersecurity in every organization, the fundamental procedures that must be followed by cybersecurity professionals, the most prevalent security threats, and how they are carried out and affect various industries.

Topics Covered

- ✓ The Need for Cybersecurity
- ✓ The Impact of Cyber Threats on Business
- ✓ Ensuring Cyber Security
- ✓ Recent Cyber Attacks With Critical Consequences on Businesses
- ✓ How AI Changes the Game of Cybersecurity
- ✓ Common Cybersecurity Threats: DoS/DDoS, Brute Force, MITM, Social Engineering, Phishing, and Spear Phishing
- ✓ Malware Types: Ransomware, Trojan, Virus, Worm, Adware
- ✓ Blue and Red Teams

Module 2

Attackers and APTs

The learner will gain an understanding of the hacking aspect of cyber by studying the various kinds of attackers, their motivations, and how they launch and distribute their objectives. The learner will gain insight into advanced persistent threats (APTs) and the most well-known groups over the past few years. The learner will understand the cyber kill chain and all the processes that attackers follow, from initiating an attack to achieving their goals.

Topics Covered

- ✓ Attacker Types: Cyber Terrorists, Industrial Spies, Insiders, Hacktivists, Cybercriminals
- ✓ Exploits, Vulnerabilities, Zero-Day Attack, Payload, and RAT
- ✓ Advanced Persistent Threats: APT Goals, Stages, Famous Groups, Case Studies, and Warning Signs
- ✓ The Cyber Kill Chain Stages
- ✓ Types of Hackers
- ✓ Ethical Hacking (Red Team and Bug Bounty)

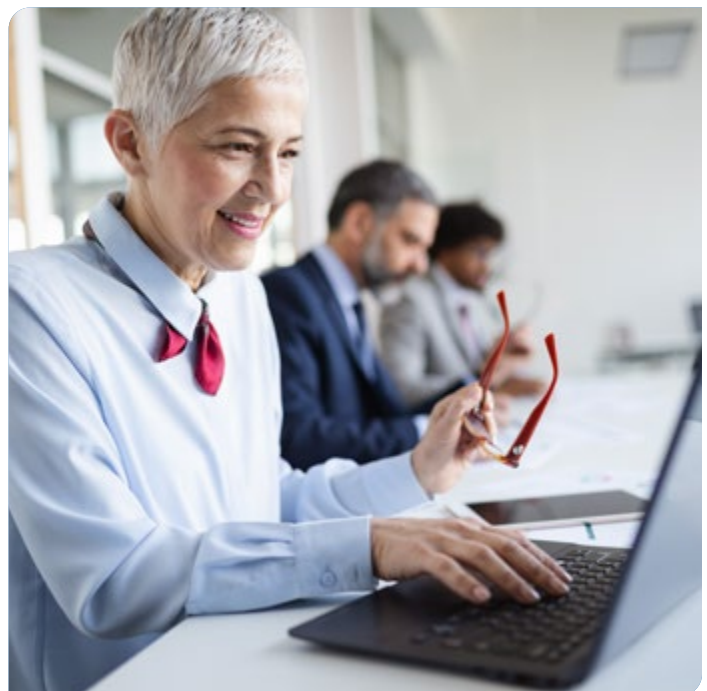
Module 3

Mitigating The Risk & Taking Control

The learner will delve into the significance of ethical hacking and discover how employee education (such as reinforcing the importance of password policies) can prevent cyberattacks. The learner will then explore risk management processes and the most well-known policies, procedures, standards, and guidelines, including PCI, PHI, and PII, as well as practice managing a risk process.

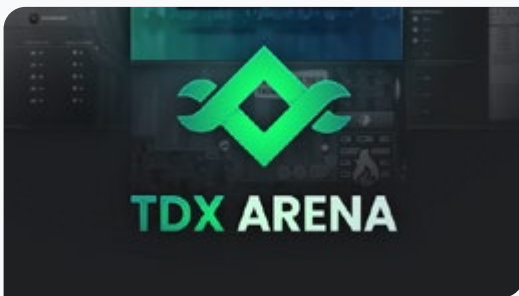
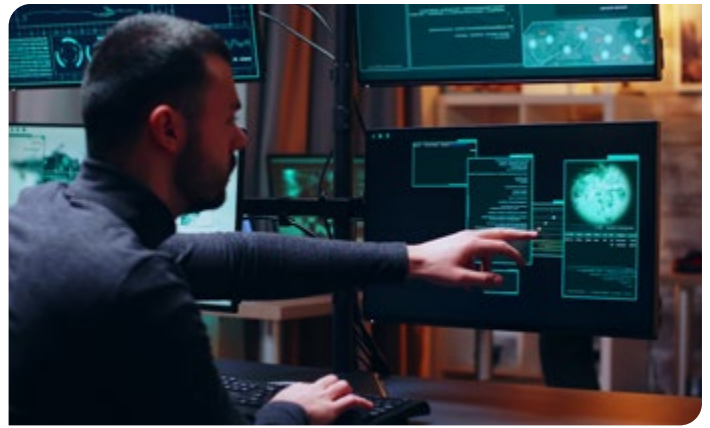
Topics Covered

- ✓ Business Impact Analysis and Risk Assessment
- ✓ NIST and MITRE Frameworks
- ✓ Valuable Data Types and Data Protection Standards: PII, PCI, PHI
- ✓ Enforcement of Strong Passwords
- ✓ Risk Management Processes
- ✓ CIA Triad
- ✓ Practicing Risk Management: Real-World Examples



Certification Readiness

All participants completing the course will receive a **ThriveDX Course Completion Certification.**



Embedded Labs and Challenges

The course includes our state-of-the-art proprietary cloud-based digital education platform, **TDX Arena**, in which real-life scenarios and advanced tech teaching meet in a gamified environment.

