CyberVista®

IT Security Essentials

Better integrate security into IT.

The role of the IT professional is changing. Technology is rapidly evolving to accommodate organizational initiatives and environmental changes, all of which require a greater emphasis on securing these systems through migration and maintenance. Consequently, IT professionals are being asked to take on more cybersecurity-related tasks, yet often lack the appropriate knowledge and skills around fundamental cybersecurity principles.

In a high-stakes environment where cybersecurity incidents or outages can affect business operations, it is vital for IT practitioners to understand cybersecurity fundamentals and how to apply best practices to minimize risks to customers, partners, and the organization.

What is the IT Security Essentials Course?

The IT Security Essentials course is a five (5) hour, 100% online program designed to teach IT professionals the key foundational concepts of cybersecurity. The course includes video lessons, case studies, lab exercises, and 1:1 interviews with an industry expert in IT security.

This course goes beyond general awareness training programs to address cybersecurity threats and vulnerabilities related to protecting business data and maintaining enterprise systems while incorporating real-world examples and hands-on exercises to put theory into practice. Following this course, the practitioner will be more knowledgeable on cybersecurity lexicon, common threats and attacks, and proper mitigation strategies.

Who should take this course?

The IT Security Essentials course is ideal for entry-level IT professionals, help desk staff, and IT Managers who are taking on more cybersecurity-related responsibilities by obligation or personal interest.
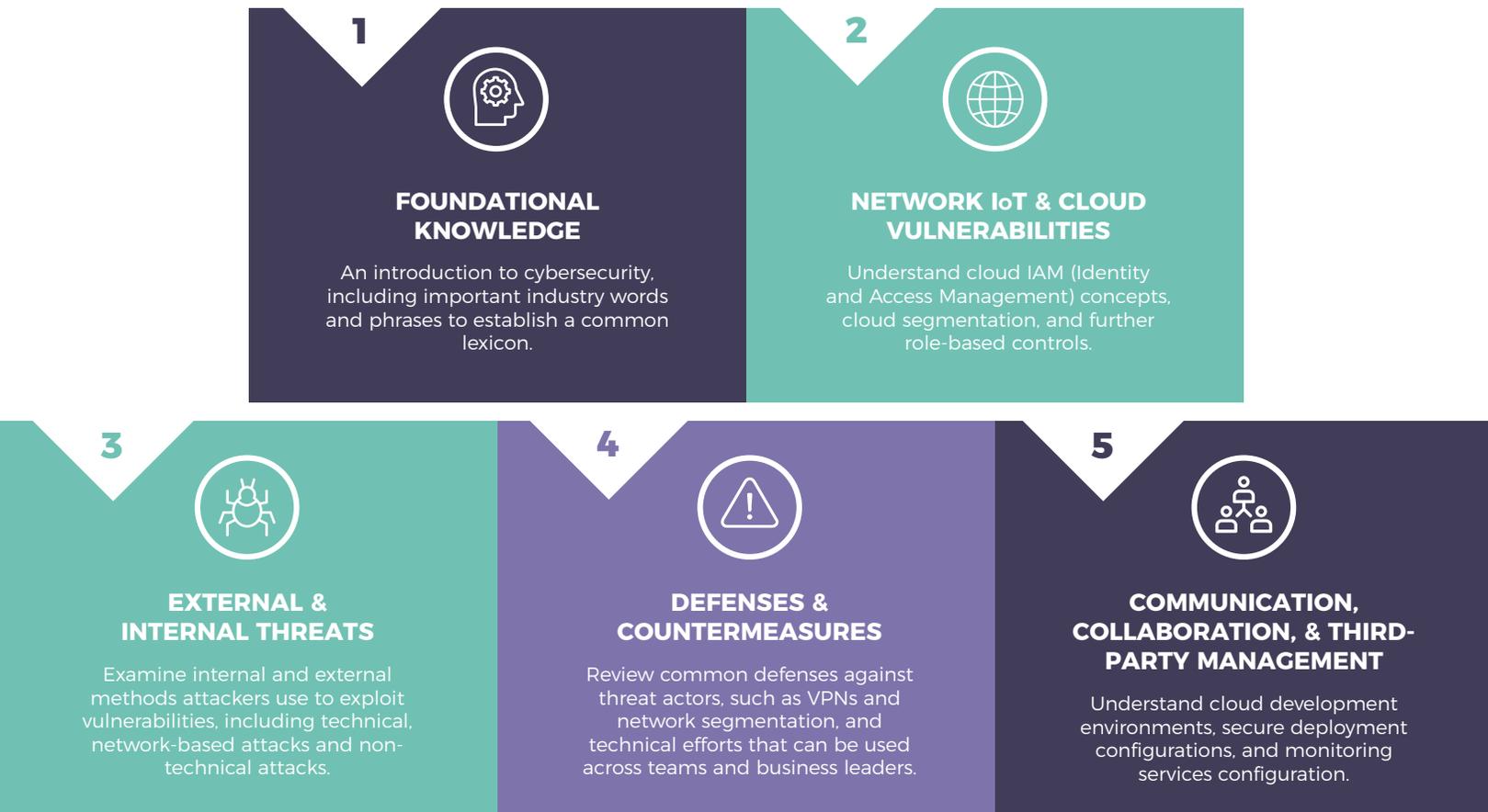
- **IT Help Desk** whose daily responsibilities have grown to include cybersecurity tasks.
- **System and Network Administrators** who assess security posture and implement appropriate solutions to combat ransomware and data breaches.
- **IT Managers** overseeing or evaluating cybersecurity-related tasks, programs, or initiatives

Benefits of Training

Organizations participating in this program can experience the following benefits:

- Efficiently build cybersecurity knowledge, skills, and abilities related to IT responsibilities.

- Increase confidence and ability to converse and manage cybersecurity incidents

- Close cyber talent gaps by upskilling or reskilling IT professionals

Course Units

1
FOUNDATIONAL KNOWLEDGE

An introduction to cybersecurity, including important industry words and phrases to establish a common lexicon.

2
NETWORK IoT & CLOUD VULNERABILITIES

Understand cloud IAM (Identity and Access Management) concepts, cloud segmentation, and further role-based controls.

3
EXTERNAL & INTERNAL THREATS

Examine internal and external methods attackers use to exploit vulnerabilities, including technical, network-based attacks and non-technical attacks.

4
DEFENSES & COUNTERMEASURES

Review common defenses against threat actors, such as VPNs and network segmentation, and technical efforts that can be used across teams and business leaders.

5
COMMUNICATION, COLLABORATION, & THIRD-PARTY MANAGEMENT

Understand cloud development environments, secure deployment configurations, and monitoring services configuration.

What's included?

A full featured learning management system (LMS) enables both leaders and participants to access training materials throughout the program while also tracking progress and performance. This course also includes:

- **Diagnostic Assessment:** Easily administer a diagnostic assessment used to determine each team member's strengths and weaknesses.

- **Video Lesson Library:** Modular and engaging on-demand video lessons.

- **IT Expert Interviews:** Interviews with cybersecurity and IT leaders to provide context and real-world examples.

- **Knowledge Check Assessments:** Short, micro-quizzes throughout the lesson content to ensure engagement and knowledge retention.

- **Practice & Hands-on Activities:** Take-home activities and optional hands-on labs to reinforce practical applications of security concepts.

- **Final Assessment:** Participants conclude training with a final assessment to demonstrate knowledge and skills gained.

- **Behind the Breaches:** On-demand discussion of real-world, high-profile data breaches and cybersecurity incidents referenced in course material.

Let's talk.

If you're ready to transform your IT workforce, we're here to help create the right training strategy for your organization.

For more information contact us at **sales@cybervista.net** or call **844-558-4782.**

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