**View Full Course Details including Latest Schedule Online**

PHOENIX TS

# Introduction to Cyber Security for Practitioners Training

This 3-day, instructor-led training addresses the basics of networking, cybercrime, various security concepts, and how to address common security concerns within your organization.

**BONUS! Cyber Phoenix Subscription Included:** All Phoenix TS students receive complimentary ninety (90) day access to the Cyber Phoenix learning platform, which hosts hundreds of expert asynchronous training courses in Cybersecurity, IT, Soft Skills, and Management and more!

## Course Overview

This training course provides an overview of security challenges and strategies of countermeasure in the information systems environment. Topics include definition of terms, concepts, elements, and goals incorporating industry standards and practices with a focus on availability, vulnerability, integrity, and confidentiality aspects of information systems.

## Schedule

Currently, there are no public classes scheduled. Please contact a Phoenix TS Training Consultant to discuss hosting a private class at 301-258-8200.

## Course Objectives

- Explain the concepts of information systems security as applied to an IT infrastructure
- Describe how malicious attacks, threats, and vulnerabilities impact an IT infrastructure

- Explain the role of access controls in implementing a security policy
- Explain the role of operations and administration in effective implementation of security policy
- Describe the principles of risk management, common response techniques, and issues related to recovery of IT systems
- Explain how businesses apply cryptography in maintaining information security
- Analyze the importance of network principles and architecture to security operations
- Explain the means attackers use to compromise systems and networks and defenses used by organizations
- Apply international and domestic information security standards and compliance laws to real-world implementation in both the private and public sector

## Course Outline

### The Need for Information Systems

- Information systems security
- The Internet of Things is changing how we live
- Malicious attacks, threats, and vulnerabilities
- Drivers of the information Security business

### Securing Today's Information Systems

- Access controls
- Security operations and administration
- Auditing, testing, and monitoring
- Risk, response, and recovery
- Cryptography
- Networks and telecommunications
- Malicious code and activity

### Information Security Standards, Education, Certifications, and Laws

- Information security standards
- Information systems security education and training
- Information Security Professional Certifications
- U.S. compliance laws

# FAQs

## Who should take this course?

This course is intended for IT security professionals who want to establish a career in cyber security.

## What is the recommended experience for this course?

Students should have minimal experience in the IT field, specifically in IT security; and an understanding of networking concepts and best security practices.

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Starting at **$1,750**

## ATTENTION
For GSA pricing or Contractor quotes call
301-258-8200 – Option 4

**GSA**

### Price Match Guarantee

We'll match any competitor's price quote. Call 301-258-8200 Option 4.

## Included in this **Introduction to Cyber Security for Practitioners Training**

- 3 days instructor-led training
- Introduction to Cyber Security for Practitioners Training training book
- Notepad, pen and highlighter
- Variety of bagels, fruits, doughnuts and cereal available at the start of class*
- Tea, coffee and soda available throughout the day*
- Freshly baked cookies every afternoon*