COURSE CATEGORY: : CYBER DEFENSE
COURSE LEVEL: ADVANCED
COURSE CODE: IFIS CDE/05
COURSE NAME: : PLANNING, IMPLEMENTING AND AUDITING SECURITY CONTROLS

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About this Course

This course helps you master specific, proven techniques and tools needed to implement and audit the critical security controls. This course will teach you about the actual attacks that you'll be stopping or mitigating thus making the defenses very real, and it makes you a better security professional.

Learning Outcomes

- Increase your understanding and enhance your skills in implementing Continuous Monitoring.
- Timely incident detection
- Combat cyber threats and prevent cyber attacks

Course Outline

Module 1: Introduction to critical controls

The first module in this course will cover the critical controls that are accepted as the highest priority that must be done and proven before anything else.

- Authorized and Unauthorized Devices
- Authorized and Unauthorized Software
- Secure Configurations for Hardware and Software on Laptops, Workstations, and Servers
- Continuous Vulnerability Assessment and Remediation
- Controlled Use of Administrative Privileges
- Maintenance, Monitoring, and Analysis of Audit Logs
- Email and Web Browser Protections
- Malware Defenses
- Limitation and Control of Network Ports, Protocols, and Services

Module 2: Advanced Security Controls

- Data Recovery Capability and Procedures
- Secure Configurations for Network Devices such as Firewalls, Routers, and Switches
- Boundary Defense
- Data Protection
- Controlled Access Based On Need to Know
- Wireless Device Control
- Account Monitoring and Control
- Security Skills Assessment and Appropriate Training
- Application Software Security
- Incident Response and Management
- Penetration Tests and Red Team Exercises

Target Audience

- Incident responders and penetration testers
- Security Operations Center engineers and analysts
- Network security professionals
- Anyone who seeks technical in-depth knowledge about implementing comprehensive security solutions

Application/Relevance of this course

- This course will answer the provocative question, ""What are the most important things we have to do to protect our systems?"
- This course is the one stop center at which you will learn the various security controls that your organization needs to put in place to ensure proper cyber hygiene.

Duration & Pricing

Duration: 5 Days

Pricing: $500

For Inquiries, booking and more information,
Call   Admissions on 0393517236/0784270586 or
Email: admissions@forensicsinstitute.org