

Certified Cyber Security Foundation

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GSDC's Cybersecurity Foundation Certification is designed with the vast knowledge of the global perspective of challenges that one faces while mapping a secure system while covering the major cyber roles needed to provide a solid system.



ABOUT CERTIFICATION

With all the hacking and data manipulation, cybersecurity has become a need of the hour now. By going through this certification, you will learn about threat trends that are most alarming across the internet currently as well as their impact on cybersecurity.

Cybersecurity Foundation Certification empowers you to review standard cybersecurity terminology and compliance requirements, examine sample exploits, and to gain practical experience of security controls.

In addition to technical cybersecurity components, this certification includes the nontechnical aspects of cybersecurity that are necessary to reduce risk like risk management, threat determination, disaster recovery, security policy management, and business continuity planning.

In a nutshell, by taking up this certification you'll be armed to reduce any potential cyber risk.

OBJECTIVES

The objective of the Cybersecurity Foundation includes a deep understanding of:

- Current cyber threats and cybersecurity site references
- Government-mandated directives and compliance requirements
- Roles that are required to successfully design secure systems.
- The attack cycle execution by malicious hackers
- Enterprise policy requirements
- Best strategies to secure the enterprise with layered defenses
- Security zones and detailed logging augment information assurance
- Forensic challenges and incident response planning
- Risk management process
- Industry recommendations for maintaining secure access control
- Cryptographic solutions for securing communications

Our Accreditation:



The Global Skill Development Council (GSDC) is the leading third-party, Vendor-neutral, international credentialing and certification organization. The Global Skill Development Council (GSDC) is proud to be ANSI Accredited Member. The American National Standards Institute (ANSI) is a private, non-profit organization that administers and coordinates the U.S. voluntary standards and conformity assessment system.

COURSE SYLLABUS

1. Introduction to Cyber Security Management

- ✓ Concepts and definitions
- ✓ Benefits and requirements of Cyber security

2. Introduction to Information Risk Management

- ✓ Information risk management terminology
- ✓ Risk management in the business context
- ✓ Information risk management fundamentals

3. Introduction to Business Continuity Management

- ✓ Need for business continuity management
- ✓ Business continuity management in the business
- ✓ Business continuity lifecycle

4. Cyber Security Architecture

- ✓ Concepts of Cyber Security Architecture
- ✓ The Role of a Security Architect
- ✓ Security Design Principles

5. Soft Skills and Incident Management

- ✓ Topics and Learning Outcomes

- ✓ Engagement life cycle management
- ✓ Advantages and utility of incident response to the client.
- ✓ Awareness potential incidents.
- ✓ Structure of incident response engagements, including the relevant processes and procedures.
- ✓ Understanding limitations of system logs.
- ✓ Timelines to analyse event data
- ✓ Time zone issues
- ✓ System interpretation of time stamps with images

6. Law & Compliance

- ✓ Regulation of Investigatory Powers Act 2000
- ✓ Criminal Justice Act 2008
- ✓ Protection of Children Act 1978
- ✓ Computer Misuse Act 1990
- ✓ Human Rights Act 1998
- ✓ Data Protection Act 1998
- ✓ Police and Justice Act 2006
- ✓ Sexual Offences Act 2008
- ✓ Engaging law enforcement
- ✓ CERTS and their role and jurisdiction



GSDC Technical Advisory Board :

The GSDC is the leading certification association which brings together innovative organizations and founding thought-leaders as Technical Advisors from over 40 countries to design curriculum on Blockchain, Devops, Six Sigma & Agile Certifications.

Further Information:

Target Audience

- Network professionals
- Security professionals
- Executives and managers who want to implement a security solution at the organizational level
- IT professionals who want to know about cybersecurity fundamentals, threats, mitigating controls, and organizational responsibilities
- Anyone who is looking forward to starting a career in cybersecurity.

BENEFITS

- Increasing demand for certified professionals in this field.
- Organizational value
- Flexibility in career choices.
- Higher salary package.
- Helps you to stay updated about the latest cybersecurity tools and trends.
- Easy recognition of the designation anywhere across the world

Certification Available:

- Ethereum developer
- Blockchain Architect
- Hyperledger Developer

You may also be interested in:

- Lean Six Sigma
- DevOps Practitioner

Find out more online at www.gsdccouncil.org