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Cybersecurity Fundamentals & Threat Landscape

COURSE OVERVIEW

This foundational course provides participants with the basics of the principles, practices, and evolving nature of cybersecurity. It introduces essential concepts such as confidentiality, integrity, and availability, while also exploring the modern threat environment shaped by cybercrime, nation-state actors, insider threats, and emerging technologies. Through a mix of theory and practical insights, participants will gain an understanding of key security frameworks, the lifecycle of cyberattacks, and the tools and techniques used to defend against them. The curriculum also makes emphasis on real-world case studies and current trends, equipping participants with the ability to recognize vulnerabilities, anticipate risks, and adopt proactive measures to safeguard information systems in personal, corporate, and global contexts.

WHO SHOULD ATTEND?

This course is designed for entry-level IT professionals, business managers, decision-makers and anyone seeking to gain a clear understanding of cybersecurity basics and the modern threat environment. It is equally suitable for individuals transitioning into cybersecurity roles and professionals in non-technical fields who need to comprehend the impact of security on business operations.

COURSE OUTCOMES

Delegates will gain the skills and knowledge to:

- Understand fundamental concepts and principles of cybersecurity.
- Identify and classify common types of cyber threats, attacks, and vulnerabilities.
- Analyze the global cybersecurity landscape and its implications for organizations.
- Explain the importance of cybersecurity frameworks, standards, and governance models.
- Apply foundational knowledge to recognize, assess, and mitigate risks in real-world scenarios.

KEY COURSE HIGHLIGHTS

At the end of the course, you will understand;

- The comprehensive coverage of core cybersecurity principles and terminology.
- The exploration of the modern threat landscape, including cybercrime, insider threats, and advanced persistent threats (APTs).
- Real-world case studies of high-profile cyber incidents and their business impact.
- Industry-standard frameworks (e.g., NIST, ISO 27001) and their role in security management.
- Practical insights into attack techniques and defense strategies.
- The career pathways and skill development in cybersecurity.

All our courses are dual-certificate courses. At the end of the training, the delegates will receive two certificates.
1. A GTC end-of-course certificate
2. Continuing Professional Development (CPD) Certificate of completion with earned credits awarded.