AVEREST

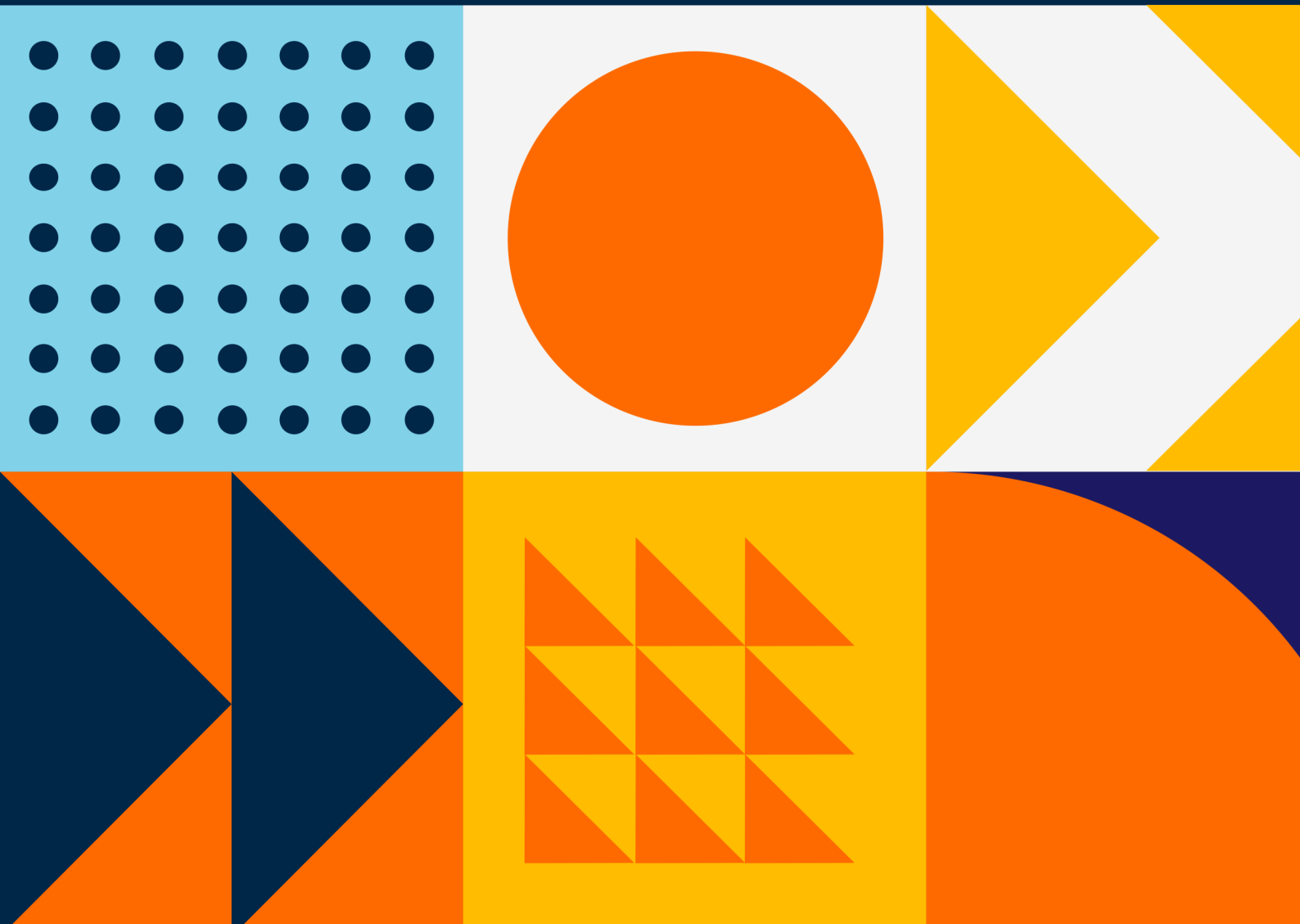# We do IT
to inspire.

Cyber Security:

CompTIA Security+ Certification Training

who we are.

Averest is one of the leading and fast-growing companies specialising in Information Technologies, Cyber Security, Cloud Computing, DevOps, Artificial Intelligence, Agile and Scrum, and Project Management, which is based in the United Kingdom and Turkey. Averest provides high-quality tech-accredited training and business solutions to its clients on these topics and more.

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CompTIA Security+ Certification Training

Overview

The CompTIA Security+ training course prepares you to pursue the relevant certification, which is a well-known credential that proves you understand information system security best practices. This course is essential for learners to pass the SY0-601 certification test and to have the skills necessary to guarantee compliance and operational security in your organization. Systems and network security, network infrastructure, access control, assessments and audits, cryptography, and organizational security are among the abilities required.

What You Will Learn?

- Compare security roles and security controls

- Explain threat actors and threat intelligence

- Perform security assessments and identify social engineering attacks and malware types

- Summarize basic cryptographic concepts and implement public key infrastructure

- Implement authentication controls

- Implement identity and account management controls

- Implement secure network designs, network security appliances, and secure network protocols

- Implement host, embedded/Internet of Things, and mobile security solutions

- Implement secure cloud solutions

- Explain data privacy and protection concepts

- Perform incident response and digital forensics

- Summarize risk management concepts and implement cybersecurity resilience

- Explain physical security

Course Key Features

- Security+ Study Guide

- Practice exam questions

- Exam voucher included

- After-course coaching available

CompTIA Security+ Certification Training

Eligibility

The CompTIA Security+ course is ideal for professionals working in the roles of system administrators, network administrators, security administrators, and IT auditors.

CompTIA Security+ Certification Training

Program Outline

Security fundamentals

- Security concepts
- Enterprise security strategy
- Security program components

Cryptography

- Cryptography concepts
- Public key infrastructure
- Module 4: Network connectivity
- Network attacks
- Packet flow

Secure network configuration

- Secure network protocols
- Hardening networks

Access control

- Access control principles

Risk management

- Understanding threats
- Risk management programs
- Security assessments

Network security technologies

- Network security components
- Monitoring tools

Authentication

- Authentication factors
- Authentication protocols

Securing hosts and data

- Malware

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- Account management

- Securing data

- Securing hosts

Securing specialized systems

- Mobile security

- Embedded and specialized systems

Application security

- Application attacks

- Securing applications

Cloud security

- Virtual and cloud systems

- Securing cloud services

Organizational security

- Social engineering

- Security policies

- User roles and training

- Physical security and safety

Disaster planning and recovery

- Business continuity

- Resilient systems

- Incident response procedures

CompTIA Security+ Certification Training

Program Schedule

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