Aimed at

This course is aimed at learners with security-related IT experience.

Course description & subjects covered

CompTIA Security+ is a global certification that validates the baseline skills necessary to perform core security functions and pursue an IT security career. Gaining a CompTIA Security+ certification demonstrates your knowledge of industry-wide information assurance topics, like systems security, network infrastructure, access control, assessments and audits, cryptography, and organisational security.

The CompTIA Security+ certification exam will verify the successful candidate has the knowledge and skills required to assess the security posture of an enterprise environment and recommend and implement appropriate security solutions; monitor and secure hybrid environments, including cloud, mobile, and IoT; operate with an awareness of applicable laws and policies, including principles of governance, risk, and compliance; identify, analyse, and respond to security events and incidents.

There is additional content and labs in this new version of Security+. Learners should be prepared to study material and complete labs not covered during the course, in their own time.

Subjects Covered:

- Comparing security roles & security controls
- Explaining threat actors & threat intelligence
- Performing security assessments
- Identifying social engineering & malware
- Summarising basic cryptographic concepts
- Implementing public key infrastructure
- Implementing authentication controls
- Implementing identity & account management controls
- Implementing secure network designs
- Implementing cybersecurity resilience
- Implementing network security appliances
- Implementing secure network protocols
- Implementing host security solutions
- Implementing secure mobile solutions
- Summarising secure application concepts
- Implementing secure cloud solutions
- Explaining data privacy & protection concepts
- Performing incident response
- Explaining digital forensics
- Summarising risk management concepts
- Explaining physical security

Entry requirements

Learners should meet the following prerequisites: Basic Windows & Linux administrator skills, the ability to implement fundamental networking applications & IP addressing concepts and 6-9 months' experience in networking, including configuring security parameters.

Delivery and Assessment

The course is recommended as preparation for the N10-008 CompTIA Security+ Exam.

Cost

Fully funded through the Personal Learning Account*

Eligibility criteria applies. Please contact us for more details.

☎ **01443 663128**
✉ **bis@cymoedd.ac.uk**

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