

Cyber Security Technologist: Level 4



Overview

The Level 4 Cyber Security Technologist Apprenticeship is designed for people looking for a career in specific technical and risk analyst roles.

Apprentices will show excellent skills and understanding in identifying and responding to cyber threats, hazards and risks to protect organisations' IT systems, as well as the behaviours to deliver strong product and service competence.

Typical roles include Cyber Operations Manager, Security Architect, Penetration Tester, Security/Risk Analyst, Intelligence Researcher, Information Security Assurance & Threat Analyst, Forensic & Incident Response Analyst, Information Security Auditor, Information Security Analyst, Security Engineer.



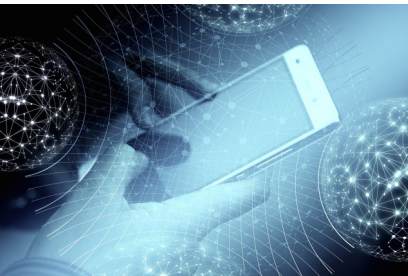
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On programme: What apprentices will learn

Technical Competencies: · analyse security threats · research and investigate attack techniques · source and analyse a security case · design, build and test a network · cyber security risk assessment

Technical Knowledge: · importance of cyber security · cyber security concepts · network basics · cyber defence · types of risk assessment

Skills, Attitudes & Behaviours: · logical and creative thinking skills · analytic and problem solving skills · initiative · maintain productive, professional and secure working environment · ability to work independently and to take responsibility



End Point Assessment (EPA)

How apprentices demonstrate their learning is defined in their assessment plan. The events for this standard are:

Synoptic Project - A five day assessment against a defined project. The assessment must be conducted off-the-job within a controlled environment and may be on the employer's or training provider's premises.

Summative Portfolio - This provides evidence against the standard based on the application of knowledge, competence and behaviours to real projects in the work environment, typically completed towards the end of the apprenticeship.

Employer Reference - This will be a written statement from the employer. It will include their conclusion on how the apprentice has performed in the workplace and how they have applied their knowledge, competencies and behaviours across certain projects.

Interview - This provides an opportunity for further evidence to be gathered or explored in more detail. The conversation will be steered towards the specific knowledge, competencies or behaviours as set out in the standard.

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