



INFORMATION (CYBER) SECURITY

DIGITAL TECHNOLOGIES

Incorporating Information Security Technical Apprenticeships at SCQF Level 8

Our Cyber Security Technical Apprenticeships combine access to relevant blended learning resources and on-the-job experience to develop your apprentice's real world skills in information security. Our programme teaches learners to thwart cyber-crime, decrypt data and untangle malware.

It develops a blend of technical skills across digital security, information assurance and risk management to make apprentices security aware and productive in a commercial setting.

WHAT CAN THE APPRENTICESHIPS COVER?

Ethical hacking
Penetration testing
Cryptography
Microsoft Windows 10 and other client operating systems
Mobility solutions such as Microsoft Intune
Securing devices and networks
CompTia Network+
CompTia Security+

PLUS CAREER SKILLS IN:

Two career skills in customer service and or professional development

PLUS OPTIONAL TRAINING IN:

Windows 10 configuring (Exam)
Interconnecting Cisco Networking Devices (ICND1) (Exam)
Interconnecting Cisco Networking Devices (ICND2) (Exam leading to CCNA)
(Additional costs may apply)

Plus, for the duration of your apprenticeship, access to our training library where you can enjoy many additional IT and Tech modules relevant to your role or interests.

PROGRAMME STRUCTURE:

Technical Apprenticeship

12 - 14 months including access to online resources, including our e-learning platform.

We provide learners access to their self-paced and tutor led blended programmes. Assessor contact every 5 weeks, to support work-based learning, self-paced online content and assignments.



YOUR PROGRAMME CHOOSE YOUR PATHWAY

MANDATORY UNITS

PERSONAL EFFECTIVENESS

HEALTH & SAFETY IN IT AND TELECOMS

PRINCIPLES OF INFORMATION SECURITY TESTING

PRINCIPLES OF INFORMATION GOVERNANCE AND ASSURANCE

TYPICAL PATHWAYS

SECURITY ENGINEER

SECURITY OPERATIONS ANALYST

INFORMATION SECURITY ANALYST

IT OPERATIONS

CHOOSE YOUR OWN CLASSROOM AND WORKPLACE UNITS AND COURSES FROM:

CARRYING OUT INFORMATION SECURITY RISK ASSESSMENT

INVESTIGATING INFORMATION SECURITY INCIDENTS

CARRYING OUT INFORMATION SECURITY INCIDENT MANAGEMENT ACTIVITIES

CARRYING OUT INFORMATION SECURITY FORENSIC EXAMINATIONS

CARRYING OUT INFORMATION SECURITY AUDITS

PRINCIPLES OF INFORMATION SECURITY TESTING

TESTING THE SECURITY OF INFORMATION SYSTEMS

COMPTIA NETWORK+

COMPTIA SECURITY+

PLUS MANY MORE OPTIONS THAT CAN BE DISCUSSED WITH YOUR ACCOUNT MANAGER / ASSESSOR

LEADING TO:

TECHNICAL APPRENTICESHIP INCLUDING SQA DIPLOMA IN INFORMATION SECURITY AT SCQF LEVEL 8, PLUS CAREER SKILLS AND VENDOR QUALIFICATIONS

WHAT'S NEXT?

PROJECT MANAGEMENT

TECHNICAL APPRENTICESHIP

TO START DEVELOPING THE CYBER TECHNOLOGISTS YOUR BUSINESS NEEDS, GET IN TOUCH TODAY!

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OUTCOME MAP

Information Security (Cyber) L8 – TEN Outcomes on 10:2 Learning / Quality & Compliance Ratio

- Induction (Sign up)
- Week one readiness
- Post Induction Visit (ILP/ course planning)

MONTH 1

- Remote support visit
- Carrying out Information Security Risk Assessments
- Carrying out Information Security Audits

**MONTH 2
MILESTONE 1, 2**

- Review visit

MONTH 3

- Remote Support visit
- 5 day CompTIA Security+ week 2 course
- Testing the Security of Information Systems
- IT Systems Testing

**MONTH 4
MILESTONE 3, 4**

- Remote support visit
- Career Skills

MONTH 8

- Review visit
- Investigating Information Security Incidents

**MONTH 7
MILESTONE 7, 8**

- Remote support visit
- Carrying out Information Security Incident Management activities

MONTH 6

- Review visit
- 5 day CompTIA Net+ week 2 course
- Principles of Information Security testing

**MONTH 5
MILESTONE 5, 6**



- Review visit
- RPL units from mandatories (from previously completed IT L8)

**MONTH 9
MILESTONE 9, 10**



Quality Assurance Checks

MONTH 10



Achievement and certification

MONTH 11

**Present Certificate
New programme
(progression) induction**

MONTH 12