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National  
Apprenticeship  
Service



# Cyber Security Technologist Level 4 Apprenticeship

Flexible and Blended  
Training Solutions

Recognised Cisco,  
CompTIA and Microsoft  
Learning Partner

96% Employer  
Satisfaction Rate

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## There Are a Range of Incentives to Help Recruit and Train Your Staff

- Free apprenticeship recruitment service
- £1000 incentive for recruiting a 16-18 year old apprentice
- Full funding available for employers with less than 50 employees who recruit a 16-18 year old apprentice
- Free English, Maths and ICT training
- 90% government contribution for small and medium size employers
- Support for those individuals with additional learning needs

## You Receive a Range of Guaranteed and Complementary Services

- Gain invaluable vendor recognised certifications to support progress
- Apprentice membership with BCS -The Chartered Institute for IT
- Free NUS apprenticeship extra card for all apprentices
- Instructor led technical support from practising industry professionals
- Access to e-learning content across a broad spectrum of Digital IT disciplines, supporting CPD beyond the requirements of the Apprenticeship

## Why Choose GP Strategies Apprenticeships?

- Best achievement rates of the top 50 largest providers
- Rated Outstanding by Ofsted for Leadership and Management, Quality of Provision and Capacity to improve
- Continually high employer and learner satisfaction rates
- ESFA Approved Training Organisation
- Accredited by Customer Service Excellence
- A recognised Microsoft, CompTIA and Cisco learning partner

These are just a few reasons how your organisation can benefit from a Cyber Security Technologist Apprenticeship through GP Strategies Apprenticeships.

## Role of Cyber Security Technologists

This course supports cyber security technologists who apply an understanding of cyber threats, hazards, risks, controls, measures and mitigations to protect organisations systems and people. Technologists will also work on areas such as security design & architecture, security testing, investigations & response.

The course helps apprentices develop the core skills of logical and creative thinking, problem solving, communication and workflow management.

## Apprentice Journey

In monthly stages

- 1 Induction, Initial Assessment
- 2 Network and Digital Communications Theory
- 3 Network Principles - Coursework
- 4 Network Principles - Lab Revision
- 5 Cyber Security Introduction
- 6 Security Principles - Coursework
- 7 Security Principles - Lab Revision
- 8 Introduction to CompTIA CySA+
- 9 Security Case Development and Design Good Practice
- 10 Security Technology Building Blocks
- 11 Employment of Cryptography
- 12 CompTIA CySA+ Exam\*
- 13 Ethical Hacking
- 14 Penetration Testing
- 15 Revision and Resits (if applicable)
- 16 EPA (End Point Assessment) Preparation
- 17 Revision and GAP Analysis
- 18 Gateway Meeting, Final Review, Portfolio Submission and EPA Referral

\*Optional

# Off the Job Training

We offer blended solutions to meet your needs, below is an example of how off the job training can be tailored to the learner and the organisation.

## Cyber Security Introduction

5 Day Course

Learn the principles of network and cyber security.

## Network and Digital Communications Theory

5 Day Course

Learn the principles of network fundamentals and digital communications theory.

## Security Case Development and Design Good Practice

5 Day Course

Learn the principles of how to build a security case.

## Employment of Cryptography

5 Day Course

Learn the principles of Cryptography.

## Security

5 Day Course

Learn the principles of security, including software, access, encryption and regulation and the purpose of firewalls.

*Courses delivered either by attending a training course or by connecting in remotely. Supported by online self study and mentoring.*

# On the Job Training

Whilst apprentices are carrying out their day to day role, they will be observed by a dedicated Skills Coach, who will offer support and guidance to enhance their knowledge.

*These are just some of the topics that apprentices will be working towards. Your Skills Coach will support putting in place an individual programme for your business.*

## Threats, Hazards, Risks and Intelligence

This module will provide employees with the skills to analyse and evaluate security threats and hazards to a system or service or processes, and to conduct a security risk assessment, proposing remediation advice.

## Developing and Using a Security Case

This module will provide employees with the skills to develop a security case without supervision.

## Future Trends

This module will provide employees with the skills to identify (with reasoning) potential future trends and the impact this could have on your business.

## Design Build and Test a Network

This module will provide employees with the skills to design, build, test and troubleshoot a network, whilst providing evidence that the system meets the design requirement.

## Analysing a Security case

This module will provide employees with the skills to analyse security requirements against other design requirements given for a system or product.

## Implementation of Security in a Network

This module will provide employees with the skills to design a system employing a crypto to meet defined security objectives. They will also gain the skills to develop and implement a key management plan for the given scenario/system.

# Supplied by our Partner Organisations

## e-Portfolio

e-Track is our flexible learner management tool for employers, apprentices and training providers to track progress, share learning resources and review ongoing achievement remotely and in real time.

You will have access to group and individual progress updates and direct support from our Skills Coaches throughout the apprentice journey.

## Online Accredited and Non Accredited Courses

GP Strategies provides a fast and flexible online option for apprentices and employers to access training courses that can be studied at a time to suit. Courses typically range from 2-4 hours and include topics such as compliance, Health & Safety and self-development. You choose when, how and where you learn.

Please visit our website for a full course list.

## Professional and Vendor Qualification

GP Strategies is an Approved Apprenticeship Provider with BCS - The Chartered Institute for IT, as well as a recognised Microsoft and Cisco learning partner. As part of this apprenticeship, GP Strategies will provide CompTIA certified training. Additional vendor accreditation opportunities are available on request.



Silver  
Microsoft Partner



# What Happens Next?

## 1 Initial Meeting

- Initial meeting to establish the organisation's requirements
- Explore current delivery models and resources
- Establish and agree programmes

## 2 Set Up

- Service level agreement
- Mobilisation and implementation planning
- Account management

## 3 Programme Design

- Programme design
- Programme content
- Complementary services
- Agree timetable and locations for enrolment
- Project delivery team

## 4 Programme Delivery

- Programme launch
- Initial assessment and enrolment
- Dedicated skills coach allocated
- Register for online resources
- Set up e-Portfolio

## 5 Support & Feedback

- Line manager briefings
- Learner progression review
- Management information
- Account management meetings
- Customer service review meetings

## 6 Review & Evaluation

- Quality assurance
- Programme review and evaluation
- Celebration of success

Start learning with GP Strategies Apprenticeships and contact us today

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GP Strategies Apprenticeships – committed to equality and valuing diversity



INVESTORS  
IN PEOPLE | Silver

