

# Computing, Digital and IT

## Cyber Security Technician Level 3 Apprenticeship

### In Brief

#### Start Date / Duration

This apprenticeship programme can be started at any time. The duration of this apprenticeship is typically 18 months.

#### Entry Requirements

Individual employers will set the selection criteria, but this might include five GCSE's and/or A Levels, a Level 2 Apprenticeship, other relevant qualifications and experience, or an aptitude test with a focus on Functional Maths.

You will need to find an employer to employ you as an apprentice. Please see our [Apprenticeship vacancies](#).

#### You will achieve

Cyber Security Technician Level 3 Apprenticeship Standard

### Course Overview

Kickstart your career in cyber security with this Level 3 apprenticeship. Train to monitor, detect, and respond to threats, ensuring secure and uninterrupted business operations. Gain hands-on experience in security controls, firewalls, SIEM tools, and regulatory compliance, while promoting cyber awareness.

For further information regarding this apprenticeship standard, click here: [Cyber Security Technician \[https://www.instituteforapprenticeships.org/apprenticeship-standards/cyber-security-technician-v1-0\]](https://www.instituteforapprenticeships.org/apprenticeship-standards/cyber-security-technician-v1-0) .

### Course Content

The 18 occupation duties include:

- Apply procedures and controls to maintain security and control of an organisation.

- Contribute to the production and development of security culture across an organisation including assisting with the promotion of cyber security awareness programmes.
- Monitoring the effectiveness of cyber security awareness programmes.
- Promoting an effective cyber security culture.
- Process cyber security helpdesk requests ensuring confidentiality, integrity, and availability of digital information.
- Meeting relevant legal and regulatory requirements for example access control requests.
- Conduct the installation and maintenance of technical security controls in accordance with relevant procedures and standards.
- Monitor, identify, report, and escalate information security incidents and events in accordance with relevant procedures and standards.
- Administer cryptographic and certificate management activities in accordance with relevant procedures and standards.

## How will I be assessed?

On Programme Assessment will include a mixture of:

- Practical demonstrations
- Work-based projects
- Written assessments
- Portfolio
- Observations
- End point assessment

## What Equipment Will I Need?

You will need to provide your own writing materials and a USB stick.

## Where will I study?

You will study within the workplace and attend classes at Barnsley College SciTech Centre, Falcon Street, Barnsley S70 2EY.

## What can I do next?

You can progress onto a Higher Level Degree and/or Apprenticeship study or apply for a vast array of Digital roles that include:

- Access control administrator
- Cyber security administrator
- Incident response technician
- Junior information security analyst
- Junior penetration tester
- Junior security analyst
- Junior security operations centre (soc) analyst
- Junior threat, and risk analyst

See what careers are available in the Computing [<https://www.barnsley.ac.uk/app/uploads/2023/10/Computing-careers-2023-24.pdf>] and Games [<https://www.barnsley.ac.uk/app/uploads/2023/10/Games-Design-careers-2023-24.pdf>] sectors. Use our online careers tool, Career Coach [<https://barnsley.lightcastcc.com/?radius=&region=Barnsley>] , to find out what your next steps could be.

## **How much does the course cost?**

There is no cost to being an apprentice. All costs associated with your apprenticeship, including the cost of training and your salary, will be paid by your employer.

## **Extra information**

### **Contact the Apprenticeship Team**

For further information please contact the team on 01226 216 166 or email: [apprenticeships@barnsley.ac.uk](mailto:apprenticeships@barnsley.ac.uk) [<mailto:apprenticeships@barnsley.ac.uk>]

## **Want to join Barnsley Sports Academy and Honeywell Sports Village?**

Barnsley College has a range of sports opportunities for all students to take part in, gain professional training and compete nationally and internationally. We also have a state-of-the-art fitness village, Honeywell Sports Village [<https://www.barnsley.ac.uk/shops-services/honeywell-sports-village/>] where students can make use of our fitness suite, spinning studio and classes for competitive rates. You don't have to be studying sport to get involved in the Sports Academy [<https://www.barnsley.ac.uk/barnsley-sports-academy/>] .

## **Additional Learning Support**

Our Additional Learning Support team can provide you with the support you need. Call 01226 216 769 for further information.

## **English and Maths**

Having good English and Maths qualifications are important for most careers and we want to give you the help you need to succeed.

If you are aged 16 – 19 and don't hold a grade C/4 or above in GCSE English and Maths, you will automatically be included in your study programme. If you want to work towards achieving a higher grade in English and Maths, we can help you do that too and we offer Level 3 Mathematical Studies (Core Maths) which can be added to your study programme.

If you're aged 19 or above and don't hold a a grade C/4 or above in GCSE English and Maths we can help. We offer FREE English and Maths qualifications that can be studied on a part-time basis, subject

to eligibility.

If you need any further information, please contact our Information Team by calling 01226 216 123 or emailing [info@barnsley.ac.uk](mailto:info@barnsley.ac.uk) [mailto:info@barnsley.ac.uk]

## **Disclaimer**

Please note we reserve the right to change details without notice. We apologise for any inconvenience this may cause.

**Last updated:** 13th December 2024

### **Want to apply?**

Visit <https://www.barnsley.ac.uk/apply> to get started

Call us on **01226 216 123**