

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=®ion=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>]

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]

Disclaimer

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

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Want to apply?

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

Call us on **01226 216 123**