

Computing, Digital and IT

Computing for England Higher National Diploma (HND) - (HTQ)

In Brief

Start Date / Duration

The course begins in September 2024 and lasts for 30 weeks.

Entry Requirements

A Higher National Certificate (HNC) in Computing for England or equivalent qualification in a related subject.

You will achieve

You will achieve a Level 5 HNC in Computing for England (HTQ) (Pearson)

Course Overview

Our HND Computing has been aligned to the occupational standard for Cybersecurity. It has been approved by the Institute for Apprenticeships and Technical Education (IfATE). Higher Technical Qualifications (HTQs) are Level 5 qualifications that have been approved as meeting occupational standards for the relevant sector. To Achieve the HTQ status both level 4 and level 5 pathways must be completed.

Having been developed in collaboration with employers in an ambition to meet the needs of the growing demands of the industry, a Higher Technical Qualification provides the opportunity to gain the proper training, knowledge, and skills to be successful in the workplace. Studying for the HTQ in Computing at Barnsley College, you will access state-of-the-art facilities that align with the industry. Complete with lab facilities, high tech specifications and modern settings, you will study a broad range of computing topics that prepare you for your next steps.

In your first year of studying for the Level 4 Higher National Certificate in Computing for England you will have completed six mandatory units and one specialist unit in areas such as programming, networking, professional practice, database design & development, security, planning a computing project (Pearson-set) and software development lifecycles (specialist).

In addition, you will gain a wide range of sector knowledge tied to practical skills gained in research, self-study, directed study and workplace scenarios. You will also be given the opportunity to study units aligned to professional vendor qualifications and allow you, if you wish to apply after unit completion, to be assessed externally for the vendor qualification.

By progressing onto or joining us on the Level 5 Higher National Diploma, it allows you to

specialise by committing to specific career paths and progression routes directed towards degree level study.

Course Content

At Barnsley College, you will specialise in the following area of Cyber Security and Networking, which has been aligned to the occupational standards defined by the Institute for Apprenticeships and Technical Education (IfATE):

Specialist route Modules:

- Cyber Security – Studying applied cryptography in the cloud, forensics and information security management.

In addition to these core specialist units* you will also cover units in Network Management, Network Security and Cyber Forensics.

*These units are subject to change where updates in specification and grading criteria are made by the awarding body.



[<https://www.barnsley.ac.uk/courses/higher-technical-qualifications-htqs/>]

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[<https://www.barnsley.ac.uk/syiot/>]

How will I be assessed?

Core knowledge and understanding is acquired via lectures, seminars, workshops, group work,

computer assisted learning, case studies, video and other multi-media presentations.

You will be taught through lectures, practical sessions and independent learning. We foster a culture of independent learning and decision making that will develop your problem solving and analytical skills.

You will complete project-based assessments which will combine several units to give you an employment-based assessment. The teaching will reflect the project approach and will include aspects of teamworking.

What Equipment Will I Need?

All equipment will be provided.

Where will I study?

SciTech Digital Innovation Centre
Falcon Street
Barnsley
S70 2EY

What can I do next?

You will be able to progress onto the final year of a relevant degree programme or into employment in any of the related study subjects.

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?

Course fees: £5,995 per year for those that enrol in September 2024. £6,165* per year for those that enrol in September 2025 (*maximum fee per year is subject to approval)

Financial support

You may be eligible for assistance with expenses such as travel, books, equipment and childcare. For further information please contact the Student Services Team on +44 (0)1226 216 267.

Extra information

Disability and Dyslexia Service (DDS) Higher Education

We offer a service to any student who has a diagnosis of anything persistent or long-term which might interfere with how they study and manage their day-to-day academic engagement. The

service is flexible and shaped around the needs of each individual; it might be consistent support or intermittent support.

For further information please refer to our website. [<https://www.barnsley.ac.uk/higher-education/dds-at-higher-education/>]

HE Student Finance

As a Higher Education student living in England you may be eligible for the non-means tested Tuition Fee Loan from the Government. For further details go to:
www.direct.gov.uk/studentfinance [<http://www.direct.gov.uk/studentfinance>]

You may also be eligible for a Maintenance Loan. See the Government website [<https://www.gov.uk/student-finance>] for up-to-date details.

Students with children or dependant adults may qualify for a Childcare Grant or Adult Dependents' Grant. Students can apply for these at the same time as applying for a Maintenance Loan.

Remember: Eligible students will not have to pay tuition fees in advance and can apply for the Maintenance Loan before they start the course.

Apply online at www.direct.gov.uk/studentfinance [<http://www.direct.gov.uk/studentfinance>]

Full Fee Payable

If the course is listed as full fee payable, you will have to pay for the course.

Contact the Information Unit

For further information please contact our friendly Information Team on +44 (0)1226 216 123 or email info@barnsley.ac.uk [<mailto:info@barnsley.ac.uk>]

Additional Learning Support

Our Additional Learning Support team can provide you with the support you need. Please contact them on +44 (0)1226 216 769.

Disclaimer

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

Last updated: 19th June 2024

Want to apply?

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

Call us on **01226 216 123**