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 and Systems Development or equivalent qualification in a related subject.

You will achieve

A Computing for England BTEC Higher National Diploma (HND) – HTQ.

Course Overview

This programme will build on the learning you have undertaken while studying a Higher National Certificate (HNC) in Computin [https://www.barnsley.ac.uk/course/computing-higher-national-certificate-hnc-level-4-full-time/] g. You will have the opportunity to focus on one of three specialised study areas.

This HTQ [https://www.barnsley.ac.uk/courses/higher-technical-qualifications-htqs/] provides the opportunity to gain the proper training, knowledge and skills to be successful in the workplace. Visit the HTQ page [https://www.barnsley.ac.uk/courses/higher-technical-qualifications-htqs/] for further information.

This course is delivered as part of the South Yorkshire Institute of Technology (SYIoT). [https://www.barnsley.ac.uk/syiot/]

Course Content

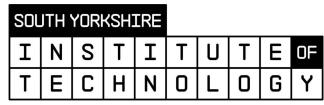You will choose one of the following specialist study areas:

- Software Engineering – including units such as data structures and algorithms, applied programming and design principles, discrete maths, applied cryptography, information security management and forensic.
- Network Engineering – including units such as transport network design, cloud computing and network security.
- Data analytics – including a computing research project, business process support, advanced programming for data analysis, machine learning, big data analytics and visualisations, systems

analysis and e-commerce.

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

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

How will I be assessed?

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=&region=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 Dependants' 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: 15th March 2024

Want to apply?

Visit **https://www.barnsley.ac.uk/apply** to get started
Call us on **01226 216 123**