

# Computing, Games and IT

## Information Technology (Digital Technician) Level 3 Full-Time

### In Brief

#### Start Date

The course runs for two years beginning in September. You will study over four or five days with lessons between 9.00am and 5.00pm.

#### Entry Requirements

- Five GCSEs at grades 4/C or above, including English Language and maths.
- Other relevant qualifications or experience will also be considered.

#### You will achieve

Level 3 Extended Diploma in Information Technology.

### Course Overview

This course is suitable if you are seeking a career within the IT industry or progress onto further study. This course allows you to learn about different technologies and the types of IT. It will give you an overview of how IT and Computing Systems can be merged and work together to produce benefits for companies and individuals.

Suited to people who want a career in creative IT this course will help you towards a career as a computer technician, in programming, games design or website development and maintenance

At the cutting edge of new developments, just like the digital industry itself, this Information and Creative Technology course is a fantastic introduction to the entire sector. If you want to learn both coding and creative skills in real-life scenarios, from hardware programming to graphic design, this is the course for you.

### Course Content

The Extended Diploma consists of variety of units completed over two years and includes a wide range of IT topics. Units are designed to give you an insight into the varied careers in computing and IT, helping you to identify areas of interest and your future specialism.

The learning programme blends technical and academic skills that are valued by Higher Education (HE) institutions and the workplace. You will take part in coursework, online learning, presentations, demonstrations and practical work.

Subjects studied include:

- Information technology systems
- Creating systems to manage data
- Mobile apps development
- IT project management
- Computer networking
- Computer Systems
- Mobile Technology
- Games Design
- Product Development
- Cloud Technology
- Virtual and Augmented Reality
- Enterprise Computing

Your programme will include tutorials, trips, visits and enrichment activities.

## How will I be assessed?

The course offers a combination of assessment styles that include assignments set and marked by teachers which may include written work, observed practical tasks and projects.

External assessment includes written exams marked by the awarding body. The range of assessments means that you can demonstrate your achievement when supporting HE applications or to a potential employer.

## What Equipment Will I Need?

You will need your own:

- USB memory stick and Headphones
- Not essential but you can bring and use your Android/Windows tablet or iPad
- Having access to a computer at home would be useful, however access to computers is available outside lessons in our learning curve

## Where will I study?

SciTech Centre  
Falcon Street  
Barnsley  
S70 2EY

## What can I do next?

Having a BTEC Level 3 Qualification in IT can open up a world of opportunities in both university choices and career options. This course is ideal if you wish to progress onto HE within an IT related

area such as Digital Technology, Creative Technology and Business Information Systems.

Future careers may include:

- Digital Technician
- Application Data Technician
- Software Developer/Tester
- Applications Developer
- Security Professional
- IT Project Management
- Big Data Analyst

## How much does the course cost?

### 16 – 18 year olds

Full-time Barnsley College students aged 16-18 years old do not have to pay tuition fees.

### 19+ Students

Aged 19 or over and thinking about further education? You may be eligible for free or reduced course fees . Please refer to our page ['paying for your course.'](#)

## 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 216 114.

## Extra information

### Advanced Learner Loans

This course may be eligible for an Advanced Learner Loan. Contact our friendly Information Team on +44 (0)1226 216 123 or email [info@barnsley.ac.uk](mailto:info@barnsley.ac.uk) [mailto:info@barnsley.ac.uk] . about eligibility and how to apply. You can also visit the Advanced Learner Loan [<https://www.barnsley.ac.uk/courses/paying-for-your-course/advanced-learner-loans/>] page.

## 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) [<mailto:info@barnsley.ac.uk>]

## Want to join Barnsley Sports Academy and the 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/our-departments/sport/sports-academy/>].

## 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.

## 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 already have a grade C/4 or above in GCSE English and Maths they will automatically be included in your study programme. If you want to work towards higher grades in English and Maths we can help you do that too.

Need a higher level Maths qualification? We offer a [Level 3 Mathematical Studies \(Core Maths\)](#).

This can be added to your study programme.

If you need any further information, please contact our friendly [Information Team](#).

## Disclaimer

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

**Last updated:** 21st April 2020

### Want to apply?

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

Call us on **01226 216 123**