Bradford College

Working together to transform lives

HNC in Computing for England (Data Analytics)

Subject Area	Digital
Course Type	Higher Education
Study Level	Level 4
Delivery Mode	Part-time
Location	David Hockney Building
Duration	2 Academic Years
Start Date	September 2025
Course Code	PPHN015

Course Summary

This course will equip you with skills, knowledge and understanding to help you establish your career in the global computing sector. You will develop essential computing knowledge as well as learning specific information relating to data analysis. Learn how to gain meaningful information from a data set, understand and develop website design and development as well as programming techniques.

You will benefit from partnerships with key industry professionals including CISCO, AWS Academy and CompTIA as well as the opportunity to visit specialist events such as the IPExpo in Manchester, Tech Huddle and Leeds Digital Job Fair.

What You Will Learn

The course has been designed to equip students with computing skills, knowledge and understanding in order to achieve high performance in the global computing environment. You will be given the education and training for a range of careers in computing, including network engineering, software engineering, data analytics, security, intelligent systems, applications development and testing. We will provide opportunities

for students to achieve vendor accredited certifications.

Modules

You will study specialist topics such as:

- Strategic Information Systems
- Data Analytics
- Website Design & Development
- Advanced Programming for Data Analysis and Big Data Analytics
- Visualisation

Entry Requirements

For students who have recently been in education, the entry profile is likely to include **one** of the following:

- A BTEC Level 3 qualification in Computing (or a related subject)
- A GCE Advanced Level profile that demonstrates strong performance in a relevant subject or adequate performance in more than one GCE subject; this profile is likely to be supported by GCSE grades A* to C and/or 9 to 4 (or equivalent) in subjects such as Maths and English
- Other related Level 3 qualifications
- An Access to Higher Education Diploma awarded by an approved further education institution
- Related work experience
- An international equivalent of the above

Work Experience

Although this course does not directly offer work experience, there are opportunities for you to undertake a work placement or work experience during your time studying on this course.

Additionally, practical and hands-on skills have been built into the design of this course meaning that you will have the opportunity to use relevant contexts, scenarios and materials to enable you to develop a portfolio of evidence demonstrating the breadth of their skills and knowledge in a way that equips you for employment.

Progression

Career progression can include further study or careers in:

- Programming
- Networking
- Database Design and Development
- Security
- Website design and development
- Data Analytics

Disclaimer: Our prospectus, college documents and website are simply here to offer a guide. We accept no liability for any inaccurate statements and are not responsible for any negative outcomes if you rely on an inaccurate statement. We reserve the right to withdraw any programmes or service at any time.