

# HND in Computing for England (Data Analytics)



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|---------------|------------------------|
| Subject Area  | Digital                |
| Course Type   | Higher Education       |
| Study Level   | Level 5                |
| Delivery Mode | Part-time              |
| Location      | David Hockney Building |
| Duration      | 4 Academic Years       |
| Start Date    | September 2025         |
| Course Code   | PPHN025                |

View on [bradfordcollege.ac.uk](https://bradfordcollege.ac.uk)



## Course Summary

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

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

## Modules

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### Level 4

- Programming
- Networking
- Professional Practice
- Database Design and Development
- Security
- Planning a Computing Project (Pearson set)
- Data Analytics
- Website Design and Development

### Level 5

- Computing Research Project
- Business Process Support
- Advanced Programming for Data Analysis
- Machine Learning
- Big Data Analytics and Visualisation
- User Experience and Interface Design
- Database Management Systems

## Entry Requirements

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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

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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

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Successful completion of this course can lead to job prospects as: IT Technician, Business and Data Analyst, Cyber Security Technologist, Developer and Programming.

Why not upgrade your knowledge and skills with our further study options? We offer fantastic higher level study options in:

- BSc (Hons) Networking Infrastructure and Security
- BSc (Hons) Information System Management
- BEng (Hons) Software Engineering

Progress with us, [view our higher level courses](#).

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