

## HND in Computing (Data Analytics) (HTQ)



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Subject Area	Digital
Course Type	Higher Education
Study Level	Level 5
Delivery Mode	Full-time
Location	David Hockney Building
Duration	2 Academic Years
Start Date	September 2025
Course Code	PFHN025

### 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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48 UCAS tariff points with a minimum of three GCSEs at Grade C/4 or above and including Mathematics and English. Applicants who do not meet the criteria for Mathematics and English will be considered and will be invited for interview where they will sit a numeracy and literacy skills assessment.

The School of Computing welcomes applications from candidates who do not meet the above criteria. Where this is the case, applicants will be invited for interview at which they will be expected to provide a portfolio (either physical or digital) that:

- Demonstrates professional industry experience in a Computing discipline;

OR

- Provides examples of computer skills appropriate to Level 4/5 study. Examples could include:
- ? Network administration and automation
- ? Website development
- ? Database design
- ? Programming skills
- ? Network security
- ? Data security

Candidates will also be required to undertake literacy and numeracy skills assessment along with a Computing aptitude test.

## 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](#).

**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.