Bradford College

Working together to transform lives

HNC in Computing (Data Analytics)

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Subject Area	Digital
Course Type	Higher Education
Study Level	Level 4
Delivery Mode	Full-time
Duration	1 Academic Year
Start Date	September 2026
Course Code	PFHN015

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

This course has been designed to equip students with computing skills, knowledge and understanding in order to achieve high performance in the global computing environment for a range of careers in computing, including network engineering, software engineering, data analytics, security, intelligent systems, applications

development and testing. The course will provide insight and understanding of international computing operations and the opportunities and challenges presented by a globalised market place. Students will also have a chance to achieve vendor accredited certifications.

Modules

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

Entry Requirements

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:
- Digital media
- Website development
- Database design
- App development and programming skills
- Data analysis

Candidates will also be required to undertake literacy and numeracy skills assessment

along with a computing aptitude test.

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:

- Software Engineering
- Data Analytics
- Network Engineering
- Applications Development and Testing

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