Bradford College

Working together to transform lives

Access to Higher Education – Computing

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Subject Area	Digital
Course Type	Access to Higher Education
Study Level	Level 3
Delivery Mode	Full-time
Duration	1 Year
Start Date	September 2025
Course Code	PA000517

Course Summary

This one year course is your gateway to university-level study and a thriving career in a high-growth sector.

Designed with flexibility and your future in mind, it equips you with essential skills and industry-relevant knowledge that employers are actively seeking – opening doors to exciting opportunities and increased earning potential. You'll benefit from expert guidance within a supportive, well-established college community, while enjoying the freedom of studying one day a week on campus.

With access to the Advanced Learner Loan – which could be fully written off if you progress to university and complete your degree – alongside potential financial support, this course offers real value and long-term rewards.

With a strong emphasis on study skills, critical thinking, and independent learning, this programme is designed to prepare you fully for the rigours of university-level study. You'll develop the tools you need to thrive in a fast-paced academic environment – from

effective research and academic writing to time management and interview preparation.

Induction for this course will begin at the start of September.

What You Will Learn

- **Computing Fundamentals:** Computer systems, databases, cyber security, AI, and machine learning
- **Mathematics & Analysis:** Algebra, calculus, data handling, and computational methods
- **Programming & Technical Skills:** Software development, systems analysis, web and spreadsheet tools
- **Cyber Security & IT Applications:** Encryption, cyber forensics, ethical use of generative AI
- **Software & System Development:** Project and database development, emerging technologies
- **Transferable Skills:** Research, academic writing, communication, teamwork, and ICT proficiency

Modules

- Computer Science
- Computing project
- Operating Systems
- ICT Essentials
- Web Design
- Word Processing Software
- Applied ICT
- Presentation Software
- Research Project
- Database and Software Management
- Developing skills for studying
- ICT Presentation Software
- Introduction to Computer Systems
- Preparing to Progress

Entry Requirements

GCSE Maths and English at grade 4/C or above.

You are at least 19 years old on 1st September.

It is your responsibility to check that your Mathematics and English Language qualifications are accepted for the Higher Education Institution course you wish to eventually apply for.

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Work Experience

There is no work experience as part of this course.

Progression

This qualification is well established and widely accepted by universities. It is your responsibility to check that your Mathematics and English Language qualifications are accepted for the Higher Education Institution course you wish to eventually apply for.

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.