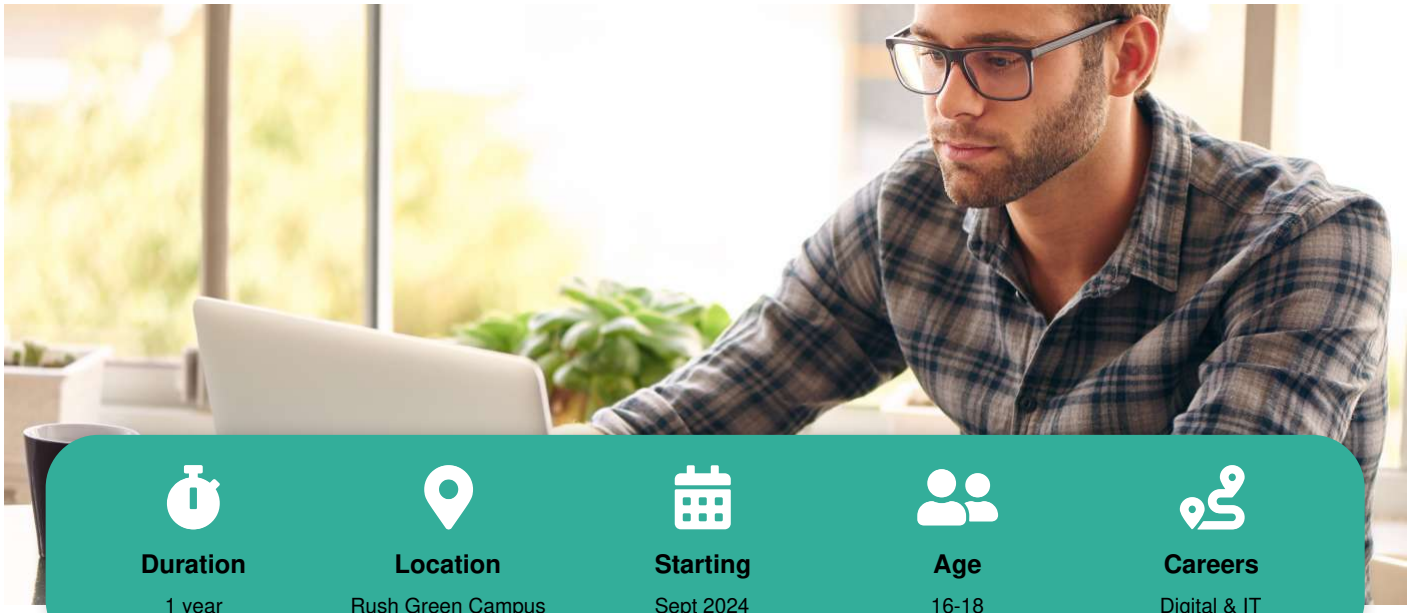
Level 3

Computing

BTEC National Diploma



Duration	Location	Starting	Age	Careers
1 year	Rush Green Campus	Sept 2024	16-18	Digital & IT

Course fees per year

AGE 16-18

FREE

Contact us to discuss what Financial support is available.

Overview

On this course, you'll develop a broad understanding of the computing sector.

You'll explore a choice of areas, enabling progression to either higher education, employment or an apprenticeship in the computing sector.

What you'll learn

The qualification provides the knowledge, understanding and skills that will prepare learners for further study or training. Learners have the opportunity to develop a significant core of knowledge in computer science, as well as additional skills in systems analysis and design, systems methodology, computer programming and product development and testing.

Six mandatory units:
• principles of computer science
• fundamentals of computer systems
• planning and management of computer projects
• IT systems security and encryption
• business applications of social media

• the impact of computing.

Two optional units:
Website Development
Computer Networking

Assessments / Exams

Assessment includes a range of types and styles using a set of work-related real-life case studies and practical demonstrations.

You will complete external, internal and synoptic exams, assignments and timed projects.

Entry requirements

You will need to have GCSE Maths, English Language and two additional subjects at grade 4 (C) or above.

As part of the application process you will also be asked to explain why you want to study this course, so that we can ensure any course offer made aligns to your career goals.

What this course leads to

On successful completion of the course, you can progress onto an Undergraduate course at the University, a Level 3/4 Apprenticeship or can start Junior level employment in the following areas:

- Desktop Support
- Network Technician
- Web Designer
- Web Developer
- Software Engineer
- Database Administrator
- Cybersecurity
- Game Developer
- Data Science
- Artificial Intelligence
- Mobile App designer

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