Pearson | BTEC

BTEC Works for
IT and Computing

Do you enjoy learning about technology and how it works? Skills shortages in key areas of the digital economy mean there's a wide variety of IT careers available for people with the right qualifications and experience.

Almost half of businesses (48%) are recruiting for roles that require hard data skills, proving a career in IT will always be needed.*

BTEC courses provide a solid grounding in all aspects of IT, from building computer systems and programming through to digital animation and web development. You'll be putting theory into practice with practical tasks and tests.

What kind of career can I go into?

You will experience a challenging and rewarding career in the ever-changing world of technology. Here's a taste of the different careers a BTEC in the sector could lead to:

- App development
- Cyber security
- Data analysis
- Hardware Engineer
- IT consultancy
- Programming
- Game development
- Software Engineer

Units at a glance

If you choose to study a BTEC in IT & Computing, you could study units such as**:

BTEC Level 1/Level 2 Tech Award in Digital Information Technology (2022)
- Exploring User Interface Design Principles and Project Planning Techniques
- Collecting, Presenting and Interpreting Data
- Effective Digital Working Practices

BTEC Level 3 National in Computing
- Principles of Computer Science
- Fundamentals of Computer Systems
- Planning and Management of Computing Projects
- Software Design and Development Project

BTEC Level 3 National in Information Technology
- Programming
- Using Social Media in Business
- Information Technology Systems
- Creating Systems to Manage Information

BTEC Level 4/Level 5 Higher National Certificates/Diplomas
- Cyber Security
- Cloud Computing
- Digital Technologies
- Software Engineering
- Data Analytics
- Network Engineering

* Quantifying the UK Data Skills Gap Report, May 2021

** This is just a selection of the full range of units. Some units are optional and vary depending which qualification size you pick.
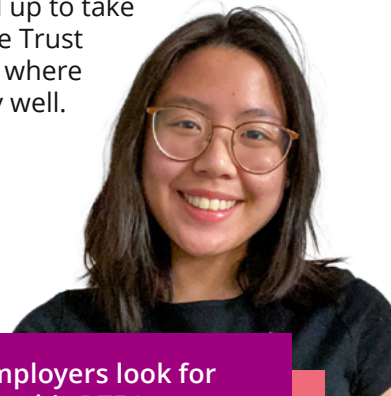
Rey Poh

Studied

BTEC Tech Award in Digital Information Technology, Sandbach High School and Sixth Form College.

Course highlights

Through her course, Rey gained a unique perspective of how the digital world works. Inspired by the Cyber Security content in her BTEC, Rey signed up to take part in the Smallpeice Trust Virtual Cyber Course where she did exceptionally well.

Next Steps

Rey has her sights set on a career in Cyber Security.

The top 5 skills employers look for that you'll learn on this BTEC course

- Problem-solving
- Analytics
- Researching skills
- Data analysis skills
- Organisation

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