

# Cambridge Technicals in IT

## COURSE CODE

Cambridge Technicals Level 3 in IT (5840) 1 A Level equivalent

## ENTRY REQUIREMENTS

- BTEC Digital IT Level 2 Merit or above OR
- GCSE Computer Science 5 OR
- 5 GCSEs at a minimum of 5 or above including English Language and Maths
- A keen interest in and an aptitude for developing IT skills that are transferrable into the IT industry (see HOD).

## WHAT WILL YOU LEARN?

Students will follow the Introductory Diploma in IT qualification, as well as the Application Developer pathway.

This pathway focuses on the development of a range of applications across platforms and sectors. Students will demonstrate the skills of writing specifications, and the design, build, testing and implementation of applications.

The qualifications aim to develop students' knowledge, understanding and skills of the principles of IT and Global Information Systems.

Students will gain an insight into the IT sector as they investigate the pace of technological change, IT infrastructure, and the flow of information on a global scale, and the importance of legal and security considerations.

## ASSESSMENT

Year 1 Units will include:

- Unit 1 – Fundamentals of IT (Mandatory exam).
- Unit 3 – Cyber Security (Optional exam).
- Unit 17 – Internet of Everything (Optional coursework).

Year 2 Units will include:

- Unit 2 – Global Information (Mandatory exam).
- Unit 6 – Application Design (Mandatory coursework).

## NEXT STEPS

The Cambridge Technicals in IT is designed to give students a firm starting point for any future progression from the course be it to University or into an apprenticeship or full employment. It also provides a basis for progression into a broad range of roles within the IT sector when supported by relevant qualifications at level 2, such as GCSE English and Maths, and/or at level 3, such as Maths and Physics to progress onto university to study Computer Science, Cyber Security or Application Development.

## CAREER INFORMATION

Students will also develop professional, personal and social skills through interaction with peers, stakeholders and clients, as well as theoretical knowledge and understanding to underpin these skills. These will support the transferable skills required by universities and employers such as communication, problem solving, time management, research and analytical skills.

## EXTRA COSTS

Students are encouraged to purchase course textbooks for around £25 each and there may be opportunities to attend an enrichment trip to enhance their subject knowledge.

