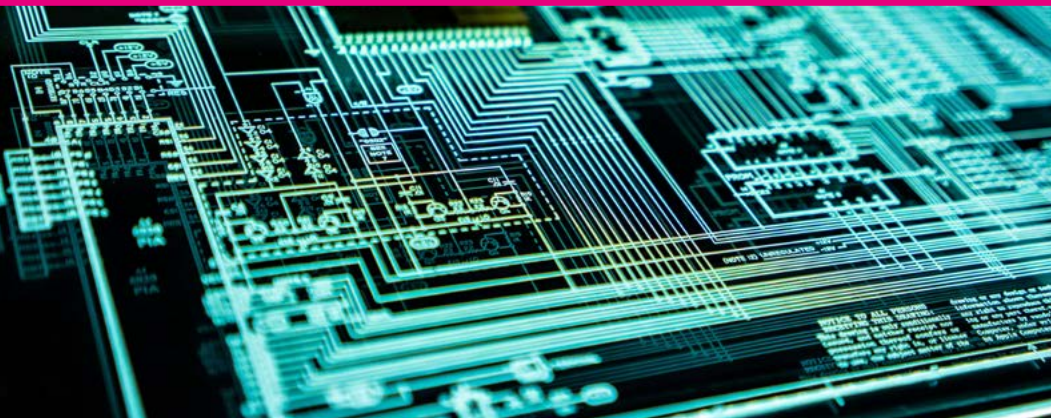


# Information Technology

Cambridge Technicals Level 3



## Course Outline

ensuring you gain both core theoretical knowledge and practical, transferable skills. These units are fundamental and must be completed by all students, regardless of the size or specialism chosen:

### Unit 1

Fundamentals of IT: Covers hardware, software, networks, business IT systems, and the ethical/legal issues of using IT.

### Unit 2

Global Information: Focuses on how information is stored, processed, secured, and used globally by organisations, including relevant legislation (e.g., Data Protection).

### Unit 3

Cyber Security: Explores security threats, vulnerabilities, incident management, and methods for protecting IT systems and data from attack.

You will complete a selection of optional units to tailor your learning towards a specific IT career path, such as App Developer or Data Analyst. Examples of optional units include:

- Project Management
- Product Development
- Application Design
- Computer Networks
- The Internet of Everything
- Data Analysis and Design

## Skills Required

- Analytical and Problem-Solving Skills: You must be able to break down complex IT problems and design logical, effective solutions (especially in coursework units).
- Literacy and Communication: Essential for writing detailed reports, technical documentation, and presenting your project findings to a defined audience.
- Research Skills: You will need to conduct effective and discerning research to understand current technologies, legislation, and industry best practices.
- Time Management: Crucial for managing the deadlines and workflow of complex, internally-assessed coursework units.
- Teamwork and Employability: The course structure and content inherently develop personal attributes and interpersonal skills valued by employers, such as reliability and professional communication.

## Entry Requirement

- Learners who are beginning a Level 3 ICT course are likely to have followed a Key Stage 4 programme of study in Computer Science and to have at least five grade 5 at GCSE, including English and Maths.

## Exam Board

OCR



## Future opportunities

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