

# Information Communication Technology

## Cambridge Technical Level 3

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### Course Outline:

5 Units - three of them are mandatory (Units 1, 2, and 3), and two are yours to choose

#### Mandatory Units:

##### Unit 1: Fundamentals of IT (Externally Examined)

- Discover the secrets behind IT technologies that power the digital world.
- Find out about hardware, networks, and software that make our tech-driven lives tick.
- Uncover the ethical side of computing and how businesses harness IT for success.

##### Unit 2: Global Information (Externally Examined)

- Get ready to decode the mysteries of information flow within organisations.
- Explore the fascinating world of data, both inside and outside organisations.
- Master the art of understanding and managing information that fuels decision-making.

##### Unit 3: Cyber Security (Externally Examined)

- Gain knowledge and understanding of the range of threats, vulnerabilities and risks that impact on both individuals and organisations.
- You will learn about the solutions that can be used to prevent or deal with cyber security incidents resulting from these challenges.
- Become a guardian of the cyber world with knowledge of cutting-edge solutions.

After completing these mandatory units, you'll have the chance to customise your IT course with TWO choice units, both of which are coursework based!

This course is equivalent to one A-level. To be successful in IT you require excellent time management to meet deadlines, a keen interest and enjoyment of ICT and its ever changing role in society. Organisational skills and the ability to problem solve will be an advantage.

### Progression Post-18

Students will study the concepts associated with the use of ICT in the 21st Century. They will also have opportunities for acquiring skills needed in the IT profession, such as co-operative working and project management. These practical skills can be developed in areas of ICT that are of interest to them. Students can also use these newly acquired skills as a springboard into other higher qualifications and for working environments.

