

# Information Technology

## Cambridge Technical Diploma Level 3

### General Information

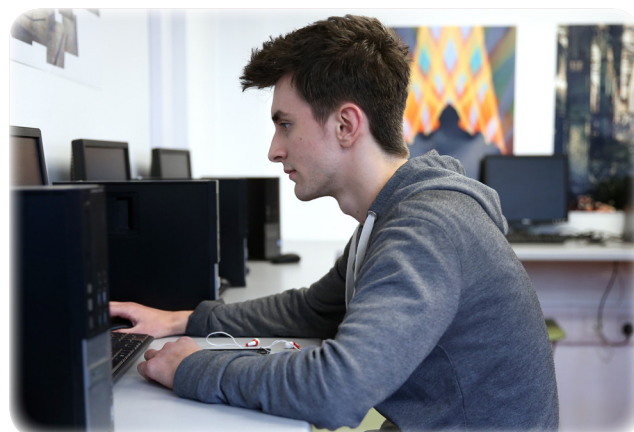
Level 3 Cambridge Technical in IT is a vocational qualification which is designed with the workplace in mind. Vocational education isn't just about results – it's about educating people in the knowledge and skills required for employment and for the community as a whole. It's also about developing the behaviours and attributes needed to progress and succeed in education and in work

The Level 3 Cambridge Technicals in IT allow you to achieve your potential and progress to the next stage of their lives, whether it be Higher Education, an apprenticeship, or employment

IT is available as a

**Introductory Diploma in IT**  
**Diploma in IT**

which is equivalent to one A Level  
which is equivalent to two A Level



### Entry requirements

You should have a grade 4 in GCSE English and GCSE Maths and should also meet the general college entry requirements for Advanced Level study. (Please see the current Prospectus- Advanced Programmes, Entry Requirements).

It is NOT necessary to have studied Information Technology at GCSE level. (Students are accepted onto this course with no IT qualifications).

In this subject, particular skills and aptitudes will be required, many of which will be demonstrated by students' GCSE profiles.

Entry requirements might be changed in light of curriculum reform.

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### Course content

#### ■ IT Applications Developer Pathway

This pathway focuses on the development of a range of applications across platforms and sectors. We've made sure your students will gain the right combination of knowledge, understanding and skills required for the 21st century, enabling them to demonstrate the skills of writing specifications, and the design, build, testing and implementation of applications.

### Useful / common subject combinations

Maths, Media Studies and Business Studies are subjects that could be taken alongside IT.

### Careers / HE information

The Diploma gives a firm foundation if you wish to study computing related subjects at university, an apprenticeship or employment in an IT related job.

The Introductory Diploma gives you good software skills as a preparation for apprenticeships, work or study in any area.

#### ■ Introductory Diploma in IT equivalent to 1 A Level

##### Exams 50%

- 1 Fundamentals of IT
- 2 Global Information

##### Coursework 50%

- 6 Application Design
  - 21 Web Design and Prototyping
  - 13 Social Media and Digital Marketing
- or
- 15 Games Design and Prototyping

#### ■ Exam Units

##### Unit 1- Fundamentals of IT

- Hardware
- Software
- Business IT systems
- Employability and communication skills
- Ethical and operational issues

##### Unit 2-Global Information (Case Study)

- How information is held and transmitted
- Style and Classification
- Use and Benefits
- Legal and regulatory framework
- Information Flow

#### ■ Diploma in IT equivalent to 2 A Levels

##### Exams 33%

- 1 Fundamentals of IT
- 2 Global Information
- 3 Cyber Security

##### Coursework 67%

- 6 Application Design
- 21 Web Design and Prototyping
- 15 Games Design and Prototyping
- 5 Project Management
- 12 Mobile Technology
- 13 Social Media and Digital Marketing
- 14 Software Engineering for Business
- 17 Internet of everything

##### Unit 3-Cyber Security

- Meaning
- Issues
- Protection methods
- How to manage incidents