



## Cambridge Technical Introductory Diploma in IT Level 3

### Overview

#### Course:

Cambridge Technical Extended Certificate in IT

#### Awarding Body:

OCR

#### Length of Course:

2 years

#### Entry Requirements:

There are no formal entry requirements for this qualification; however a GCSE in IT would be advantageous. A good level of literacy and numeracy skills is expected.

#### Further information:

Please see any member of St Aidan's ICT & Computer Science Department

### Course Content and Examination Requirements

Learners will be able to develop the core knowledge, skills and understanding required in the IT sector, and develop further skills by completing a range of units through the Application Developer Pathway.

Students must study 2 x 90 and 3 x 60 GLH units • Learners must achieve a total of 5 units consisting of 2 mandatory examined units, mandatory coursework unit and 2 further units which will all be externally moderated • The units are graded Pass, Merit, Distinction and Distinction\*

#### Unit 1 (Exam)

##### Fundamentals of IT (*Mandatory*)

- Understand computer hardware
- Understand computer software
- Understand business IT systems
- Understand employability and communication skills used in an IT environment
- Understand ethical and operational issues and threats to computer systems

#### Unit 2 (Exam)

##### Global Information (*Mandatory*)

- Understand where information is held globally and how it is transmitted
- Understand the styles, classification and the management of global information
- Understand the use of global information and the benefits to individuals and organisations
- Understand the legal and regulatory framework governing the storage and use of global information
- Understand the process flow of information
- Understand the principles of information security

#### Unit 6 (Coursework)

##### Application Design (*Mandatory*)

The world is increasingly reliant on applications that help individuals, business and organisations achieve specific activities or purposes. In this unit you will explore potential ideas for a new application and develop the fundamental design for it.

You will then develop the designs for an application and how users will interact with it. The application that you will design could be for any sector and for any purpose. You will have the opportunity to present your ideas, prototype them and gain feedback before refining your design.

#### Optional Units (Coursework)

- Mobile Technology
- Social Media and Digital Marketing
- Games Design and Prototyping
- Internet of Everything
- Web Design and Prototyping

#### Relevance to Further Studies and Careers

This qualification is for learners 16 years old or over who prefer to study IT in a context that allows them to learn and be assessed in ways that are practical and relevant to the IT sector:

- studying to prepare for employment in the IT sector
- who want to progress into IT-related apprenticeships
- who want to gain a level 3 qualification to support further study in Further Education (FE) or to progress to Higher Education (HE) in IT