



Blue Coat Church of England Academy

Year: 12/13

Subject: ICT

Overview

Cambridge Technical Level 3 in IT

<http://www.ocr.org.uk/qualifications/vocational-education-and-skills/cambridge-technicals-it-level-3-certificate-extended-certificate-introductory-diploma-foundation-diploma-diploma-05838-05842-2016-suite/>

Cambridge Technicals are vocational qualifications designed with the workplace in mind, and provide a high quality alternative to A levels. This qualification will develop student's knowledge and understanding 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, the flow of information on a global scale, and the importance of legal and security considerations.

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 support the transferable skills required by universities and employers such as communication, problem solving, time management, research and analytical skills.

This pathway focuses on the development of a range of applications across platforms and sectors. 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.

Units covered:

- Unit 1 Fundamentals of IT – this is an examined unit taken in year 12
- Unit 2 Global Information - this is an examined unit taken in year 12
- Unit 6 Application Design – coursework which is completed in school, planning and designing an application that meets the needs of different users.
- Unit 9 Product Development – coursework in which students can choose whether to use their application or web site that they have previously prototyped.
- Unit 21 Web Design and Prototyping – coursework in which students design their own website using HTML to meet the need of their customer.