POST 16 SUBJECT OVERVIEW

Name of Subject - Cambridge Technical Introductory Diploma in IT

Which Examination Specification is Studied for this Course? 05840

Why should I study this course? - IT is at the heart of everyday life, at home, work and in our leisure time from computer graphics and control systems to communications and problem-solving, IT has an ever increasing role to play.

Cambridge Technicals are vocational qualifications that are designed to give you a work-focused alternative to A Levels. They've been designed to give you opportunities to demonstrate and develop the practical application of knowledge and understanding in the areas of work that appeal to you. This will enable you to develop your research skills as you work, both independently and with colleagues, to progress through your qualifications.

Who is suitable to study this course? - This qualification is not just about being able to use computers. Employers have told us that they need people who are able to help them develop their systems or the systems for their customers, use IT as a tool to analyse data and develop applications. Therefore, this qualification is designed to give learners a range of specialist knowledge and transferable skills in the context of applied IT, providing them with the opportunity to enter an apprenticeship, move directly into employment, or progress to a related Higher Education course.

What GCSE Qualifications Support the Study of this Course?

Whilst this course is accessible for all, there are some qualifications that complement it at GCSE level. These include, but are not limited to, Computer Science, Information Technology and iMedia and can be either a vocational qualification or GCSE

What are the Qualification Requirements for this Course?

A GCSE in Computer Science is preferred, however not essential. Students should have a GCSE grade 5 in English and Maths. A willingness to learn and an enthusiasm for both Computer Science and ICT.

How is the Course Delivered? - This course is delivered by either 1 or 2 teachers covering the same units over 5 hours per week. Each week a new topic is taught and the entire week is dedicated to this topic. Over the first few hours you will be taught new content and conduct your own research. This

will be accompanied by a series of tasks that will continue into the final hours of the week's lessons. Finally for home study you are required to build a website using Google Sites that will act as your own revision as well as being able to use it for our Web Design unit in the second year of the course.

Subject Overview		
Half Term	**Year 12**	**Year 13**
Autumn 1	Unit 1 - Fundamentals of IT	Unit 6 - Application design
Autumn 2	Unit 1 - Fundamentals of IT	Unit 21 - Web design and prototyping
Spring 1	Unit 2 - Global information	Unit 21 - Web design and prototyping
Spring 2	Unit 2 - Global information	Unit 9 - Product development
Summer 1	Unit 2 - Global information	Unit 9 - Product development
Summer 2	Unit 6 - Application design	

How is the Course Assessed?
This course is assessed through a combination of both exam and coursework based assessment. Unit 1 and 2 are exam based whilst the remaining units are coursework based.

What is our Recommended Subject Reading list to Support your Study? -
https://www.hoddereducation.co.uk/subjects/ict/products/level-3/cambridge-technicals-level-3-it