



## OCR Cambridge TECHNICALS in IT (2016) Application Design Strand

*5 Units completed over the two years. Coursework in Year 12 (3 Pieces) followed by 2 exams in Year 13. Work completing in lesson with deadlines set for out of lesson completion. All coursework linked to single business/case study to reduce work repetition. Each unit assessed on a scale (P – D\*) in which the average determines overall grade.*

<p><b>Fundamentals of IT – Exam 25%</b></p> <p>A sound understanding of IT technologies and practices is essential for IT professionals. Information learnt in this unit will provide a solid foundation in the fundamentals of hardware, networks, software, the ethical use of computers and how business uses IT.</p>	<ul style="list-style-type: none"> <li>• 90glh unit</li> <li>• 1 hour 30 minutes exam</li> <li>• 80 marks</li> <li>• Part A – approx. 18-20% multiple choice. Part B short answer questions (no more than 10 marks per question)</li> <li>• Available in both January and June series</li> <li>• It will be paper based</li> </ul>
<p><b>Global Information – Exam 25%</b></p> <p><i>The purpose of this unit is to demonstrate the uses of information in the public domain, globally, in the cloud and across the internet, by individuals and organisations. You will discover that good management of both data and information is essential, and that it can give any organization a competitive edge.</i></p>	<ul style="list-style-type: none"> <li>• 90glh unit</li> <li>• 1 hour 30 minutes exam</li> <li>• 80 marks</li> <li>• Part A short-answer questions based on pre-release research brief (42 marks). Part B short-answer questions not based on the case study (38 marks) ( Maximum 10 marks per question)</li> <li>• Pre-release approx. 6-8 weeks prior to the exam.</li> <li>• A clean copy of this pre-release material will be given to learners with the question paper (no notes)</li> <li>• Available in both January and June series</li> <li>• It will be paper based</li> </ul>
<p><b>Application Design – Coursework 17%</b></p> <p><i>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 design can 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.</i></p>	
<p><b>Project Development – Coursework 17%</b></p> <p><i>You will learn about different product design methodologies and the role of the product development life cycle. In addition, you will discover the factors that influence product developments.</i></p>	
<p><b>Web Design – Coursework 17%</b></p> <p><i>In this unit you will research, design and produce an interactive, responsive website that is specific to a client’s needs, culminating in presenting the concept of the website using the prototype to the client.</i></p>	

### Entry

*Ideally you would have studied an IT qualification at GCSE (Cambridge Nationals, Business Communication, GCSE ICT) however this will not prevent you accessing the learning and therefore the qualification.*

### Progression

*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.*