

**Curriculum Information Bramcote College**

Year Group: Year 13

Subject: IT (Cambridge Technical)

<p><i>Objectives/purpose</i></p>	<p>The Cambridge Technical IT course is a vocational qualification that is equivalent to an A level. During the course students will complete two external examinations and create three portfolios of coursework. The Cambridge Technical qualification in IT is designed to allow students to gain an insight into the IT sector as they investigate the pace of technological change, IT infrastructure on a global scale, and the importance of legal and security considerations.</p> <p>They will prepare for two external examinations in Year 12 that assess their ability to recall and apply IT theory in a range of contexts. In Year 13 students gain hands-on experience and have the opportunity to focus on specific topics such as Augmented reality and virtual reality, The Internet of Everything and digital marketing.</p> <p>Unit 5 AR and VR Virtual reality is a simulated environment that is intended to replicate the physical experience of being in places in the real or imagined worlds by giving the user sensory experiences that match those which would be experienced were the user actually in that environment. Augmented reality is the process of changing the user's view of the real world in order to give them an improved, or more detailed, view of what they are seeing. Students will learn about both technologies and how they are used. They will then be asked to design and create a resource.</p> <p>Unit 13 Digital Marketing and Social Media The use of social media has increased massively over recent years and is now a world-wide phenomenon. Users of social media are able to share ideas and files, compare opinions and pass comment on the activities of their friends and contacts. In doing so, they are not only generating huge amounts of data about themselves, but also allowing others the opportunity to contact them and monitor some of their online activities. This unit looks at digital marketing as a concept and then gives the students the opportunity to explore the possible impacts, both positive and negative, that may be generated by the use of social media as a digital marketing tool. They will then be asked to create their own social media campaign.</p> <p>Unit 17 Internet of Everything This unit is about the use of the internet and how it is impacting people and society. Students will learn about the Internet of Everything (IoE) and how it is used. They will then carry out a feasibility study for a potential idea, which they will pitch to potential stakeholders.</p>
<p><b>Autumn Term</b></p>	<p>Unit 17 Internet of Everything Unit 13 Digital Marketing and Social Media (Resit Unit 1 and 2 if required)</p>

Spring Term	Unit 13 Digital Marketing and Social Media Unit 5 AR and VR
Summer Term	Unit 5 AR and VR
How is progress measured?	Students will be given a clear assessment checklist and will be required to meet a demanding schedule for the submission of the coursework. Coursework will be assessed continuously with feedback given to the student about their current grade. All tasks must be completed to the required standard to achieve distinction.
How is the subject externally examined? (KS4 and KS5)	There are two external exams that will be sat in May, Year 12. This will assess their knowledge and understanding in Unit 1 and 2. The rest of the qualification is assessed via the production of a coursework portfolio which is comprised of three units.  Paper 1 –Fundamentals of IT - 2 hour written exam – 90 marks Paper 2 –Global Information – 1hr 30 minutes written exam – 60 marks  Unit 5 AR and VR Unit 13 Digital Marketing and Social Media Unit 17 Internet of Everything
Extending Learning at home	Students are expected to complete 4 hours of independent learning each week, in which time they will be given opportunities to produce the coursework necessary to achieve their target grade. This will be set using Microsoft Teams. Each student will also be given a personalised unit checklist to support their learning over time. Resources have been prepared by the department to support the production of coursework assignments.
Support Available	Students have six double lessons a fortnight. With small groups, students are able to address specific misconceptions or concerns with their teachers. Teachers are also more than happy to support students out of lesson time.
Useful web addresses and book resources/revision guides	Files section – Microsoft Teams  Cambridge Technical Level 3 IT Hodder Education. Editor Mo Everett  <a href="https://www.hoddereducation.co.uk/subjects/ict/products/general/my-revision-notes-cambridge-technicals-level-3-it">https://www.hoddereducation.co.uk/subjects/ict/products/general/my-revision-notes-cambridge-technicals-level-3-it</a>  <a href="https://ocr.org.uk/qualifications/cambridge-technicals/information-technology/#level-3">https://ocr.org.uk/qualifications/cambridge-technicals/information-technology/#level-3</a>

Date reviewed: May 2020