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SPRINGBOARD

CTEC IT

ℹ️ OUR COURSE DETAILS

The intention of the CTEC IT course at Bilborough College is to support your learning to help you to achieve your next pathway of Higher Education, an apprenticeship or employment in the field of ICT and Computing. This course develops hardworking, organised and confident students who can problem solve and develop working solutions. In addition, other skills developed, include time management and presentational skills, which will be valued by a wide variety of workplaces and higher education.

Due to the DfE changing A-Level courses, the A-Level ICT is no longer on offer. However, we understand that ICT has a role to play in society and there needs to be an alternative provision available for students, who are likely to use ICT as a tool in their future careers, rather than as a developmental tool through programming.

The vocational ICT courses on offer had different topics and assessments available. We have chosen the OCR Cambridge Technical in IT Level 3 specification because of the relevant and current units available, such as Cyber Security, Social Media and Digital Marketing and Global Information etc. The assessment offered are a combination of examinations and coursework, which makes the qualification more robust and in line with the world of work.

👤 EMPLOYABILITY

www.prospects.ac.uk This might be a starting point but if you have better places to find the info from your subject that's great!

For example, here are just some examples of ICT employability options available to you, if you choose to study ICT:

Cyber Security Analyst. Data Analyst. IT Consultant. IT Technician. Database Administrator. Network Administrator. Software Programmer, Web Programmer, Games Programmer etc.

🎞️ FILMS

- The Imitation Game (2014)

🎓 UNIVERSITY COURSES

There are many courses to choose from when looking at applying to universities. Some degrees will be solely dedicated to ICT and other degrees, called a combined degree, allows you to study another subject with ICT.

Computing, Information Technology, Computer Science and Information Technology, Information Technology and Management of Business, Cyber Security, Internet Security etc.

Check out UCAS. A useful tool to finding out about the different degrees courses available at different universities, as well as providing you with all the information you need to know about entry requirements: www.ucas.com

📚 OUR TOP READS

- Cambridge Technicals Level 3 in IT

- Real World ICT for AS and A2

🌐 USEFUL ONLINE LINKS

www.lifewire.com

www.brainscape.com

www.brainscape.com - Link 2

computer.howstuffworks

🔗 LINKS TO THE SPECIFICATIONS

Unit 1: Fundamentals of IT:

www.ocr.org.uk

👥 PEOPLE TO RESEARCH

- **John Von Neumann - Creator of the Von Neumann Architecture**

- **Tim Berners Lee**

- **Alan Turing**

💡 PREPARING FOR STUDY

Revision over different **hardware**, **software** and **CPU components** is a must! Make sure you are able to **describe** the key **features**, **purpose** and **use** of these different hardware, software and CPU components.

*Can you list down a **range** of hardware and software components? Can you **describe each components features**, any **benefits**, or **limitations**??*

We can highly recommend the following resources to help with your revision:

www.teach-ict.com

There is a textbook available, but unfortunately it is not free to digitally download.
These include: -

Cambridge Technicals Level 3 in IT hoddereducation.co.uk copy of this will be given to you if you choose to study this course.