Information Technology Level 3

Emerging Digital Technology Practitioner Level 3

"IT jobs are among the highest paid and have the highest job satisfaction"

Now that we have your attention, why not learn more about Computing at Southborough on a course geared towards giving you the edge to compete in the arena of innovation. Whether as a stand alone discipline, or as a path to university, our course is one of practical hands-on experience coupled with the solid foundations of theory, designed to engage your passion for technology, computers, and problem solving. Essentially, reviving the creativity needed to drive the 21st century.

This modern qualification gives an insight into a range of computing systems, including an understanding of the principles of computer systems, software and the solving of problems.

THROUGH THIS QUALIFICATION, YOU CAN DEVELOP:

- The capacity to think creatively, innovatively, analytically, logically and critically

- An understanding of the organisation of computer systems

- The ability to apply skills, knowledge and understanding of IT, Including Project Management, in a range of contexts to solve problems

- The capacity to see relationships between different aspects of the subject

- An understanding of the consequences of using computers, an awareness of emerging technologies and an appreciation of their potential impact on society.

www.southborough.kingston.sch.uk

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Why choose Technical IT Level 3?

. It includes a practical coursework unit — which is the best way to demonstrate your level of practical skills in computing

. There is a simple assessment method, and examination papers are externally assessed

. It Is excellent preparation for students looking to take IT at degree level, or for anyone considering any kind of career In IT.

This course is a full A-Level, run over two academic years (five terms)

Units

1. Fundamentals of IT (External)

2. Global information (Externa l)

3. Virtual & Augmented Reality (Internal)

4. internet of Everything (Internal)

5. Cyber Security (External)

FULL PROGRESSION FROM GCSE TO A LEVEL

Level 3 follows on from the BTEC course, developing on the User interface and exam modules, although it is not essential that you have completed this course.

HOW IS THIS QUALIFICATION ASSESSED?

3 of the units are externally examined by OCR, either at January or June. The remaining 2 units are internally assessed Via projects.

WHAT DO I NEED TO HAVE TO ENTER THE COURSE?

You will have been assessed in IT skills at Key Stage 3 and many will have followed a course in ICT at Key Stage 4. Whilst not assuming the full knowledge and understanding of the subject at Key Stage 4, the course assumes that you will have a basic understanding and knowledge of both the hardware and software of a standard, stand-alone computer system. It is likely that you will like technological things and have an interest in how things work.

In addition, you will have both GCSE English Language and Maths at a minimum of grade 5.

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