Cambridge Technical in IT

Compulsory Units

Fundamentals of IT

Global information

Application design

2 Units from

Project management

Mobile technology

Games design and prototyping

Web design and prototyping

Course Structure

From the compulsory units, Fundamentals of IT and Global information are both externally examined and the Application Design unit will be internally assessed and moderated by the examination board.

The optional units will both be internally assessed and externally moderated. The Internally assessed units will have a considerable practical component where candidates will be expected to create professional quality prototypes for products.

Opportunities to take the examinations for the externally assessed units will take place in January and June of each year.

The compulsory Units together make up 66.7% of the over all grade for the qualification. Each unit will be given a grade of pass, merit, distinction or Distinction* and it is necessary to obtain a pass in all units to obtain the qualification

For further information email gmatthews@littleheath.org.uk

LITTLE HEATH SCHOOL

Cambridge Technical In IT

The Cambridge Technical in IT is targeted at students aged 16+ in either a school or FE environment. It allows for great flexibility with the choice of units that make up the qualification and comprises two units which are assessed by examination and three course work units which are internally assessed and externally moderated.

This Level 3 qualifications has UCAS points attached to it , supporting progression to University and other Higher Education as well as supplying an ideal foundation for applying for apprenticeships in computer based industries. It is an ideal foundation for students entering the workplace, providing them with a theoretical background reinforced with practical skills that transfer into the modern workplace.

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Where could this qualification lead

The qualification will lead to specific job roles which include:

Web Application Developer, Software Engineer, Mobile Application Developer, Application Developer, Software Analyst, Software Developer, Software Tester, IT Technical Sales and Digital Service Operator.

It will enable learners to acquire a range of transferable skills and knowledge which are highly regarded by higher education providers and employers. It has UCAS tariff points and provides a good grounding for progression to university to take one of many relevant degree programmes, for example: Computing and ICT; Computing Science; Software Developments; Software Engineering; ICT and Computer Networks; Business Information Systems. (It is always important for learners to check individual course requirements when applying to university)

The qualification could also provide learners with a head start into apprenticeship programmes (e.g. Network Engineer or Software Developer), or directly into employment, whilst still providing learners with the option of progression into a related Higher Education (HE) course as listed above.

Developing Skills

All of the coursework units have practical outcomes and involve acquiring new skills and developing existing ones. Students will work with a range of industry standard software applications to produce their course work.

Standards at this level are much higher than at GCSE. Students are encouraged to produce truly professional quality products and will be given a high level of feedback and support to ensure that their work meets the exacting standards of the course.

Computer Science and Cambridge Technical in IT

The Cambridge technical qualification is focussed on how computers are assembled, set up and used. It is not primarily concerned with the theory of how they work. As a result there is little or no overlap between this course and Computer Science. Some students may therefore choose to study computer Science and the Cambridge Technical in IT. Computer Science places a particular emphasis on logic the theory of computer operations as well as programming and candidates require the ability to deliver a high level of mathematical skills, whereas the Cambridge Technical has a greater emphasis on delivering technical solutions for the end user.

Academic Requirements

Sixth form work requires a high level of motivation and self-discipline. Success depends on the student being organised to meet deadlines and motivated to work independently.

Ideally we ask for five higher grade passes at GCSE including Mathematics and English. It is not a vital requirement that ICT has been studied in previous years.

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