



Cambridge Technical Introductory Diploma in IT

Key contact: Mr N Bechley (Head of Department).
Exam Board: OCR

Overview of the course:

The Cambridge Technicals are inspiring vocational qualifications aimed specifically at students aged 16 and above. They are an ideal foundation for students entering the workplace, providing them with a theoretical background reinforced with practical skills that transfer into the modern workplace. They are designed to allow students flexible progression routes, moving on to higher education or further training and/or employment.

Progression through the Sixth Form will provide a suitable basis for further study in related subjects in Higher Education as well as a valuable preparation for careers in any area of Information and Communication Technology.

The course will enable students to gain a greater understanding of Information and Communication Technology and its application within commercial scenarios. It will provide students with essential skills of relating ICT practice to use within a technical setting, as well as developing knowledge, skills and understanding of how ICT is used in commerce and industry. Students follow an 'applications developer' pathway in the units that they complete.

ICT skills are an essential commodity in the workplace today. They are also extremely valued by colleges and universities.

What will you study?

There are three units to complete in Year 12, two of which are mandatory, leading to the Level 3 Cambridge Technical Certificate.

Year 12:

- Unit 1: Fundamentals of IT – Examined **(Mandatory)**
- Unit 2: Global information - Examined **(Mandatory)**

In the second year there are three further units, the choice of which will depend upon general demand. All three units in each year must be completed to achieve the full Level 3 Cambridge Technical Introductory Diploma.

Year 13 (three from the units below will be taken in line with the teacher's decision):

- Unit 6: Application Design **(Mandatory)**
- Unit 12: Mobile Technology (Optional)
- Unit 13: Social Media and Digital Marketing (Optional)
- Unit 15: Games Design and Prototyping (Optional)
- Unit 17: Internet of Everything (Optional)
- Unit 21: Web Design and Prototyping (Optional)

Assessment

All six units will be internally assessed and externally moderated via a portfolio of assignments that you need to produce during each unit.

Possible career path?

In terms of a career in ICT, the Cambridge Technicals provide an excellent foundation in the ICT themes and concepts that are fundamental in today's workplaces; especially in the design and implementation of information systems and products for business.

Many ICT students who wish to extend their studies in ICT go on to university to study ICT, and/or ICT and Business Studies combination courses. In recent years, our ICT students have gone on to study in the growing fields of Multimedia, Information Systems, Game Design, Computer Science, Computing and Networking, Network Security, and MediaLab Arts.

In addition to ICT based degrees, students have gone to study other courses including – Photography, Media Studies, Journalism, Geography (including GIS), Education and Accountancy; and jobs in web design and administration, and frontline technical support.

Entry requirements

Ideally five GCSEs Gradel 9-5, including English and Mathematics to Level 5.