	IT, CAMBRIDGE TECHNICAL
Qualification Level	Level 3, Introductory Diploma
Exam Board/ Syllabus	OCR
Contact(s)	Mr McGrory/Mr Cornelius

Why Study This Course?

Cambridge Technicals are vocational qualifications designed with the workplace in mind and provide a high quality alternative to A-Levels. They are about educating people in the knowledge and skills required for employment and for the community as a whole. It's also about developing the behaviours and attributes needed to progress and succeed in education and in work.

Course Content

Our Cambridge Technicals in IT allows students to gain an insight into IT and cybersecurity. A wide range of units and pathways provide students with practical and project-based opportunities to develop knowledge and skills in areas including application development.

Course Assessment Pattern/ Structure

Cambridge Technical Introductory Diploma in IT will offer students an opportunity along the Application Developer pathway. This gives a focus on the design, build and test of mobile applications, which are essential in the 21st century. Students are required to complete a total of 5 different units, in this two year course.

2 Compulsory Units - External Assessment (EXAM)	
Unit 1: Fundamentals of IT	This unit will equip students to be able to manage and develop Information Technology Systems. Students will learn about computer hardware and software, business IT systems, employability and communication skills and explore ethical and operational issues/ threats in the IT world.
Unit 2: Global Information	This unit allows students to explore the use of information and how organisations use and manage data, and the type of information used to operate. Students will learn about global use/ transmission of information, legal and regulatory frameworks governing the use/ storage of information and the flow of information and its security.
3 Units – Coursework * (units subject to change based on the needs of the cohort)	
Unit 6: Application Design	This unit explores potential ideas for a new application. You will then develop the designs for an application and how users will interact with it. The application that you design can be for any sector and for any purpose. You will have the opportunity to present your ideas, prototype them, and gain feedback before refining your design.
Unit 12: Mobile Technology	This unit covers the use of mobile technology across a variety of platforms. Students will explore the technology available, their characteristics and the benefits/drawbacks. Using the knowledge, students will then suggest and justify a mobile technology solution to given scenario.
Unit 21: Web Design Prototyping	This unit covers research, design and production of an interactive and responsive website, specific to a client's needs. You will learn about the security risks in website design and how to minimise these threats. This unit will also allow you to incorporate existing interactive elements, as well as prototyping your own website.

Exam Structure

Unit 1 & 2 (EXAM) = 50%. Other 3 units = 50%.

Higher/Further Education & Career Links

Industry sources forecast a significant ICT skills gap over the next decade. This course is therefore offers a sound basis for going directly into employment and can also be used as a basis for entry into an apprenticeship, move directly into employment, or progress to a related Higher Education (HE) course.