

Cambridge Technical Level 3 in ICT



Exam Board: OCR

Why Study Cambridge Technical Level 3 ICT (Emerging Digital Technology Practitioner pathway)?

The course is designed with content that is up to date and engaging. In conjunction with universities, employers, and industry specialists, the course is designed to equip learners with the right combination of knowledge, understanding and skills required for the 21st Century. For instance, a sound understanding of IT technologies and practices is essential for IT professionals. Learners will also develop a greater understanding of how organisations use information sources both internally and externally. In addition, the course allows for the design of virtual and augmented reality

Thinking and life skills you will develop:

- Skills in **critical thinking**. For instance, you will be able to understand why different trouble shooting tools are used in different contexts.
- Different forms of effective **communication skills** used in the IT environment.
- **Problem solving skills and creativity** by being able to design virtual and augmented reality resources.
- **Time management skills** are developed in the ability to plan manage and complete a

University degrees that require or often prefer ICT include:

Information Technology, Business & Digital Technology, Digital Marketing, Computing and Information Technology.

What will you study?

Five units of work over two years. Two exam units (U1&U2) and three assignments.

Unit 1: Fundamentals of IT – Study the basics of computer hardware and software, in addition to information systems used by businesses.

Unit 2: Global Information –The uses of information in the public domain, globally, in the cloud and across the internet, by both individuals and organisations.

Unit 5: Virtual and Augmented Reality – research both technologies and design both a virtual and an augmented reality resource.

Unit 13: Social Media and Digital Marketing – This unit looks at digital marketing as a concept and then students explore the possible impacts.

Unit 17: The Internet of Everything – The use of the internet and how it impacts people and society.

Possible careers:

Software Developer, IT Manager, Computer Systems Analyst, Digital Business Analyst, Computer Research Scientist, IT Trainer, IT Project Manager, 3D Modelling Specialist and Digital Transformation Consultant.

Entry requirements:

There is no requirement to have studied GCSE ICT/IT. Minimum of a Grade 5 in ICT or Computing if studied at GCSE. Grade 5 in English and Maths.

“Any sufficiently advanced technology is equivalent to magic.”

Arthur C. Clarke – Science Author, Futurist, Explorer



“The number one benefit of information technology is that it empowers people to do what they want to do. It lets people be creative. It lets people be productive. It lets people learn things they didn't think they could learn before, and so in a sense it is all about potential.”

Steve Ballmer – Former CEO of Microsoft