

Subject: ICT

Level: OCR Cambridge Technicals in IT



What is a OCR Cambridge Technical in IT

This pathway focuses on the design, implementation and management of an organisation's IT Infrastructure. Plus, the activities and roles that are carried out in the workplace such as selecting hardware and software for clients, and learning how to build, upgrade or develop computer systems and networks that are safe and secure. In addition to the mandatory units, your students must also achieve the mandatory pathway unit Computer Networks.

How is the course structured?

Unit 1	Fundamentals of IT (Core unit with Examination)
Unit 2	Global information (Core unit with Examination)
Unit 3	Cyber Security (Core unit with Examination)
Unit 16	Developing a Smarter Planet (Specialist unit, coursework)
Unit 17	Internet of Everything (Specialist unit, coursework)

You will learn:

You will learn how to:

- To enter, edit and combine material of different types
- To use advanced features of general purpose and specialist applications
- How ICT is used in businesses
- Explore how ecommerce has developed
- Explore how data and information is used with an organisations
- Legal and operational aspects regarding data

You will learn the following skills:

- To present ideas and information clearly and concisely
- To generate output that meets the needs of specific audiences and purposes
- To think critically to identify problems and possible solutions
- To analyse and develop ideas
- To make choices and justify your decisions
- To check, review and evaluate your own and others' work

This course will appeal to you if you:

- Have a keen interest in Information and Communication Technology
- Have good ICT skills and wish to develop these further
- Want to find out more about how ICT tools, applications and systems are used by organisations
- Are interested in developing an understanding of how ICT affects individuals, groups, organisations and the wider community.
- Are considering a career in ICT or computing
- Are considering higher study of ICT and/or computing

Assessment:

The course is assessed through coursework portfolios of evidence which demonstrate your learning for each study unit. Coursework is moderated internally and externally. There is no examination. There are also 3 examination units.