L3 INFORMATION TECHNOLOGY

Why study Cambridge Technicals IT?

IT is at the heart of everyday life, at home, work and in our leisure time from computer graphics and control systems to communications and problem-solving, IT has an ever-increasing role to play. If you're looking to get a better handle on what information technology is - now and in the future, then you've come to the right place.

The aim of the course is to enable students the opportunity to develop the core specialist knowledge, skills and understanding required in the IT sector. This course allows them to do so through applied learning.

- A variety of units studied including hardware, software and online.
- Includes practical activities in all units - learn, do, review.
- Develops transferable skills for the workplace or future studies.

Exam Board: OCR

Course overview...

- Equivalent to one A level.
- Five units in total

Three externally examined units:

- These are Fundamentals of IT, Global information and Cyber security.
- Two further units which are centre-assessed (coursework):

These are Project Management and Product Development

Unit 1 – Fundamentals of IT

A sound understanding of IT technologies and practices is essential for IT professionals. Information learnt in this unit will provide a solid foundation in the fundamentals of hardware, networks, software, the ethical use of computers and how business uses IT.

Unit 2 – Global Information

This unit will provide you with a greater understanding of how organisations use information sources both internally and externally and the types of information you will encounter.

The skills gained by completing this unit will give you knowledge of the functionality of information and how data is stored and processed by organisations.

You will also learn about how individuals use information of various types.

Unit 3 – Cyber Security

This unit has been designed to enable you to gain knowledge and understanding of the range of threats, vulnerabilities and risks that impact on both individuals and organisations. You will learn about the solutions that can be used to prevent or deal with cyber security incidents resulting from these challenges.

You will be able to apply your knowledge and understanding of cyber security issues and solutions by reviewing and making recommendations for ways to best protect digital systems and information.

Langdon Park School
Professionalism - Inclusion - Pedagogy - Curriculum

4BEs
Professional...Inclusive...A Learner...Knowledgeable