ICT CTEC

About the course:

Key Skills

In today's world, where ICT is constantly changing, individuals will increasingly need technological and information literacy skills that include the ability to gather, process and manipulate data. These skills are now as essential as the traditional skills of numeracy and literacy.

Cambridge Technicals Level 3 offers a practical approach that can be lacking in more traditional routes, by applying learning to real-life situations. Students have to undertake a number of units for which they present evidence, based on actual work and studies. This allows them to demonstrate their skill and knowledge.

Course Content
Year 12
Level 3 Extended Certificate

3 Mandatory Exam Units
Unit 1 Fundamentals of ICT

AIM:You will gain 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

AIM:You will discover that good management of both data and information is essential, and that it can give any organisation a competitive edge. 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.

Unit 3 Cyber Security

AIM: 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.

Course Content
Year 13

2 Coursework Units
Unit 17 Internet of Everything

AIM: This unit is about the use of the internet and how it is impacting people and society. You will learn about the Internet of Everything (IoE) and how it is used.

Unit 8 Project Management

AIM: This unit will provide you with the opportunity to understand and use various project planning skills and techniques, thereby enabling you to become more effective in the workplace.
This unit will assist you in developing your skills, knowledge and understanding of different project methodologies and the key factors that can influence the success or failure of a project.

Entry Requirements

GCSE or ICT qualification Grade 6 will be an advantage.