

ICT Cambridge Technical Level 3

Contact Person: Dr N Jessop

Course Outline:

5 units - 3 mandatory (Units 1, 2 and 3) + 2 Choice units (both of which are coursework)

Mandatory Units:

Unit 1: Fundamentals of IT (Externally Examined)

In this unit you will gain a sound understanding of IT technologies and practices that are essential for IT professionals. The unit includes the fundamentals of hardware, networks, software, the ethical use of computers and how business uses IT.

Unit 2: Global Information (Externally Examined)

In this unit you will develop 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.

Unit 3: Cyber Security (Externally Examined)

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.

Skills/Aptitudes Developed/Required:

Excellent time management to meet deadlines.
Keen interest and enjoyment of ICT and its ever changing role in society. 5 GCSEs at 4 and above, preferably including English Language.

Additional Considerations:

Logical thought, organisational skills and the ability to problem solve will be an advantage. You do not have to have studied Information Technologies at Key Stage 4 .

Progression Post-18

Students will study the concepts associated with the use of ICT in the 21st Century. They will also have opportunities for acquiring skills needed in the IT profession, such as co-operative working and project management. These practical skills can be developed in areas of ICT that are of interest to them. Students can also use these newly acquired skills as a springboard into other higher qualifications and for working environments.

