

ICT

Cambridge National Certificate in ICT (Levels 1 & 2)



The **Cambridge National Certificate in ICT (Level 1/2)** consists of four units of work and is equivalent to up to one GCSE qualification. The qualification is awarded at Pass, Merit, Distinction and Distinction* levels. The compulsory unit - Understanding computer systems - is tested by a one hour written exam paper. The other three units are assessed by an independent timed practical task that is marked internally, against set criteria, with a representative sample then being sent to the exam board for final moderation.

The four units of work we will cover will equip students with a solid foundation for understanding and applying Information Communication Technology (ICT) in their future working lives. The four modules will be:

R001 Understanding Computer Systems (*compulsory unit - one hour written exam*)

The unit will include systems used at home, school and in a business setting. Students will also consider the implications of working with data to create content within a commercial environment. The content includes: an understanding of how ICT can be used to meet business needs; how to work with information and data to meet specific business needs; how ICT can be used to support business working practices; an understanding of the legal, ethical, safety and security issues that affect how computers should be used.

R002 Using ICT To Create Business Solutions (*compulsory unit—assessed independent coursework*)

Students will use a wide range of applications that are commonly used in the workplace and in further and higher education. They will develop an understanding of how to select the most appropriate software and to use tools to meet specific business requirements while developing skills to enhance documents of a variety of file types. They will also learn techniques to search for, seek and store information in a variety of contexts and how to choose the tools and techniques to communicate information and solve problems. The content will give students the skills to: use techniques to search for, store and share information; select and use software to handle data; select and use software to communicate information for a business purpose; use software tools to format documents.

R005 Creating An Interactive Product Using Multimedia Components (*school chosen unit—assessed independent coursework*)

Students will be able to develop and demonstrate their creative flair by combining multimedia components to create a vibrant, energetic or stimulating interactive PowerPoint product. The content will provide students with the skills to: design interactive products; create interactive products containing multimedia components; complete usability testing.

R007 Creating Dynamic Products Using Sound And Vision (*school chosen unit—assessed independent coursework*) Students can focus on developing their expertise in music, video or animation. They may create products such as a music recording and/or mix, video news clip or animation for a webpage. The content will provide students with the skills to: prepare for the production of dynamic products; create dynamic products; test and evaluate computer programs.

Unit	Assessment	Possible Marks	% Weighting of each element
Understanding computer systems	Written Exam Paper 1 hour	60	25%
Using ICT to create business solutions	Coursework	60	25%
Creating an interactive product using multimedia components	Coursework	60	25%
Creating dynamic products using sound and vision	Coursework	60	25%