

## ICT OCR CAMBRIDGE NATIONALS

### Qualification Aims and Learning:

This qualification will assess the application of ICT skills through their practical use. It will provide students with essential knowledge, transferable skills and tools to improve their learning in other subjects with the aims of enhancing their employability when they leave education, contributing to their personal development and future economic well-being.

The OCR Cambridge Nationals in ICT will equip students with sound ICT skills for everyday use and provide opportunities to develop in context those desirable, transferable skills such as planning, research and analysis, working with others or communicating technical concepts effectively. They will also challenge all students, including high-attaining students, by introducing them to demanding material and skills, encouraging independence and creativity.

### Course Structure:

The OCR Level 1/Level 2 Cambridge National Certificate in ICT consists of two compulsory units and two optional units.

#### Compulsory Units:

- Unit R001: Understanding Computer systems
- Unit R002: Using ICT to create business solutions

#### Optional Units

- Unit R003: Handling data using spreadsheets
- Unit R004: Handling data using databases
- Unit R005: Creating an interactive product using multimedia components
- Unit R006: Creating digital images
- Unit R007: Creating dynamic products using sound and vision
- Unit R008: Introduction to computer programming
- Unit R009: Exploring computer hardware and network
- Unit R010: Developing control systems
- Unit R011: Understanding technology – a project approach

The grades are awarded at Pass, Merit, Distinction and Distinction\*.

### Assessment

75% of the work is internally assessed portfolio-based work.

There is an externally assessed test which is 25% of the qualification. This can be re-sat and does not have to be done at the end of the course.

### Exam board OCR

#### Enquiries to Mr Perryman

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## **What is the difference between between ICT and Computing?**

*Computing refers to the processes used to create usable computer programs and applications together with all theory behind those processes, digging deeper into the computer and getting a more in depth understanding of how the computer works computers.*

*Information Technology on the other hand refers to the application of computer programs to solve business processes. It is the application of technology in business. Information Technology is very vast in terms of scale because it is applied virtually to any type of process that may require automation, from business, scientific research to the music industry, telecoms and banking.*