

Cambridge Nationals Certificate in Information Technologies

Course Outline:

This course will help develop your knowledge and understanding of the everyday use of ICT from PCs to smartphones and how these impact on business and society. It will provide you with a solid understanding of information technologies which you can use throughout your working life.

The Course is made up of 3 compulsory units of study:

Unit 1: IT in the Digital World

Unit 2: Data Manipulation using Spreadsheets

Unit 3: Using Augmented Reality to Present Information.

Topic 1: you will learn about design and testing concepts for creating an IT solution or product, and the uses of IT in the digital world

Topic 2: focuses on how to plan, design, create, test and evaluate a data manipulation spreadsheet solution to meet client's requirements.

Topic 3: you will learn how to design, create, test and review an Augmented Reality model prototype to meet a client's requirements.

Skills/attributes developed/required:

You will need to have the confidence to use a range of information technology that is currently available, as well as being adaptable and resilient enough to deal with the rapid advances taking place.

Studying Information Technologies will develop these skills:

Using IT to communicate effectively and data management techniques.

Examination Information

Exam Board: OCR

Exam: 40% Externally examined 60%. Internally assessed Coursework

Exam Outline:

The award is assessed through an examination for RO12, and OCR set coursework for RO13.

Where can it take me?

Next Steps: Students can use their practically acquired software skills and understanding of ICT theory to progress on to ICT related qualifications and working environments.

Future career opportunities that this subject may lead to:

ICT Industry, Software Development , System Analyst and Website Design.

What Key Skills will I gain by taking Information Technology?

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| <input checked="" type="checkbox"/> Analysing | <input type="checkbox"/> Independent Learning |
| <input type="checkbox"/> Communication - Verbal | <input type="checkbox"/> Independent Thinking |
| <input type="checkbox"/> Communication - Written | <input type="checkbox"/> Listening Skills |
| <input type="checkbox"/> Creative Thinking | <input checked="" type="checkbox"/> Presentation Skills |
| <input type="checkbox"/> Debating | <input checked="" type="checkbox"/> Problem Solving |
| <input checked="" type="checkbox"/> Decision Making | <input type="checkbox"/> Reading |
| <input checked="" type="checkbox"/> Evaluating | <input type="checkbox"/> Research |
| <input checked="" type="checkbox"/> Hands-On / Technical Skills | <input type="checkbox"/> Team Work |