



ICT AS/A LEVEL

Awarding Body

OCR

Who is the course for?

This course is for any learner who wants to develop the essential skills needed to apply ICT to the real world, for example presentation and project management skills.

What can it lead to?

The new specification provides an ideal foundation for learners who want to pursue ICT at degree level or as a career.

What are the entry requirements?

6 passes at A* -C including English and Maths

What will I Study?

Learners explore technologies, for example Bluetooth, broadband and global positioning systems as well as the history of computing and business uses.

How will I be taught?

The first examination unit is taught in theory classes with interactive teaching and group work in order to have everyone sit the examination in January. Re-sits are available in June.

How will I be assessed?

Exams - 2 hours each

AS – 60%

A2 Level – 60%

Coursework

AS – 40%

A2 Level – 40%

AS

G061: Information, Systems and Applications (exam) Topics covered in this unit include:

- Data, information, knowledge and processing;
- Software and hardware components of an information system; Characteristics of standard applications software and application areas; Spreadsheet concepts; Relational database concepts; Applications software used for presentation and communication of data; The role and impact of ICT – legal, moral and social issues.

G062: Structured Practical ICT Tasks

(coursework) This unit gives learners the opportunity to explore:

- Design; Software development; Testing; Documentation.

A2

G063: ICT Systems, Applications and

Implications (exam) In this unit, learners gain an understanding of:

- The systems cycle; Designing computer-based information systems; Networks and communication; Applications of ICT; Implementing computer-based information systems; Implications of ICT.

G064: ICT Project (coursework) Here learners explore:

- Definition, investigation and analysis; Design; Software development, testing and implementation; Writing Documentation; Evaluation of products.

What equipment or materials will I need?

Purchase of the course textbook is optional as comprehensive course notes will be given. It is useful to have a computer at home - either a Mac or PC.