

# **INTERNATIONAL ADVANCED LEVEL**

## Applied ICT

### **SPECIFICATION**

Pearson Edexcel International Advanced Subsidiary in  
Applied ICT (XIT01)

Pearson Edexcel International Advanced Level in Applied  
ICT (YIT01)

For first teaching in September 2016

First examination June 2017

## APPLIED ICT – AS LEVEL

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The academic option for ICT at LAUDE The Lady Elizabeth School is to complete the Edexcel Applied ICT AS.

### **Advanced Subsidiary ICT**

All Single Award Advanced GCE qualifications in this suite comprise six equally-weighted units and contain an Advanced Subsidiary subset of three AS units. The AS is the first half of a GCE course and contributes 50 per cent of the total Advanced GCE marks. The full A Level will be run at LAUDE The Lady Elizabeth School in the academic year 2007/08.

### **Who is the course for?**

The AS GCE (3-unit) provides an opportunity for learners to develop further as ICT end-users. End-users are those who use ICT, typically desktop applications, on a daily basis in a work role to enhance personal productivity, facilitate communication, enable collaborative working etc.

Each unit also has either an end-user or a practitioner focus. Practitioner-focused units require learners to demonstrate their ability to work with clients and end-users and produce products or services for someone else to use. In contrast, user-focused units assume that learners are using ICT for their own purposes and are not necessarily using ICT to produce something for someone else to use.

### **Units**

The three units covered are: *(They all have the same value)*

#### **Unit 1 – The Information Age (Coursework)**

The unit is a mixture of practical ICT activities – to do with designing and producing an e-book (a publication designed to be read on-screen) – and theory involving looking at different aspects of life in the Information Age. The first half of the scheme of work focuses on the theory and the second on the practical activities.

#### **Unit 2 – The digital Economy (Coursework)**

The unit is a mixture of practical ICT activities – to do with extracting useful information from data – and theory involving looking at the design of transactional websites and the back office processes that take place when an online purchase is made.

#### **Unit 3 – The Knowledge Worker (external exam)**

The unit is externally assessed and the examination will be based on a scenario and a model which will be supplied. Candidates will have access to the model and the scenario up to 3 working weeks prior to the exam, however no notes are allowed in the exam and the candidates must be supplied with a clean model.

## APPLIED ICT – A LEVEL

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This course is the second year of the A-Level course and follows on from the 3 unit AS level studied in year 12. Candidates must have successfully completed the AS level in Applied ICT to progress onto the Advanced GCE in Applied ICT.

### Units

The additional 3 units studied are:

#### **Unit 4 – Using Database Software (external exam)**

In this unit you will develop your knowledge of, and skills in using databases further. You will learn the principles of data modelling and database design as well as using relational database software to build a working database system capable of storing large quantities of data.

#### **Unit 5 – Managing ICT projects (coursework)**

This unit will introduce you to some formal project management tools and methods. You will be able to put into practice what you have learnt from previous units studied by setting up and running a small-scale software project.

*And one of the following units:*

#### **Unit 6 – Using Multimedia software (coursework)**

In this unit you will increase your understanding of the features and possibilities of tools and techniques required to produce well designed multimedia products that communicate your ideas effectively. Your work for this unit will culminate in the design, development and testing of an interactive multimedia product for a specified target audience.

#### **Unit 7 – Using Spreadsheet software (coursework)**

This is a user-focused unit. The knowledge and skills developed in this unit are particularly relevant to those who use advanced ICT skills on a daily basis at work or at school/college for personal, social and work-related purposes.

For further information please see: Mr S Altamira