

## **Edexcel IGCSE in Information and Communication Technology (ICT) (4IT0)**

### **Key subject aims**

The Edexcel IGCSE in ICT qualification enables students to:

- acquire and apply ICT skills, knowledge and understanding in a range of contexts
- develop ICT based solutions to address challenges and solve problems
- develop an understanding of ICT systems
- develop an understanding and awareness of current and emerging technologies
- develop an awareness of the legal, social, ethical and environmental consequences of the
- use of ICT systems for individuals, organisations and society
- recognize potential risks when using ICT and develop safe, secure and responsible practice.

### **About this specification**

#### **Key features and benefits of the specification**

- Modern relevant content which prepares students for Level 3 qualifications and the world of work.
- 100% examination – single assessment route allowing all students to demonstrate their knowledge, understanding and application of ICT.
- Assessed by a written and practical examination.
- Comprehensive and detailed description of subject content.
- Appropriate for students of various ages and from diverse backgrounds in terms of general education and life-long learning.

### **Specification at a glance**

This IGCSE qualification is comprised of two assessments:

- a written examination paper
- a practical examination paper.

<b>Paper 1: Written Paper</b>	<b>Paper code: 4IT0/01</b>
<ul style="list-style-type: none"> <li>Externally assessed</li> <li>Availability: June series</li> <li>First assessment: June 2011</li> </ul>	<b>50% of the total IGCSE marks</b>
<p>Overview of content</p> <ul style="list-style-type: none"> <li>ICT Systems</li> <li>Impact of ICT</li> <li>Use ICT Systems</li> <li>Find and Select Information</li> <li>Develop, Present and Communicate Information</li> </ul>	
<p>Overview of assessment</p> <ul style="list-style-type: none"> <li>The written paper is a one hour 30 minute examination paper, set and marked by Edexcel</li> <li>Single tier of entry</li> <li>The total number of marks available is 100.</li> </ul>	

<b>Paper 2: Practical Paper</b>	<b>Paper code: 4IT0/02</b>
<ul style="list-style-type: none"> <li>Externally assessed</li> <li>Availability: June series (one-week assessment window in May)</li> <li>First assessment: June 2011</li> </ul>	<b>50% of the total IGCSE marks</b>
<p>Overview of content</p> <ul style="list-style-type: none"> <li>Use ICT Systems</li> <li>Find and Select Information</li> <li>Develop, Present and Communicate Information</li> </ul>	
<p>Overview of assessment</p> <ul style="list-style-type: none"> <li>The practical paper is a three hour examination paper (including printing time), set and marked by Edexcel</li> <li>One-week examination window in May</li> <li>Single tier of entry</li> <li>The total number of marks available is 100.</li> </ul>	

## Progression

This qualification supports progression to:

- Applied GCE in ICT
- BTEC Nationals in IT Practitioners.

## Glossary

Below is a list of terms and abbreviations used in the subject content.

<b>CD</b>	- Compact Disc
<b>DVD</b>	- Digital Versatile Disc
<b>IP address</b>	- Internet Protocol address
<b>ISP</b>	- Internet Service Provider
<b>LAN</b>	- Local Area Network
<b>OCR</b>	- Optical Character Recognition
<b>OMR</b>	- Optical Mark Recognition
<b>PC</b>	- Personal Computer
<b>PIN</b>	- Personal Identification Number
<b>RAM</b>	- Random Access Memory
<b>ROM</b>	- Read-Only Memory
<b>VPN</b>	- Virtual Private Network
<b>WAN</b>	- Wide Area Network
<b>WEP</b>	- Wired Equivalent Privacy
<b>WPA</b>	- Wi-Fi Protected Access
<b>WWW</b>	- World Wide Web

## KEY DATES

Secure data files	Released to centres in last week in April	These must only be issued to candidates at start of the examination
Examination window	See examination timetable for relevant series	