

BTEC Level 3 Diploma in IT

>> Course Overview

The **BTEC Level 3 Diploma in ICT** is ideal if you prefer a more hands on approach to ICT with no exams. This course is designed to give students the technical knowledge, skills and understanding they need to use computers systems competently and equip students with some of the skills they will need in the workplace or in further education or training. It will promote teaching and learning through work-related contexts, provide a range of teaching, learning and assessment styles to motivate students to achieve their full potential.

All units studied over the 2 year course are assessed by producing a portfolio of evidence based around an assignment. Each unit is graded at a pass, merit or distinction and marks are aggregated to work out the final course mark.

>> Entry Requirements

- 5 or more A*-C grades including at least a L2 Merit or GCSE B in an IT related subject
- At least a grade C in English,
- A passion for ICT judged via an interview.

>> Course Structure

12 Units taken studied over 2 years including:

Unit 01: Communication and Employability Skills for IT (Mandatory Unit)

Learn both the personal attributes valued by employers and the principles of communicating effectively whilst developing effective communication skills and addressing your own personal development needs.

Unit 02: Computer Systems (Mandatory Unit)

Learn about the components of computer systems and develop the skills needed to recommend appropriate systems for business purposes and set up and maintain computer systems.

Unit 03: Information Systems (Mandatory Unit)

Learn how organisations use information and about information systems. Develop the skills necessary to produce management information.

Unit 09: Computer Networks

Learn key components of networked systems, network protocols and the services provided by network systems. Develop the skills required to ensure network security.

Unit 11: Systems Analysis and Design

Learn the principles of systems analysis and be able to analyse business requirements and design solutions to meet business needs.

Unit 18: Database Design

Learn features of relational databases and the skills to design, create, populate and test a relational database incorporating advanced features.

Unit 22: Developing Computer Games

Learn about different types of computer game, understand the impact gaming has on society and acquire the skills to be able to design, develop, test and document computer games.

Unit 28: Website Production

Learn about web architecture and the factors that affect its performance and to the skills to be able to design and create interactive websites.

Unit 48: Multimedia Authoring

Learn about the principles of interactive media authoring for CDs and DVD-ROMs, and skills in the practical application of those principles. You will plan a project for a CD or DVD ROM, and use the tools and features of interactive media authoring to complete the project.

A further 3 units will be selected depending on the interests of the group from the list of over 40 available

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