BTEC National level 3 Extended Certificate in Information Technology

Subject Overview

The ***BTEC Level 3 National Extended Certificate in Information Technology*** is an ideal course for IT and computing enthusiasts. A two-year course and qualification that could propel you into university study at degree level in the field of IT or Computing, or into work in the IT industry as a junior apprentice or IT technician.

The qualification is obtained over a continuous two-year period. You will take three mandatory units and one optional unit. The qualification consists of one written exam set and marked by Pearson, 1 task unit set and marked by Pearson, 1 assignment unit set and marked by Pearson and 1 optional unit set internally and marked internally by IT teachers.

Subject Information

Component /Unit/Exam paper	Title	Details
Unit 1	Information Technology Systems	**Externally Assessed Exam (Written paper)** • Demonstrate and apply knowledge and understanding of information technology terms, standards, concepts and processes • Select, analyse, use and evaluate information technologies and procedures to explore likely outcomes and find solutions to problems in context • Make connections between the application of technologies, procedures, outcomes and solutions to resolve IT problems
Unit 2	Creating Systems to Manage Information	**Externally Assessed Exam (Computer-based exam)** • Demonstrate knowledge of database development terminology, standards, concepts and processes • Apply knowledge and understanding of database development terminology, standards, concepts and processes to create a software product to meet a client brief • Analyse information about database problems and data from test results to optimise the performance of a database solution • Evaluate evidence to make informed judgements about the success of a database's design and performance • Be able to develop a database solution to meet a client brief with appropriate justification
Unit 3	Using Social Media in Business	**Internally Assessed, Externally Moderated** • Explore the impact of social media on the ways in which businesses promote their products and services • Develop a plan to use social media in a business to meet requirements • Implement the use of social media in a business
Unit 6	Website Development	**Internally Assessed, Externally Moderated** • Understand the principles of website development • Design a website to meet client requirements • Develop a website to meet client requirements.

What opportunities this course could lead to:

From games developer to manager of IT and communications services, you will have a range of opportunities open to you if you decide to study a computer science university course.

As most businesses rely on computers to function effectively, there are also opportunities within the IT departments of major organisations in sectors such as:

Aerospace and defence	Manufacturing
Agricultural	Public and third sectors
Financial services	Retail
Healthcare	Telecommunications

Alumni destinations

Previous Computing and IT students have become students at the following universities:

Surrey University
Leicester University
Queen Mary University
Kings College London

Course requirements

In order to study this course you must have achieved at least a level 5 in Maths, English and Science at GCSE. It would also be an advantage if you have an IT or computing qualification at GCSE or BTEC level 2.