
BTEC LEVEL 3 EXTENDED DIPLOMA IN IT

The BTEC Extended Diploma in Information Technology has been designed to provide you with a course that meets the entry requirements for progression to a degree course in Information Technology and related areas, such as Digital Technology Solutions, IT Management for Business, Computer Networks Security or Business Computing and Entrepreneurship. It offers students a more in-depth look at IT by providing on-going learning and assessment of the practical skills required in an IT career. This course is assessed through both internal and external assessment.

Examining Board
Edexcel

Specification
BTEC Level 3 National Extended Diploma

ENTRY REQUIREMENTS TO THE BTEC COURSE

Please see the Sixth Form Admissions Policy for the entry requirements to this course.

BTEC Extended Diploma

This equates to 3 A Levels and will require 15 hours per week lesson time. There are 13 units in total, 7 are mandatory of which 4 are externally assessed, and 6 optional units of work to achieve your qualification.

The BTEC Extended Diploma Course: 7 mandatory units

1. Information Technology Systems

This unit is a written examination set and marked by the exam board. This exam assesses your understanding of computer systems and the implications of their use in personal and professional situations. The exam is marked out of 90 and is a two hour examination.

2. Creating Systems to Manage Information

For this unit you will examine the structure of data and its origins, and how an efficient data design follows through to an effective and useful database. This unit of work is externally assessed by the exam board and is to be completed under supervised conditions for 10 hours, arranged over a number of sessions in a one-week assessment period timetabled by the exam board. The marks available for this unit of work are 66 and it will be completed using a computer and submitted electronically.

3. Using Social Media in Business

This unit of work is internally assessed and throughout this unit you will explore how businesses use social media to promote their products and services. You will also implement social media activities in a business to meet their requirements.

4. Programming

This unit of work is internally assessed and throughout you will study the underpinning concepts and implications of programming languages to design, develop and test computer programs.

5. IT Project Management

This unit of work is internally assessed. In this unit, you will investigate a range of project management principles and methodologies and undertake the management of a 'live' or 'simulated' IT project from start to finish.

6. Cyber Security and Incident Management

For this unit you will study cyber security threats and vulnerabilities, the methods used to protect systems against threats and how to plan for and manage security incidents. This unit of work is externally assessed by the exam board and is to be completed under supervised conditions for 9 hours, arranged in a three-week assessment period timetabled by the exam board. The marks available for this unit of work are 80 and it will be completed using a computer and submitted electronically.

7. IT Service Delivery

For this unit you will study the information technology (IT) service requirements of organisations and how to plan a solution for IT service delivery. This unit of work is externally assessed by the exam board and is to be completed under supervised conditions for 8 hours, arranged in a three-week assessment period timetabled by the exam board. The marks available for this unit of work are 68 and it will be completed using a computer and submitted electronically.

The optional units (units will be chosen from the following based on the needs of the students taking the course)

▪ Data Modelling ▪ Website Development ▪ Mobile Apps Development ▪ Computer Games Development ▪ Big Data and Business Analytics ▪ IT Technical Support and Management ▪ Software Testing ▪ Customising and Integrating Applications ▪ Cloud Storage and Collaboration Tools ▪ Digital 2D and 3D Graphics ▪ Digital Animation and Effects ▪ The Internet of Things ▪ Enterprise in IT ▪ Business Process Modelling Tools

COMPLEMENTARY SUBJECTS

All A Level courses are complemented by the Edexcel National Extended Diploma in IT Level 3 qualification. Many students find the skills developed assist in the research methods and presentation of work for other subjects. There is a Business Studies element to many of the units which makes this course ideal for those who wish to study ICT/Business at University.

CAREER AND UNIVERSITY OPPORTUNITIES

These qualifications are designed to enable students to either enter employment in an IT related career, or to progress onto university to study an IT or a business-related degree.