

Pearson Level 3 BTEC Nationals in Information Technology (Extended Certificate)

Curriculum content

Half term	Year 12	Year 13
Summer 2		Unit 3 Assignment – Part B & C <u>Unit 1</u> Digital Devices in IT systems Transmitting data
Autumn 1	<u>Unit 2</u> Database Features Database Design Techniques	Digital Devices in IT systems (continued) (including the impact on organisations) Transmitting data (continued) (including legal issues)
Autumn 2	Creating a Database Structure Searching Databases Database Interfaces Testing and evaluating a database solution	Operating Online (including online services and moral & ethical issues) Protecting data and information (including using & manipulating data, legal issues) Issues through the use of IT systems
Spring 1	Database Revision Unit 2 Exam <u>Unit 3</u> Social Media uses & features Unit 3 Assignment – Part A	Unit 1 Revision Unit 1 Exam Principles of Website Development Unit 6 Assignment – Part A
Spring 2	Planning a social media campaign Unit 3 Assignment – Part B	Web Design Software Skills & Tools Designing a website

	Implementing a social media campaign	Unit 6 Assignment – Part B
Summer 1	Unit 3 Assignment – Part C Unit 2 Revision Unit 2 Resit exam	Developing a website Unit 6 Assignment – Part C Unit 1 Resit Revision (if needed) Unit 1 Resit exam (if needed)

Skills

A Level 3 BTEC allows students to develop a range of practical and technical skills specific to IT, develop personal skills, which are necessary for occupational roles in the IT industry and apply generic skills they have learned over a period of time.

This includes:

- digital literacy skills to be able to successfully find, evaluate, create and communicate information;
- using a range of advanced techniques and skills, in a practical way, for a range of pieces of software;
- evaluative skills for complex concepts & ideas to make reasoned judgments;
- using analysis, research and evaluation skills to make recommendations;
- creativity skills to develop and produce original ideas for a problem;
- planning skills for a student's own learning and development through the activities;
- analytical skills to manipulate information and draw conclusions;
- thinking skills to apply divergent and lateral thinking in work-related contexts;
- presentation & communication skills to meet the needs of a variety of audience;
- team-working skills to develop approaches to working with and dealing with individuals and groups;
- problem solving skills to generate new or alternative solutions for a problem or scenario.

Assessment

This is a modular assessed course consisting of both external & internal assessments. The units are not weighted equally.

Year 12

Unit 2 – External Synoptic Assessment (25%)

Unit 3 – Internal Assessments – assignment based which are written to meet specific exam board criteria. (25%)

Year 13

Unit 1 – External Assessment (33%)

Unit 6 – Internal Assessments - assignment based which are written to meet specific exam board criteria. (17%)

All assessments are graded at Pass, Merit & Distinction level and awarded a number of points, based upon the grade. All points are cumulated to a final total, which equates to an overall grade.

Further details about the course can be found at: <https://qualifications.pearson.com/en/qualifications/btec-nationals/information-technology-2016.html>