

Year 12 and 13 BTEC Level 3 National in IT (2010)

Curriculum content

Half term	Year 12			Year 13		
	Unit 1	Unit 2	Unit 30	Unit 7	Unit 23	Unit 28
Summer 2				Threats to Systems	What is HCI? Impacts on economy, society & culture	How the Internet works Publishing a web site Assignment 1
Autumn 1	Employee Skills and Attributes Type of Communication Barriers to Communication Assignment 1	Computer Hardware Components Operating Systems Software Assignment 1	Graphics Hardware & Software Assignment 1 Graphics Software Skills	Threats to Systems (continued) Assignment 1 Security Measures	Assignment 1 Design principles of HCI Assignment 2	Design a web site Assignment 2
Autumn 2	Personal Development Plans Assignment 2 Communicating to an audience	Utilities software Computer System Specifications Assignment 2	Properties of Graphic images Assignment 2 Graphic Software Skills (continued)	Security Measures (continued) Assignment 2	Assignment 2 (continued) Designing HCI's Assignment 3	Creating a website Assignment 3

Spring 1	Personal Development Plans (continued) Assignment 2 Communicating to an audience (continued) Assignment 3	Installing Operating System Software Configuration of a Computer System Assignment 3	Editing graphic images Assignment 3	Organisational issues	Assignment 3 (continued) Creating HCI's Assignment 4	Assignment 3 (continued)
Spring 2	Personal Development Plans (continued) Assignment 2 Professional Development Learning Styles Assignment 4	Hardware and software maintenance Assignment 4	Creating graphic products Assignment 4	Organisational issues (continued) Assignment 3	Evaluating HCI's Assignment 5	Testing and improving a website Assignment 4
Summer 1	Completion of outstanding assignments	Hardware Upgrades Assignment 5	Legislation & Computer Graphics Assignment 5	Completion of outstanding assignments	Impact of future HCI developments Assignment 6	Completion of outstanding assignments

Skills

This 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 with internal assessments taking place throughout the course.

Each unit is assessed by a number of assignments, each of which are written to meet specific exam board criteria.

Assignments 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.

There are no examined units for this course.

Further details about the course can be found at: <https://qualifications.pearson.com/en/qualifications/btec-nationals/it-2010.html>