

BTEC First Certificate in Information & Creative Technology – Long term



The course has been designed primarily for young people who want a vocationally focused introduction to this area of study. The course provides the skills, knowledge and understanding to progress to:

- other level 2 vocational qualifications; level 3 qualifications, such as the BTEC National in Information Technology (AAQ)
- academic qualifications, such as GCSE or GCE A Level
- employment within the information technology and/or areas within the creative industries, such as electronic publishing or multimedia production.

Timeline	Topic	Knowledge & Skills	Assessment
Sep — Dec	Unit 01 The Online World	Investigate: <ul style="list-style-type: none"> ✓ online services and online communication ✓ components of the Internet and how digital devices exchange and store information ✓ issues with operating online. 	External; online exam
Sep — Dec	Unit 9 Spreadsheet Development	<ul style="list-style-type: none"> ✓ Understand the uses of spreadsheets and the features available in spreadsheet software packages ✓ Design a spreadsheet ✓ Develop and test a spreadsheet ✓ Review the finished spreadsheet. 	Internal; four assignments.
Sep — Feb	Unit 18 Computational Thinking	<ul style="list-style-type: none"> ✓ Understand mathematical methods for calculations and their uses in computational thinking ✓ Understand mathematical methods for functions and Boolean operations and their uses in computational thinking ✓ Apply computational thinking to solve a simple problem. 	Internal; four assignments.
Sep — May	Unit 20 Building a Personal Computer	<ul style="list-style-type: none"> ✓ Understand the uses, costs and specifications of different personal computers (Sep) ✓ Produce a plan to build a personal computer (Oct) ✓ Build and test a personal computer. (On-going from Nov to May) 	Internal; three assignments.
Jan — May	Unit 13 Website Development	<ul style="list-style-type: none"> ✓ Understand the uses and features of websites ✓ Design, develop, test a website; review the finished website. 	Internal; four assignments.

Timeline	Topic	Knowledge & Skills	Assessment
Jan — Apr	Unit 02 Technology Systems	Understand: <ul style="list-style-type: none"> ✓ how the components of technology systems work together; different types of software. ✓ how data flows between internal components of a computer and is processed to provide information 	External; online exam
Feb — May	Unit 03 A Digital Portfolio	<ul style="list-style-type: none"> ✓ Design, create and test a digital portfolio. ✓ Review the digital portfolio. 	Internal; one assignment.

The course ends in May half-term.