

Comparing unit content

BTEC Level 2 Technical Diploma in **Design Production**

BTEC Level 2 Technical Diploma in Design Production
NQF BTEC Extended Certificate



Introduction to BTEC Level 2 Technical Diploma in Design Production

This table maps the content of the new BTEC Level 2 Technical Diploma in Design Production (RQF), shown in the left hand column, against the content of the current [NQF BTEC Extended Certificate] in the right hand column.

This mapping will help you transition from one specification to the other by highlighting where there are changes in content, particularly where there is new content which will need to be delivered to help your learners prepare for the new assessment.

In order to make the table easy to use and to demonstrate new content we have used a ‘traffic lights’ colour scheme as follows:

GREEN - covered. In this case the content in the Level 2 Technical is very close indeed to the existing [NQF BTEC Extended Certificate]. In the right hand column the title of the relevant unit and learning outcome (LO) is identified.

YELLOW - partially covered. In this case the content is partially covered, perhaps in learning outcomes in more than one unit from the [NQF BTEC Extended Certificate]. Where there is some additional knowledge, this is stated in the left hand column under the heading **NEW CONTENT**

RED - not covered. In this case the content in the BTEC L2 Technical is new. It will appear in the left hand column so you can see immediately what you will need to teach.

Purpose of the qualification:

Who is the qualification for?

This qualification is for learners who want to start a career in design. It is designed for post-16 learners and can be taken as part of a wider study programme. It is an ideal qualification for learners intending to progress directly to employment in design or a design-related industry, or via a creative Apprenticeship or further technical education.

What does the qualification cover?

This qualification has been developed in consultation with employers in the design sector of the creative industries to ensure learners develop the skills and behaviours that will give them the best opportunity to be successful when applying for work.

The qualification allows learners to learn about design through practical vocational projects where they apply design thinking and production techniques to develop designs, both collaboratively and individually. This enables them to gain skills in teamwork and communication, as well as learn about technical production skills.

At the end of the qualification, learners will understand the design process and be able to take a concept through to realisation. They will understand through practical engagement the work that goes into design and realising design. The qualification develops understanding and technical skills through mandatory units covering the following.

- Unit 1: Introduction to Design Thinking – explores design thinking methods through practical workshops and projects.
- Unit 2: Introduction to Design Production Techniques – develops practical skills in design production techniques and processes, used in the design industries. This enables learners to gain the making skills to produce design ideas and prototypes.
- Unit 3: Working with Client Briefs – explores the requirements of client briefs used in the design industries and how to integrate feedback into designs, with reference to a target market. This enables learners to gain the skills to plan, pitch and present design ideas that address the needs of the market to a client.
- Unit 4: Design Realisation – develops practical skills in producing design prototypes and realising designs within design constraints. This enables learners to further develop their knowledge and experience with design production techniques to refine and realise design proposals.
- Unit 5: Developing a Design Portfolio – develops the skills and knowledge needed to produce a design portfolio to support further progression in this field. This unit is designed to build on the skills learners have gained through the qualification.
- Unit 6: Creative Design Project – explores the skills needed to develop and produce a design in response to an externally-set creative brief.

The qualification enables learners to build knowledge about the sector and increases their levels of independence and employability; this is achieved through units that build behaviours and attitudes needed to succeed in the creative industries, while developing their technical skills. Learners will also enhance their broader skills in literacy and numeracy, which will be invaluable in supporting progression in other areas.

Qualification structure

Pearson BTEC Level 2 Technical Diploma in Design Production				
Unit number	Unit title	GLH	Type	How assessed
1	Introduction to Design Thinking	60	Mandatory	Internal
2	Introduction to Design Production Techniques	60	Mandatory	Internal
3	Working with Client Briefs	60	Mandatory	Internal
4	Design Realisation	60	Mandatory	Internal
5	Developing a Design Portfolio	30	Mandatory	Internal
6	Creative Design Project	90	Mandatory	External

BTEC Level 2 Technical Diploma in Design Production		NQF BTEC Extended Certificate	
Unit 1 – Introduction to Design Thinking			
Learning Aims			
A Identify design needs		New Content	
B Explore design ideas		New Content and partial coverage, see details below	
C Present a design proposal.		New content and partial coverage, see details below	
Unit Content			
Knowledge and sector skills			
Learning aim A Identify design needs			
A1 Exploring open propositions		New content requiring experimentation and reflection	
A2 Learning from people		New content requiring working with user groups and others in innovative ways, both digital and in person	
A3 Finding patterns and capturing observations		Mostly new content requiring pattern identification and observation although there is partial coverage in Unit 2 Learning Aim A with mind mapping etc	
Learning aim B Explore design ideas			
B1 Developing responses to a design problem		New content requiring response to a design ‘problem’- similar to issues with ‘design briefs’ but essentially different so please read the unit content carefully	
B2 Gathering feedback and refining ideas		Some new content and some partial coverage – gaining feedback and refining has been part of the earlier qualification in the specialist brief units but there are particular areas here required from the unit content which will need to be covered	

Covered

Partially covered

Not covered

Learning aim C Present a design proposal	
C1 Developing proposals	Some new content and some partial coverage from Unit 1 Learning Aim B and the specialist client brief units
Unit 2 – Introduction to Design Production Techniques	
Learning Aims	
A Explore design production techniques	Partial coverage- see details below for each specific part of this learning aim
B Refine design production techniques	Some new content and partial coverage-see details below for each specific part of this learning aim
C Produce a record of design production techniques.	Partial coverage- see details below for each specific part of this learning aim
Unit Content	
Knowledge and sector skills	
Learning aim A Explore design production techniques	
A1 Exploring production techniques and processes in relation to design sector	Units 3 and 4 Learning Aim A contain aspects of this Learning Aim.
A2 Using production techniques in relation to design principles	Units 3 and 4 Learning Aim A contain aspects of this Learning Aim
Learning aim B Refine design production techniques	
B1 Studio work	Partially covered in practical exploration work in Learning Aim A units 3 and 4
B2 Quality control	New content dealing with specific aspects of quality control, testing and feedback

Covered

Partially covered

Not covered

Learning aim C Produce a record of design production techniques	
C1 Prototyping materials, techniques and processes in relation to design sector	Partially covered in units 3 and 4 Learning Aim C, partially covered also in specialist client brief units Learning Aim B.
C2 Presenting information	Partially covered in Learning Aim D of specialist client brief units
Unit 3 – Working with Client Briefs	
Learning Aims	
A Understand the content and constraints in client briefs	Partial coverage- see details below for each specific part of this learning aim
B Explore initial responses to client briefs	Partial coverage- see details below for each specific part of this learning aim
C Define a proposal in response to a client brief.	Partial coverage and some new content- see details below for each specific part of this learning aim.
Unit Content	
Knowledge and sector skills	
Learning aim A Understand the content and constraints in client briefs	
A1 Requirements of the client brief	Partially covered by Learning Aim C in the specialist client brief units 9, 10, 11, 12, 13 etc
A2 Design opportunities	Partially covered by Learning Aim B in the specialist client brief units 9, 10, 11, 12, 13 etc
Learning aim B Explore initial responses to client briefs	
B1 Exploring products	Partially covered by Learning Aim B in the specialist client brief units 9, 10, 11, 12, 13 etc
B2 Exploring processes	Partially covered by Learning Aim B in the specialist client brief units 9, 10, 11, 12, 13 etc

Covered

Partially covered

Not covered

Learning aim C Define a proposal in response to a client brief

C1 Refining ideas

Partially covered by Learning Aims C and D in the specialist client brief units 9, 10, 11, 12, 13 etc. New content in the form of tests, critiques and collected feedback required

C2 Defining a proposal

Partially covered by Learning Aims C and D in the specialist client brief units 9, 10, 11, 12, 13 etc

Unit 4 – Design Realisation
Learning Aims

A Explore design production techniques to develop responses to design proposals

Partial coverage- see details below for each specific part of this learning aim

B Refine design prototypes

Partial coverage- see details below for each specific part of this learning aim

C Present a final design realisation

Partial coverage and new content- see details below for each specific part of this learning aim

Unit Content
Knowledge and sector skills

Learning aim A Explore design production techniques to develop responses to design proposals

A1 How to respond to a design need or opportunity

Partially covered in specialist client brief units and by Learning Aim C in units 3 and 4

A2 Suitability of techniques for the intended purpose

Partially covered by Learning Aim B in specialist client brief units and Learning Aim B units 3 and 4

Learning aim B Refine design prototypes

B1 How to develop design, addressing constraints

Partially covered by Learning Aim B in specialist client brief units with extra detailing required

Covered
Partially covered
Not covered

B2 Refine prototypes and design solutions	Partially covered by Learning Aim C in specialist client brief units with extra practical detailing required
Learning aim C Present a final design realisation	
C1 How to target a specific audience	Partially covered by Learning Aims in specialist units and with new content of appropriate application of digital technology and future global changes etc
Unit 5 – Developing a Design Portfolio	
Learning Aims	
A Design a portfolio to support progression	Partial coverage- see details below for each specific part of this learning aim
B Present a portfolio and get feedback.	Partial coverage- see details below for each specific part of this learning aim
Unit Content	
Knowledge and sector skills	
Learning aim A Design a portfolio to support progression	
A1 Defining progression aims	New content requiring the identification of the specific progression related to the proposed portfolio
A2 Portfolio design	Partially covered in Unit 5 Learning aims A & B
Learning aim B Present a portfolio and get feedback	
B1 Presenting a portfolio	Partially covered in Unit 5 Learning Aim B
B2 Collecting and reviewing feedback	Partially covered in Unit 5 Learning Aim C

Unit 6 – Creative Design Project	
Assessment Outcomes	
AO1 Demonstrate understanding of a design brief through selection of relevant research	Covered- see details below for each specific part of this learning aim
AO2 Generate, plan and outline design ideas, informed by research, in response to a brief	Partial coverage- see details below for each specific part of this learning aim
AO3 Develop and refine design work through exploration of design production techniques and processes	Covered- see details below for each specific part of this learning aim
AO4 Apply design skills to communicate a final design that addresses the requirements of a brief	Covered- see details below for each specific part of this learning aim
Essential Content	
A Researching the brief	
A1 Understanding the requirements of the brief	Covered in Unit 2 Learning Aim A and the specialist client brief units
A2 Undertaking research	Covered in Unit 2 Learning Aim A and the specialist client brief units
A3 Selecting information	Covered in Unit 2 Learning Aim A and the specialist client brief units
B Statement of intent	
B1 Generating initial ideas	Covered in Unit 2 Learning Aim A and the specialist client brief units
B2 Selecting ideas in response to a design brief	Covered in Unit 2 Learning Aim A and the specialist client brief units
B3 Preparing a statement of intent	New content requiring a specific 'statement of intent' – please see the unit content for details

Covered

Partially covered

Not covered

C Developing and refining ideas	
C1 Exploring design production techniques	Covered in Unit 2 Learning Aim A and the specialist client brief units
C2 Developing and refining creative work	Covered in Unit 2 Learning Aim B and the specialist client brief units
D Producing the final design	
D1 Producing the final design	Covered in Unit 2 Learning Aim B and the specialist client brief units
D2 Selecting work	Covered in Unit 2 Learning Aim B and the specialist client brief units
D3 Presenting work	Covered in Unit 2 Learning Aim B and the specialist client brief units