BTEC Level 2 Technicals for IT Sectors


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Built on BTEC’s tried-and-trusted ‘learn-by-doing’ approach, the new courses help post-16 learners stand out from the crowd with the skills they need to start and succeed in their careers. Employers and industry bodies have helped us design your BTEC Level 2 Technicals, so you have the content and approach to prepare learners for wherever their next steps may lead.
Employers and professional bodies back the new courses because learners...

- Cover vital industry knowledge employers say learners need within mandatory units.
- Specialise with optional units (where applicable).
- Draw on and apply all their learning to a real-life situation in the synoptic final unit.
- Focus on developing competency in key sector skills.
- Must achieve at least a Pass in every unit so they’re confident they’ve mastered the basics they need to succeed.
- Explore essential professional behaviours for the workplace.
- Have plenty of opportunities to engage with local employers, workplace-based activities, guest lectures and have practitioners setting and marking assignments.
- Showcase what they know and can do in different types of assessments based on real-life scenarios.
- Have evidence of applying what they know to tasks they’ll tackle every day in their chosen career.

Your BTEC Level 2 Technicals at a glance
from September 2017

What are they?

- Level 2 courses in various sectors
- For post-16 learners
- Designed with input from tutors, employers and professional bodies
- Developed to meet performance measures in England

How do they work?

- BTEC’s tried-and-trusted learn-by-doing approach means your learners

Where can they lead?

- Employment
- Apprenticeship
- Further technical study at level 3
IT support is vital to ensuring that organisations’ digital products, services and systems work effectively. We’ve designed BTEC Level 2 Technicals for IT so your learners can get set for success in their chosen field.

Explore the courses...

- **BTEC Level 2 Technical Certificate in IT Support**
  - 240 GLH
  - [Page 8](#)

- **BTEC Level 2 Technical Diploma in Digital Technology - Digital Applications Pathway**
  - 360 GLH
  - [Page 10](#)

- **BTEC Level 2 Technical Diploma in Digital Technology - Data Management Pathway**
  - 360 GLH
  - [Page 12](#)

- **BTEC Level 2 Technical Diploma in Digital Technology - Networking and Security Pathway**
  - 360 GLH
  - [Page 14](#)
Next steps for your learners...

Equipped with the skills, knowledge and experience to succeed in the IT sector, BTEC-qualified candidates can choose where they go next.

**Apprenticeship**

**Employment**

**Level 3 study**

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**Unit 1:**
Set Up and Configure Technology Systems

60 GLH Practical assignment (internal – set and marked by your centre)

**Mandatory**

**Unit 2:**
Exploring Current and Emerging Technologies

60 GLH Practical assignment (internal – set and marked by your centre)

**Mandatory**

**Unit 3:**
Security Protection and Risk Management

60 GLH On-screen test (external – set and marked by Pearson)

**Mandatory**

**Unit 4:**
Working as an IT Support Technician

60 GLH Synoptic practical assignment (internal – set and marked by your centre)

**Mandatory**


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Like what you see?
There's more to explore...

**Specification**
quals.pearson.com/BTEC/L2TechnicalITGuide

**More courses**
quals.pearson.com/BTEC/L2TechnicalGuide

**Assessment**
See page 16

**Support**
See page 18

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Supported by BT, CompTIA, The Tech Partnership, UKITA (UK IT Association)
BTEC Level 2 Technical Diploma in Digital Technology (Digital Applications)

Learners will need to complete and achieve all units.

Unit 1: Set Up and Configure Technology Systems
Unit 2: Exploring Current and Emerging Technologies
Unit 3: Security Protection and Risk Management
Unit 4: IT Service Solutions
Unit 5: Digital Application Development
Unit 6: Organisational Uses for Digital Media Systems

Mandatory
60 GLH Practical assignment (Internal – set and marked by your centre)
Mandatory
60 GLH Synoptic practical assignment (Internal – set and marked by your centre)
Mandatory
60 GLH Practical assignment (Internal – set and marked by your centre)
Mandatory
60 GLH On-screen test (external – set and marked by Pearson)
Mandatory
60 GLH Practical task (external – set and marked by Pearson)
Mandatory
60 GLH Practical assignment (Internal – set and marked by Pearson)

Like what you see? There’s more to explore...

Specification
quals.pearson.com/BTEC2TechnicalDigitalTechGuide

More courses
quals.pearson.com/BTEC2TechnicalGuide

Assessment
See page 16

Support
See page 18

Next steps for your learners...

Equipped with the skills, knowledge and experience to succeed in the IT sector, BTEC-qualified candidates can choose where they go next.

Apprenticeship
Employment
Level 3 study
BTEC Level 2 Technical Diploma in Digital Technology (Data Management)

Learners will need to complete and achieve all units.

Unit 1: Set Up and Configure Technology Systems

Unit 2: Exploring Current and Emerging Technologies

Unit 3: Security Protection and Risk Management

Unit 5: IT Service Solutions

Unit 6: Database Tools and Techniques

Unit 9: Organisational Data Systems

Next steps for your learners...

Equipped with the skills, knowledge and experience to succeed in the IT sector, BTEC-qualified candidates can choose where they go next.

- Apprenticeship
- Employment
- Level 3 study

Like what you see?
There’s more to explore...

Specification
quals.pearson.com/BTEC2TechnicalGuide

More courses
quals.pearson.com/BTECL2TechnicalGuide

Assessment
See page 16

Support
See page 18
BTEC Level 2 Technical Diploma in Digital Technology (Networking and Cybersecurity)

Learners will need to complete and achieve all units.

- **Unit 1**: Set Up and Configure Technology Systems
- **Unit 2**: Exploring Current and Emerging Technologies
- **Unit 3**: Security Protection and Risk Management
- **Unit 5**: IT Service Solutions
- **Unit 8**: Networking Tools and Applications
- **Unit 11**: Installing and Maintaining Networks

### Assessment

- **Unit 1**: 60 GLH Practical assignment (Internal – set and marked by your centre)
- **Unit 2**: 60 GLH Practical assignment (Internal – set and marked by your centre)
- **Unit 3**: 60 GLH On-screen test (External – set and marked by Pearson)
- **Unit 5**: 60 GLH Practical task (External – set and marked by Pearson)
- **Unit 8**: 60 GLH Practical assignment (Internal – set and marked by your centre)
- **Unit 11**: 60 GLH Synoptic practical assignment (Internal – set and marked by your centre)

### Next steps for your learners...

Equipped with the skills, knowledge and experience to succeed in the IT sector, BTEC-qualified candidates can choose where they go next.

- Apprenticeship
- Employment
- Level 3 study

### Like what you see?

There’s more to explore...

- **Specification**: quals.pearson.com/BTEC2TechnicalDigitalTechGuide
- **More courses**: quals.pearson.com/BTEC2TechnicalGuide
- **Assessment**: See page 16
- **Support**: See page 18
Assessments

Set and marked by you (internal assessment)

▶ The well-known BTEC assessment style.
▶ Resubmission of evidence (to improve grade) may be allowed within 15 days of learners receiving their original grade.
▶ If a submission or resubmission is not passed, one retake of a new assignment capped at Pass level may be allowed.

Task

Set and marked by Pearson (external assessment)

▶ Completed in controlled conditions.
▶ Available four times a year from January 2018.
▶ One resit is allowed.

On-screen test

Set and marked by Pearson (external assessment)

▶ A range of question types (including multiple-choice and short-answer questions) taken in controlled conditions. Available on demand from January 2018.
▶ One resit is allowed.

Grading

A learner’s final grade reflects their achievements across all units in their BTEC Level 2 Technical course.

▶ Every unit is individually graded as Pass, Merit or Distinction and this grade is then converted to a point score.

▶ The total points scored across all units make up the final qualification grade.

▶ To achieve an overall qualification grade, learners must gain at least a Pass grade in all units. This means that tutors and employers can be confident that learners have understood and mastered the key technical and transferable skills, and industry knowledge to progress with their next steps.

Example of qualification grade calculation for BTEC Level 2 Technicals

<table>
<thead>
<tr>
<th>Unit</th>
<th>Type</th>
<th>Grade</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>60</td>
<td>External</td>
<td>Merit</td>
</tr>
<tr>
<td>2</td>
<td>60</td>
<td>External</td>
<td>Merit</td>
</tr>
<tr>
<td>3</td>
<td>60</td>
<td>Internal</td>
<td>Distinction</td>
</tr>
<tr>
<td>4</td>
<td>60</td>
<td>Internal</td>
<td>Distinction</td>
</tr>
<tr>
<td>5</td>
<td>60</td>
<td>Internal</td>
<td>Distinction</td>
</tr>
<tr>
<td>6</td>
<td>60</td>
<td>Internal</td>
<td>Distinction</td>
</tr>
</tbody>
</table>

Unit GLH Type Grade Points

360 DD

The learner has sufficient points for a DD grade.

Note: Assessments will vary for each course. See your specifications for more assessment details.
To help you and your learners every step of the way, we’re developing the course materials you need and more of what you’ve told us you value most.

Whether you’re an experienced BTEC tutor or are new to the suite, there’ll soon be free content and published resources* to help you plan, teach and prepare for assessment, as well as training events to get you set for the new courses.

Your Subject Advisor, Tim Brady, is also there to answer your queries about the new courses:

TeachingICT@pearson.com
@PearsonICT
020 7010 2161

* You don’t need to buy published resources from Pearson to deliver the qualifications.

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**Support and Resources**

Support and resources

We’re developing free support and published resources for the BTEC Level 2 Technicals for IT to help you and your learners make the most of the new courses.

### Plan
Get to know your courses

- Specification
- Sample Assessment Materials
- Introductory Guides

### Teach
Support for teaching and learning

- Scheme of Learning
- Delivery Plans

### Assess and Track
Progress monitoring and preparation for assessments

- Guidance
  - Quality Assurance Handbook
  - Standardisation Training
  - Standards Verifier Visit
  - Quality Review Visit
  - Examples of the Standard
  - Authorised Assignment Briefs
  - Sample Marked Learner Work

- Templates and Tools
  - myBTEC: Assignments Wizard
  - myBTEC: Progress Tracking

There are also published resources for the new BTEC Level 2 Technicals*

- Skills and Knowledge Handbooks from Pearson
- Print and digital (ActiveBook) versions coming soon

* You don’t need to buy published resources from Pearson to deliver the qualifications.
Next steps

Like what you see?

- Explore the specifications and sample assessment materials
  quals.pearson.com/BTECL2TechnicalsGuide

Be the first to know the latest news!

- Sign up for email updates at:
  quals.pearson.com/BTECL2TechnicalsUpdateGuide
- Follow us
  @teachBTEC

Ask away...

If you’ve got any questions about the new courses, your Subject Advisor is here to help:

Tim Brady, IT Subject Advisor
TeachingICT@pearson.com
@PearsonICT
020 7010 2161

Information correct at time of publication but subject to change.