

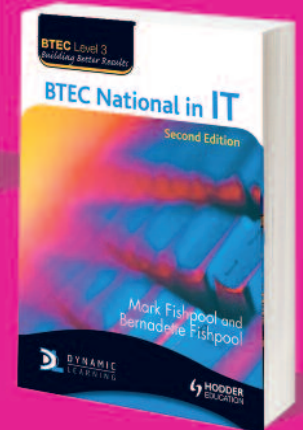
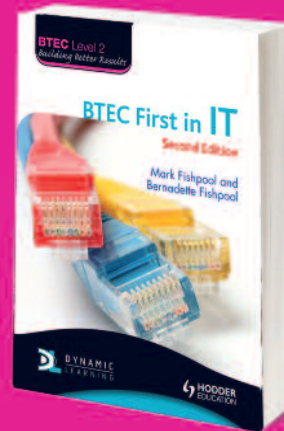
**BTEC Level 2** **BTEC Level 3**  
*Building Better Results*

We are working with Edexcel to  
produce endorsed textbooks for  
BTEC Level 2 and 3 IT

Get better results for your BTEC students with our brand new  
**BTEC** resources...

*Building Better Results by...*

- Ensuring teachers get the **very best support** from an outstanding team of BTEC experts
- Including clear indication of **Pass, Merit and Distinction** with signposted activities and assignments
- Providing more **practical case studies** to relate students learning and assessment to the real world of work
- Elevating lessons with **high-quality digital** Dynamic Learning resources – anytime, anywhere!



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# Are you looking for flexible and time-saving resources to help you teach the new BTECs?

Then look no further than our BTEC teacher and student resources!

## BTEC Level 2 First in IT, 2nd Edition



This new edition of our popular Student's Book is designed to engage and motivate BTEC First students so they can take control of their learning and be clearly guided towards reaching a Pass, Merit or Distinction grade.

The authors have many years of experience teaching and verifying BTEC qualifications, and have made sure the language is clear for those without an ICT specialist background ensuring every student is involved in class activity and discussion.

The Student's Book is a practical and vocationally orientated resource that includes task-based activities and assignments as well as clear learning goals to give your students the right support to get them the best possible results.

**Get 30% off  
BTEC IT  
resources!**

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for more details.

### How will this book help your students get better results?

- **'Key Terms'** help explain unusual or technical terms in an accessible format
- A **clear layout** that follows the specification and gives suggested further reading material to extend their knowledge further
- **Vocational case studies** are included and help enhance students' assignments
- **Weblinks** throughout direct students to areas of interest where they can discover more for themselves

cut-out hole

978 1 444 11050 0 Aug 2010 £19.99

Visit [www.dynamic-learning.co.uk](http://www.dynamic-learning.co.uk) to sign up for a free trial.

Clear grade indicators throughout the Student's Book remind students what level is gained after completing the task

Quizzes are a fun way to get students to learn key facts

8

### Recording Your Progress

In order to achieve each unit, you will complete a series of coursework activities. Each time you hand in work, your tutor will return this to you with a record of your achievement.

This particular unit has 8 criteria to meet: 5 Pass, 2 Merit and 1 Distinction.

- **For a Pass:** you must achieve all 5 Pass criteria.
- **For a Merit:** you must achieve all 5 Pass and both Merit criteria.
- **For a Distinction:** you must achieve all 5 Pass, both Merit and the single Distinction criterion

To achieve a pass grade the evidence must show that the you are able to:	To achieve a merit grade you must be able to:	To achieve a distinction grade you must be able to:
<b>P1</b> using examples, describe the advantages and disadvantages of computerised databases	<b>M1</b> explain the choice of fields, data types and primary key in database	<b>D1</b> justify the choices of datum, work-holding equipment and measurement techniques used to mark out the three different applications
<b>P2</b> design, create and check a single table database that meets a defined user need, using at least three different data types	<b>M2</b> explain the importance of data integrity and how it can be maintained with reference to a particular database	
<b>P3</b> produce reports based on database queries to meet a defined need		
<b>P4</b> create and use data entry forms		
<b>P5</b> produce technical documentation for a database		

So that you can monitor your own progress and achievement in each unit, a recording grid has been provided (see the Progress check section at the end of this unit).

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### Quiz

1. Name three advantages and three disadvantages of using databases.
2. Name two of the four database objects.
3. Name the four primary data types.
4. What does validation do?
5. Which view does the user use to input data into a table (if there is no input form)?
6. What is the default field size for text?
7. What is an input mask?
8. Give the most common example where input masks are used.
9. What does a list box do and why are they used?
10. What does a Wizard do?
11. What is a caption?
12. What does a query do?
13. What is a footer? Give an example of something you might find in a footer.
14. What is landscape view?
15. What is portrait view?

### Coursework Guidance

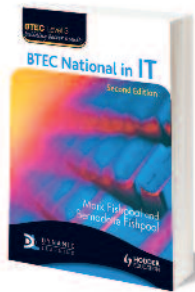
This unit is largely practical in that you need to demonstrate that you can use the basic functionality of a database. You will be asked to design a database, create database objects such as tables, forms and reports, and produce technical documentation.

For this unit, the Merit and Distinction criteria are awarded for demonstrating your ability to justify your choices, explain why data integrity is important in database design and stating how integrity can be maintained, and finally through recommending further improvements that could be made to your database. At this level you will be expected to be using shortcuts (Wizards, list boxes, etc.).

Clear instructions on how to prepare assignments to the required BTEC standards

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## **BTEC Level 3 National in IT, 2nd Edition**



Written by authors with a wealth of experience in delivering, verifying and writing for BTECs, this brand new textbook contains all the key content and practical tips you and your students need for the new Level 3 BTEC National specification.

Task-based with practical tips and ideas, the Student's Book gives students a simplified route to developing their assignments so they understand exactly how to get the results they want. There are lots of activities within the book that stretch and challenge students to remember key facts they need to know to complete the Certificate, Subsidiary Diploma or Diploma qualification.

### **How will these books help your students get better results?**

- **'Further reading'** references guide students to topics/themes that they can explore further to enhance their portfolios
- **Activities** to reinforce knowledge and practice skills
- **Colour screenshots**, photographs and illustrations keep your students enthused and help to reinforce key terms
- **'Scorecards'** summarise key ideas, making complex topics easier to understand

978 1 444 11051 7 Aug 2010 £23.99

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Dynamic Learning is the ultimate teaching and learning resource. Combining award-winning quality content with easy-to-use tools, it supports teachers and encourages students to develop, progress and achieve.

## Dynamic Learning

These easy-to-use digital resources complement the BTEC Level 2 and BTEC Level 3 Student Books and include:

- Teacher notes and assessment guidance for each chapter and task ensuring you have all the support you need to assess student outcomes
- Sample code to help with structured tasks and project work
- Interactive activities and case studies that can be used as lesson starters or set as homework tasks
- PowerPoint presentations, lesson planning frameworks and ideas
- Illustrations from the book to help with classroom teaching
- An extensive source library of screen recordings, word files, weblinks and PDFs so you can mix and match the resources as you wish!

### Anytime, anywhere access

Dynamic Learning is delivered via the web so you can access it whenever and wherever you want. There's no complicated installation process and no technical know-how is needed – simply log on and away you go! Your students will also enjoy the flexibility of being able to complete homework and tests online wherever and whenever they want too, whether it's the computer lab, the library or at home.





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[www.dynamic-learning.co.uk](http://www.dynamic-learning.co.uk)

### Interactive and integrated solutions

With the powerful Lesson Builder you can play our ready-made lessons, edit and customise them however you wish and even integrate your own digital resources. You can also upload Dynamic Learning resources into your VLE if you prefer to use them in there (they are all pre-tagged to save you time). And with built-in homework and revision tools, Dynamic Learning helps you to save valuable time.

### Ease of use and continual support

With an intuitive and clear layout, it's easy for anyone to start using Dynamic Learning. But if you need us we'll work with you so that you're supported every step of the way; with staff training and technical assistance always available to help you get the most out of Dynamic Learning.

### High quality, up-to-date content

Dynamic Learning gives you the highest quality content that has been written by educational experts and is proven to work in the classroom. What's more, you can relax safe in the knowledge that the content is always up-to-date with current curriculum and specification changes.

## Our authors

Experienced BTEC and educational professionals have written our new BTEC 2010 resources so you can be confident they know exactly what is needed to get better results.

**Mark Fishpool** is Head of Department at Gloucestershire College; a Centre of Vocational Excellence for IT Services.

**Bernadette Fishpool** is a Curriculum Development Manager for a leading Awarding Organisation and is an experienced ICT and Business lecturer.

*Building better results*