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DIGITAL TECHNOLOGY



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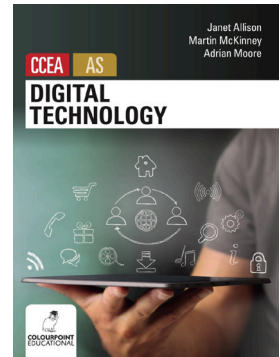
DIGITAL TECHNOLOGY

FOR CCEA AS

AS

Prof Martin McKinney, Janet Allison, Dr Adrian Moore

- Written for the **current AS Level CCEA Digital Technology** specification.
- Covers unit **AS 1: Approaches to System Development** and **AS 2: Fundamentals of ICT**.
- Illustrated with diagrams and photographs.
- Includes **tasks and exercises, examples and case studies**.



Contents:

- Unit AS 1: Approaches to Systems Development
 - 1 Reasons for Systems Development; 2 Analysis; 3 System Design, Development and Testing; 4 System Implementation; 5 Alternative Development Approaches; 6 Software Projects; 7 Security Issues; 8 Algorithms; 9 Fundamentals of Programming; 10 Object-Oriented Programming
- Unit AS 2: Fundamentals of Digital Technology
 - 11 Data Representation; 12 Data and Information; 13 Architecture; 14 The User Interface and Data Compression; 15 Software; 16 Web Applications; 17 Website Development.

£28 ISBN: 978 1 78073 116 2



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FOR CCEA A2

A2

Patrick G Daniels

- Designed to compliment the existing AS Level textbook.
- Written for the **current A2 Level CCEA Digital Technology** specification.
- Fully up-to-date with recent developments in AI and other front line technology.
- Systematically covers unit **A2 1: Information Systems**.
- Illustrated with diagrams and photographs.
- Includes **tasks and exercises, examples and case studies**.



Contents:

- Unit A2 1: Information Systems
 - 1: Networks; 2: Protocols; 3: Transmission Media; 4: Error Correction and Detection;
 - 5: Relational Databases; 6: Optimising Databases; 7: Using Databases;
 - 8: Artificial Intelligence; 9: Expert Systems; 10: Natural Language and Voice Recognition; 11: Robotics; 12: Mobile Technologies; 13: Data Mining;
 - 14: Cloud Computing; 15: Individual, Social, and Legal Considerations;
 - 16: Ethical Considerations

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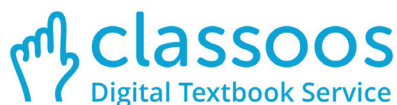


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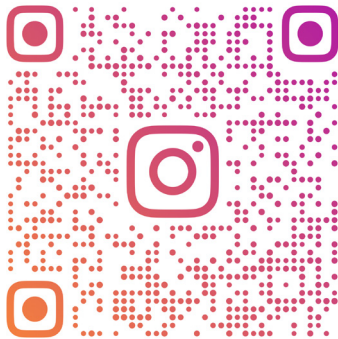


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