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College Textbooks Bricklaying, Building, Carpentry and Plumbing



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Contacts

Lucy Pink

*Area Sales Manager and
College Representative
Scotland, North England,
the Midlands and North Wales*
Mobile: +44 (0) 7860 633 156
Email: lucy.pink@tandf.co.uk

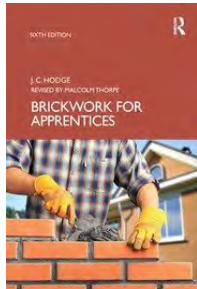
James Whittle

*Area Sales Manager
London, South England,
South Wales, Northern Ireland and
Ireland*
Mobile: +44 (0) 7802 536 233
Email: james.whittle@tandf.co.uk

Contents

Bricklaying	1
Building & Construction	2
Carpentry	5
Plumbing	6
Index	7

Brickwork for Apprentices

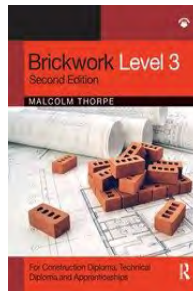


J.C. Hodge, Malcolm Thorpe

This sixth edition includes new material on PPEs, safety, risk assessment and working at heights, and also contains fully revised multiple choice questions, new skills test information, sample oral questions and updated drawings. Fully in line with the Building Regulations, it will remain an essential reference for qualified bricklayers and other professionals working in the construction industry, as well as students new to the industry and wishing to embark on a career in bricklaying. The multiple choice questions, skills test and oral questions at the back of the book are matched to the current C&G requirements.

Routledge
December 2020:364
Hb: 978-0-367-62432-3: **£99.99**
Pb: 978-0-367-62434-7: **£27.99**
eBook: 978-1-003-10944-0
* For full contents and more information, visit: www.routledge.com/9780367624347

Brickwork Level 3



Malcolm Thorpe

Brickwork Level 3 is highly illustrated throughout and in full colour. This new edition reflects new Occupational Standards and recent changes to the Building Regulations. It has been tailored to match Level 3 of the current Occupational Standards at Diploma, Technical Certificate and Apprenticeship. Each chapter contains a section of multiple choice questions to provide trainees with vital practice for the job knowledge test. The companion website for adopting course instructors includes practical training packs, end tests and mark sheets, power point slides for each chapter, written job knowledge test and answers, and teaching lesson plans and schemes of work.

Routledge
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Brickwork Level 1



Malcolm Thorpe

Brickwork Level 1 is in full colour. This new edition reflects new Occupational Standards and recent changes to the Building Regulations. It gives the apprentice an introduction into building methods and construction technology, and follows very closely the Training Specification for Apprenticeship and Diploma units and contains a section of multiple choice questions to provide trainees with vital practice for the job knowledge test. The companion website for adopting course instructors includes practical training packs, end tests and mark sheets, power point slides for each chapter, written job knowledge test and answers, and teaching lesson plans and schemes of work.

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eBook: 978-1-003-10960-0
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Guide to Successful Brickwork

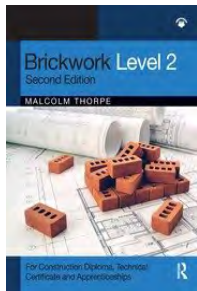


Brick Development Association

Written by a team of experts from the Brick Development Association, the representative group in industry for brickwork construction, this best-selling text has now been brought fully in line with the latest site practice, innovations, British and European Standards, to ensure readers are receiving the most up-to-date and accurate information available in the field.

Routledge
October 2020:414
Hb: 978-0-367-48660-0: **£130.00**
Pb: 978-0-367-48661-7: **£34.99**
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Brickwork Level 2



Malcolm Thorpe

Brickwork Level 2 is highly illustrated throughout and in full colour. This new edition reflects new Occupational Standards and recent changes to the Building Regulations. It has been tailored to match Level 2 of the current Occupational Standards at Diploma, Technical Certificate and Apprenticeship. Each chapter contains a section of multiple choice questions to provide trainees with vital practice for the job knowledge test. The companion website for adopting course instructors includes practical training packs, end tests and mark sheets, power point slides for each chapter, written job knowledge test and answers, and teaching lesson plans and schemes of work.

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101 Case Studies in Construction Management



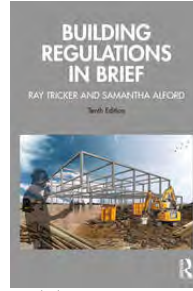
Len Holm

Includes case studies from real jobsites that cover: organisation, procurement, estimating, scheduling, subcontractors, communications, quality and cost control, change orders, claims and disputes, safety, close outs, BIM, sustainability and Lean. Designed to test the reader's independent and critical thinking skills to develop their real world problem solving ability. The cases are ideal for use in the classroom or flipped classroom, for individual or group exercises, to encourage research, writing and presenting skills. Such a broad and useful selection of cases studies cannot be found anywhere else. Solutions available through the publisher's website.

Routledge
September 2018:178
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eBook: 978-1-351-11363-2

* For full contents and more information, visit: www.routledge.com/9780815361985

Building Regulations in Brief



Ray Tricker, Samantha Alford

This tenth edition of the most popular and trusted guide reflects all the latest amendments to the Building Regulations, planning permission and the Approved Documents in England and Wales. This includes coverage of the changes in light of the Hackitt Review, updates to Approved Document B and L, and the reinstatement of the Manual to the Building Regulations. It is essential reading for all building contractors and sub-contractors, site engineers, building engineers, building control officers, building surveyors, architects, construction site managers and DIYers.

Routledge
May 2022:1146
Hb: 978-1-032-00761-8: **£145.00**
Pb: 978-0-367-77423-3: **£44.99**
eBook: 978-1-003-17548-3

* For full contents and more information, visit: www.routledge.com/9780367774233

A Cost Based Approach to Project Management

Planning and Controlling Construction Project Costs



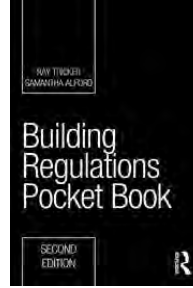
Mehmet Nihat Hanioglu

A Cost Based Approach to Project Management: Planning and Controlling Construction Project Costs introduces early-career architects, construction managers, civil engineers, and facility managers to the essentials of delivering projects on-time and at cost. Drawing on the author's decades of experience managing marquee building and infrastructure projects around the world, this primer offers busy professionals a crash course in budgeting, cost estimating, scheduling, and cost control.

Routledge
July 2022:210
Hb: 978-1-032-00100-5: **£125.00**
Pb: 978-0-367-77645-9: **£48.99**
eBook: 978-1-003-17271-0

* For full contents and more information, visit: www.routledge.com/9780367776459

Building Regulations Pocket Book



Ray Tricker, Samantha Alford

Series: *Routledge Pocket Books*

The new edition of the Building Regulations Pocket Book has been fully updated with new changes to the UK Building Regulations and Planning Law. This handy guide provides you with all the information you need to comply with the UK Building Regulations and Approved Documents. This book is essential reading for all building contractors and sub-contractors, site engineers, building engineers, building control officers, building surveyors, architects, construction site managers and DIYers.

Routledge
September 2022:686
Hb: 978-1-032-00356-6: **£145.00**
Pb: 978-0-367-77417-2: **£24.99**
eBook: 978-1-003-17378-6

* For full contents and more information, visit: www.routledge.com/9780367774172

Advanced Construction Mathematics



Surinder Viri

Advanced Construction Mathematics covers the range of topics that a student must learn in order to achieve success in Level 3 and 4 mathematics for the Pearson BTEC National and BTEC HNC/HND in Construction, Built Environment, and Civil Engineering. Packed with easy to follow examples and solutions, the chapters cover algebra (equations, transposition and evaluation of formulae), differentiation, integration, statistics and numerous other core concepts and their application in the construction/civil engineering field.

Routledge
April 2019:418
Hb: 978-0-367-00210-7: **£105.00**
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* For full contents and more information, visit: www.routledge.com/9780367002138

Building Services Handbook



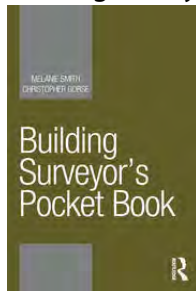
Fred Hall, Roger Greeno

The tenth edition of Hall and Greeno's leading textbook has been reviewed and updated in relation to the latest building, wiring and water regulations, new technology, and new legislation. For this edition, new updates include: electric vehicle charging, overheating in buildings, waste water treatment, energy performance certification, mechanical ventilation, food waste recycling, electro-magnetic lifts and biogas processing and much more. The clear illustrations and complementary references to industry Standards combine essential guidance with a resource base for further reading and development of specific topics.

Routledge
September 2023:800
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eBook: 978-1-003-43489-4

* For full contents and more information, visit: www.routledge.com/9781032548371

Building Surveyor's Pocket Book



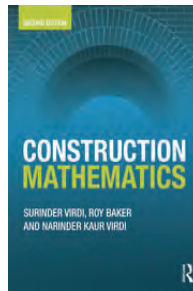
Melanie Smith, Christopher Gorse

Series: Routledge Pocket Books

Building Surveyor's Pocket Book is an accessible encyclopaedia of matters vital to building surveyors. Well-illustrated with diagrams, pictures, tables and graphs, it covers all essential elements of building pathology, building performance, and building construction terminology in a simple, accessible way for the practitioner and student. Ideal reading for individual surveyors, practitioners and students in building surveying, facilities management, refurbishment, maintenance, renovation and services management.

Routledge
May 2021:390
Hb: 978-1-138-30790-2: **£105.00**
Pb: 978-1-138-30791-9: **£24.99**
eBook: 978-1-315-14264-7
* For full contents and more information, visit: www.routledge.com/9781138307919

Construction Mathematics

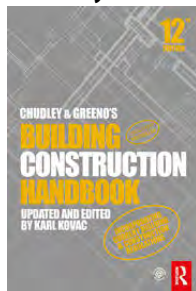


Surinder Virdi, Roy Baker, Narinder Kaur Virdi

An introductory level maths text for students of construction and related disciplines. Learn by tackling exercises based on real scenarios. 1. Using a Scientific Calculator 2. Numbers 3. Basic Algebra 4. Indices and Logarithms 5. Standard Form, Significant Figures and Estimation 6. Transposition and Evaluation of Formulae 7. Fractions and Percentages 8. Graphs 9. Units and their Conversion 10. Geometry 11. Areas (1) 12. Volumes (1) 13. Trigonometry (1) 14. Setting Out 15. Costing - Materials and Labour 16. Statistics 17. Areas and Volumes (2) 18. Areas and Volumes (3) 19. Trigonometry (2) 20. Computer Techniques 21. Assignments Appendixes and Solutions

Routledge
January 2014:336
Hb: 978-1-138-40883-8: **£180.00**
Pb: 978-0-415-81078-4: **£46.99**
eBook: 978-0-203-42780-4
* For full contents and more information, visit: www.routledge.com/9780415810784

Chudley and Greeno's Building Construction Handbook



Roy Chudley, Roger Greeno, Karl Kovacs

The 12th edition of the Chudley and Greeno's Building Construction Handbook remains THE authoritative reference for all construction students and professionals. The principles and processes of construction are explained with the concepts of design included where appropriate. This new edition has been updated to reflect recent changes to the building regulations, as well as new material on modern methods of construction, greater emphasis on sustainability and a new look interior to provide the most comprehensive and easy to understand guide to building construction.

Routledge
April 2020:770
Hb: 978-0-367-13542-3: **£115.00**
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eBook: 978-0-429-02713-0
* For full contents and more information, visit: www.routledge.com/9780367135430

Materials for Architects and Builders



Arthur Lyons, Arthur Lyons

Provides a clear and concise introduction to the broad range of materials used within the construction industry and covers the essential details of their manufacture, key physical properties, specification and uses. New edition covers new developments within the industry: greater multi-functionality of glass, self-healing concrete and the importance of fire in buildings and the response in the materials used by the industry. All the relevant standards have been updated and BIM (Building Information Modelling) is included where relevant. Essential reading for students of Architecture, Engineering, Construction, Building Surveying, Project Management and Civil Engineering.

Routledge
September 2019:536
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Pb: 978-0-815-36339-2: **£51.99**
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* For full contents and more information, visit: www.routledge.com/9780815363392

Construction Law

From Beginner to Practitioner



Jim Mason

This second edition of Construction Law: From Beginner to Practitioner provides a thorough and comprehensive guide to construction law by blending together black letter law and socio-legal approaches. Fully updated throughout, this new edition includes coverage of post-Grenfell legislation; increased coverage of modern methods of construction and continuously evolving technologies such as BIM and digital twins; NEC4 and the latest JCT contract suite and the Construction Playbook. This book is useful not only for understanding the basics, but also as a reference that practitioners will use time and again.

Routledge
May 2023:350
Hb: 978-1-032-46468-8: **£120.00**
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New Aspects of Quantity Surveying Practice



Duncan Cartlidge

The construction industry is undergoing great change particularly with the introduction of digital technologies and the increasing emphasis on sustainability and ethical practice. The fifth edition of New Aspects of Quantity Surveying Practice introduces and discusses these changes and their impact on the industry. Includes: A new chapter on the impact of digital construction and coverage of sustainable construction, procurement trends, ethics and ethical practice and the RICS Futures (2020) publication. Essential reading for all Quantity Surveying students, teachers and professionals.

Routledge
April 2023:246
Hb: 978-1-032-27596-3: **£120.00**
Pb: 978-1-032-27595-6: **£42.99**
eBook: 978-1-003-29345-3
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Quantity Surveyor's Pocket Book



Duncan Cartledge

Series: Routledge Pocket Books

The fourth edition of Quantity Surveyor's Pocket Book remains a must-have guide for students and qualified practitioners. Its focused coverage of the data, techniques and skills essential to the quantity surveying role makes it an invaluable companion for everything from initial cost advice to the final account stage. This text includes recommended formats for cost plans, developer's budgets, financial reports, financial statements and final accounts. This is the ideal concise reference for quantity surveyors, project and commercial managers, and students of any of the above.

Routledge

March 2022:518

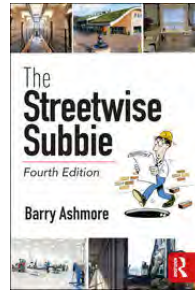
Hb: 978-1-032-06142-9: **£145.00**

Pb: 978-1-032-06144-3: **£24.99**

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The Streetwise Subbie



Barry Ashmore

This down-to-earth guide is written for Specialist and Trade Contractors in the construction industry. It covers payment, delay and disruption, extension of time and the all-important checklists and site records, and is now in line with the 2011 revisions to the Construction Act and with emphasis on adjudication for dispute resolution. It gives practical advice on avoiding contractual disasters through easy to follow routines, supported by forms and checklists.

Routledge

May 2018:218

Hb: 978-1-138-30015-6: **£52.99**

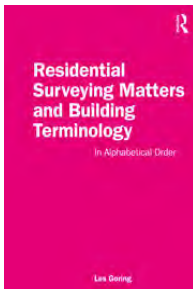
Pb: 978-1-138-30016-3: **£19.99**

eBook: 978-1-351-04720-3

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Residential Surveying Matters and Building Terminology

In Alphabetical Order



Les Goring

Residential Surveying Matters and Building Terminology covers a wide range of new and old building terms, techniques, technologies, and materials, but much more extensively than the average dictionary. This is an ideal reference book for students (undergraduates and postgraduates) studying Building Surveying, Quantity Surveying, or Architecture, etc. It should also be of use to the Construction-related legal profession, Property Managers and Letting Agents. Builders (and homeowners, interested in identifying faults in their property), should also benefit from this book.

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September 2022:288

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The Design and Construction of Pitched Roofing



The National Federation of Roofing Contractors, The Roof Tile Association

The Design and Construction of Pitched Roofing is the definitive guide to obtaining successful results in pitched roofing construction.

Students following Diploma (Foundation, Intermediate and Advanced level) and apprenticeship routes, will find this book to be an invaluable reference source of information which will accompany them throughout their studies. Building professionals concerned with the design, detailing and specification of roofing will also find this book to be an essential reference.

Routledge

February 2024:216

Hb: 978-1-032-05314-1: **£130.00**

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Manual of First and Second Fixing Carpentry



Les Goring

The book covers the essentials of 1st and 2nd-fixing carpentry, now with formwork for concrete in-situ casting, and fixing shelf arrangements to correct spans. With nearly 500 colour drawings and a detailed step-by-step approach, this is a for apprentices, students on NVQs and Construction Awards within the Wood Occupations from C&G Construction Skills, and a reference for practitioners.

Routledge

April 2018:302

Hb: 978-1-138-29600-8: **£94.99**

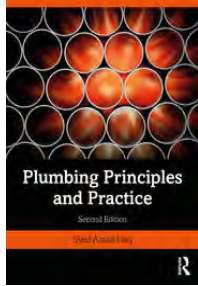
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Plumbing Principles and Practice



Syed Azizul Haq

This book provides a complete introduction to plumbing services. Written by a registered professional engineer and experienced teacher, this book is suitable for use on a wide range of courses from Building Services Engineering, Civil Engineering, Construction Technology, Plumbing Services, Environmental Engineering, Water Engineering and Architectural Technology.

Routledge

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1	
101 Case Studies in Construction Management	<u>2</u>
A	
A Cost Based Approach to Project Management	<u>2</u>
Advanced Construction Mathematics	<u>2</u>
B	
Brickwork for Apprentices	<u>1</u>
Brickwork Level 1	<u>1</u>
Brickwork Level 2	<u>1</u>
Brickwork Level 3	<u>1</u>
Building Regulations in Brief	<u>2</u>
Building Regulations Pocket Book	<u>2</u>
Building Services Handbook	<u>2</u>
Building Surveyor's Pocket Book	<u>3</u>
C	
Chudley and Greeno's Building Construction Handbook	<u>3</u>
Construction Law	<u>3</u>
Construction Mathematics	<u>3</u>
G	
Guide to Successful Brickwork	<u>1</u>
M	
Manual of First and Second Fixing Carpentry	<u>5</u>
Materials for Architects and Builders	<u>3</u>
N	
New Aspects of Quantity Surveying Practice	<u>3</u>
P	
Plumbing Principles and Practice	<u>6</u>
Q	
Quantity Surveyor's Pocket Book	<u>4</u>
R	
Residential Surveying Matters and Building Terminology	<u>4</u>
T	
The Design and Construction of Pitched Roofing	<u>4</u>
The Streetwise Subbie	<u>4</u>



.	
A	
Arthur Lyons, Arthur Lyons	3
B	
Barry Ashmore	4
Brick Development Association	1
D	
Duncan Cartlidge	3
Duncan Cartlidge	4
F	
Fred Hall, Roger Greeno	2
J	
J.C. Hodge, Malcolm Thorpe	1
Jim Mason	3
L	
Len Holm	2
Les Goring	4
Les Goring	5
M	
Malcolm Thorpe	1
Malcolm Thorpe	1
Malcolm Thorpe	1
Mehmet Nihat Hanioglu	2
Melanie Smith, Christopher Gorse	3
R	
Ray Tricker, Samantha Alford	2
Ray Tricker, Samantha Alford	2
Roy Chudley, Roger Greeno, Karl Kovac	3
S	
Surinder Viridi	2
Surinder Viridi, Roy Baker, Narinder Kaur Viridi	3
Syed Azizul Haq	6
T	
The National Federation of Roofing Contractors, The Roof Tile Association	4



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Taylor & Francis Group
4 Park Square, Milton Park, Abingdon. Oxon. OX14 4RN
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