

Construction Mathematics - , Roy Baker

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Taking a starting point below that of GCSE level, by assuming no prior mathematical knowledge, Surinder Viridi and Roy Baker take the reader step by step through the mathematical requirements for Level 2 and 3 Building and Construction courses. Unlike the majority of basic level maths texts available, this book focuses exclusively on mathematics as it is applied in actual construction practice. As such, topics specific to the construction industry are presented, as well as essential areas for Level 2 craft NVQs - for example, costing calculations, labor costs, cost of materials and setting out of building components. End of chapter exercises cover a range of theoretical as well as practical problems commonly found in construction practice, and two project-based assignments give students the opportunity to apply the knowledge they have gained. Answers to all exercises are included at the end of book. A chapter detailing the use of a scientific calculator for performing construction calculations will prove invaluable for students with no prior experience of their use. Construction Mathematics addresses all the mathematical requirements of Level 2 construction NVQs from City Guilds/CITB and Edexcel courses, including the BTEC First Diploma in Construction. Additional coverage of the core unit Analytical Methods from BTEC National Construction, Civil Engineering, and Building Services courses makes this an essential revision aid to students who do not have Level 2 mathematics experience before commencing their BTEC National studies, or any reader who wishes to refresh their mathematics knowledge. Solutions to the assignments are available to lecturers only at [textbooks.elsevier](#). To access the solutions click on the tab at the top right of the page. You must be registered and logged in to view this tab. Author: Viridi, Surinder Author: Baker, Roy Publisher: Routledge Illustration: N Language: ENG Title: Construction Mathematics Pages: 00296 (Encrypted EPUB) / 00296 (Encrypted PDF) On Sale: 2006-09-05 SKU-13/ISBN: 9780750667920 Lib Category: Building - Mathematics Category: Technology & Engineering : Construction - General

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