

The background of the book cover is a photograph of a modern building. The building has a light-colored, textured facade and a series of windows. The sky is a deep blue with some white clouds. The text is overlaid on the left side of the image.

STEPHEN EMMITT

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Second Edition

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Contents

<i>Foreword – Colin Orr, President of CIAT</i>	ix
<i>Introduction</i>	xi
1 Fundamentals	1
Sensory engagement	3
Building innovation	6
Building characteristics	10
Enclosure and functional requirements	14
Philosophies and approaches	19
Further reading	23
2 Physical Design Generators	25
The physical context: a sense of place	26
Micro climates and weathering	32
Structure and fabric	35
Materials	39
Services	43
Further reading	45
3 Social Design Generators	47
The social context	48
Communication and language	49
Design decisions	53
Risk	57
Quality	58
Added value	61
Further reading	63

4 Regulatory Design Generators	65
Town planning and development control	67
The building regulations	72
Standards and codes of practice	75
Trade associations	76
Testing and research reports	77
Further reading	79
5 Humane Design Generators	81
Perception of our buildings	82
Physiology and usability	85
Healthy environments	87
Safe environments	89
Secure environments	91
Fire safety	95
Further reading	98
6 Physical Interfaces	99
Typologies	101
Transitions	105
Joints and connections	111
Tolerances	114
Further reading	117
7 The Art of Detailing	119
Detailing principles	121
Environmental issues	127
Performance of the joint	131
Designing the details	134
Further reading	136
8 The Art of Specifying	137
Specification methods	138
Selection criteria – fitness for purpose	139
Writing the specification	146
Contents of a written specification	150
Further reading	152
9 The Art of Informing	153
Media	154
Coordinated project information	159
Drawings	162

Physical models	166
Bills of quantities	168
Digital information and virtual details	168
Information flow and design changes	170
Further reading	171
10 Assembling the Parts	173
The designer-contractor interface	174
Flows	176
Quality of work	180
Design changes	183
Practical completion and hand-over	186
Learning from building projects	187
Further reading	191
11 Living with Buildings	193
Durability and decay	194
Preservation, restoration, and conservation	200
Principles of conservation, repair and maintenance	204
Upgrading existing buildings	208
Learning from buildings	211
Further reading	212
12 Disassembly and Reuse	213
Reusing redundant buildings	214
Demolition and disassembly	218
Reclamation, reuse, and recycling	220
Stretching the tradition	222
Further reading	227
<i>References</i>	229
<i>Index</i>	235

Architectural technologists are at the interface between design and construction. As design becomes more complex, using a wider range of complex technologies and materials, it is essential that architectural technologists and other professionals understand the implications of their decisions on the performance of the building over its entire life cycle.

This core textbook on translating creative designs into functional buildings is written for undergraduates in architectural technology, architectural engineering, architecture and building surveying. The second edition has been thoroughly revised and updated to reflect new technologies - both in materials and ICTs, increased attention to sustainability, and changing methods of procurement.

Architecture Technology is structured to take the reader through the whole life-cycle of a building, emphasising sustainability, building performance and the value of design. Material on digital information, building information modelling (BIM) and information communication technologies has been updated. Most chapters have been re-titled, re-structured and enhanced with photographic images to emphasise the importance of design and make the book more accessible to a wider range of students. Chapters conclude with extensive links to further reading.

The three main themes - Environmental Sustainability; Innovation; and Design are emphasised throughout with the focus on translating conceptual designs into built artefacts.

FROM THE BOOK'S FOREWORD:

'...an excellent tool to enable the 21st Century Architectural Technologist to remain at the leading edge of innovative design solutions within the construction industry on an international scale.

CIAT, in endorsing this publication, is aware of the continued need for books such as this as a support aid for both students and those practising within the discipline of Architectural Technology.'

Colin Orr, President of the Chartered Institute of Architectural Technologists

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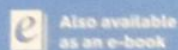
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OTHER BOOKS OF INTEREST:

Bryan: Construction Technology - analysis & choice 9781405158749

Emmitt: Architectural Technology - research & practice

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