

Architectural Technology 1 (Semester 1 and 2)

[View Online](#)

Ashby, M. F., & Johnson, K. (2002a). *Materials and design: the art and science of material selection in product design*. Butterworth-Heinemann.

Ashby, M. F., & Johnson, K. (2002b). *Materials and design: the art and science of material selection in product design* [Electronic resource]. Butterworth-Heinemann.
<https://oxfordbrookes.idm.oclc.org/login?url=http://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&isbn=9780080468655&uid=^u>

Ashby, M. F., & Johnson, K. (2009). *Materials and design: the art and science of material selection in product design* (2nd ed). Butterworth-Heinemann.

Barker, T. (1997). *Lighting: lighting design in architecture: Vol. Concepts in practice*. Batsford.

Berge, B. (2000). *The ecology of building materials*. Butterworth-Heinemann.

Berge, B. (2001). *The ecology of building materials*. Butterworth-Heinemann.

Berge, B. (2009a). *The ecology of building materials* (Second edition) [Electronic resource]. Elsevier/Architectural Press.
<https://linker2.worldcat.org/?jHome=https%3A%2F%2Foxfordbrookes.idm.oclc.org%2Flogin%3Furl%3Dhttps%3A%2F%2Fsearch.ebscohost.com%2Flogin.aspx%3Fdirect%3Dtrue%26scope%3Dsite%26db%3Dnlebk%26AN%3D279640&linktype=best&jHomeSig=54282cc001e655fe6f3b4ad4bba629d9598222fe860cc673ce71874e9266c736>

Berge, B. (2009b). *The ecology of building materials* (2nd ed). Elsevier Architectural.

Blanc, A., McEvoy, M., & Plank, R. (1993). *Architecture and construction in steel*. Spon.

Brookes, A., & Grech, C. (1996). *The Building envelope: and, Connections*. Architectural Press.

Brown, G. Z., & DeKay, M. (2001). *Sun, wind & light: architectural design strategies* (2nd ed). John Wiley.

Burberry, P. (1997). *Environment and services: Vol. Mitchell's building series* (8th ed). Longman.

Buxton, P. (Ed.). (2015a). *Metric handbook: planning and design data* (Fifth edition) [Electronic resource]. Routledge.
<https://oxfordbrookes.idm.oclc.org/login?url=http://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&isbn=9780080468655&uid=^u>

nreader?id=OxfBrookes&isbn=9781315759333&uid=^u

Buxton, P. (2015b). *Metric handbook: planning and design data* (Fifth edition). Routledge/Taylor & Francis Group.

Dean, Y. (1996). *Materials technology: Vol. Mitchell's building series*. Longman.

DeKay, M., Brown, G. Z., & Cartwright, V. (2014). *Sun, wind & light* (S. Bennett, Ed.; Third edition) [Electronic resource : barchitectural design strategies]. Wiley.
<https://oxfordbrookes.idm.oclc.org/login?url=http://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&isbn=9781118332887&uid=^u>

Deplazes, A. (2005). *Constructing architecture: materials, processes, structures : a handbook*. Birkha

user.

Eidgeno

ssische Technische Hochschule
Zu

rich. Departement Architektur. (2013). *Constructing architecture: materials, processes, structures : a handbook* (A. Deplazes, Ed.; Third, extended edition). Birkha

user Verlag.

Emmitt, S., & Gorse, C. A. (2014). *Barry's advanced construction of buildings* (Third edition). Wiley-Blackwell.

Emmitt, S., Gorse, C. A., & Barry, R. (2014a). *Barry's advanced construction of buildings* (Third edition) [Electronic resource]. John Wiley & Sons Inc.
<https://oxfordbrookes.on.worldcat.org/oclc/868981452>

Emmitt, S., Gorse, C. A., & Barry, R. (2014b). *Barry's introduction to construction of buildings* (Third edition). Wiley Blackwell.

Emmitt, S., Gorse, C. A., & Barry, R. (2014c). *Barry's introduction to construction of buildings* (Third edition) [Electronic resource]. John Wiley & Sons Inc.
<https://oxfordbrookes.idm.oclc.org/login?url=http://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&isbn=9781118856680&uid=^u>

Farrelly, L. (2009). *Construction + materiality: Vol. Basics architecture*. AVA.

Foster, J. S., & Greeno, R. (2007a). *Structure and fabric: Part 1: Vol. Mitchell's building series* (7th ed). Pearson Prentice Hall.

Foster, J. S., & Greeno, R. (2007b). *Structure and fabric: Vol. Mitchell's building series* (7th ed) [Electronic resource]. Pearson/Prentice Hall.
<https://oxfordbrookes.idm.oclc.org/login?url=http://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&isbn=9781315759333&uid=^u>

nreader?id=OxfBrookes&isbn=9781405891127&uid=^u

Foster, J. S., Harington, R., & Greeno, R. (2007). *Structure and fabric: Part 2: Vol. Mitchell's building series* (7th ed). Pearson Prentice Hall.

Foster, J. S. & MyiLibrary. (2007). *Mitchell's structure and fabric: part 2: Vol. Mitchell's building series* (7th ed) [Electronic resource]. Pearson Education Limited.
<https://oxfordbrookes.idm.oclc.org/login?url=https://ebookcentral.proquest.com/lib/brookes/detail.action?docID=4977173>

Gauld, B. J. B. (1995). *Structures for architects* (3rd ed). Longman Scientific & Technical.
<https://oxfordbrookes.on.worldcat.org/oclc/31969810>

Gordon, J. E. (1991a). *Structures: or why things don't fall down: Vol. Penguin science*. Penguin.

Gordon, J. E. (1991b). *The New science of strong materials: or why you don't fall through the floor* (2nd ed). Penguin.

Gordon, J. E. (2003). *Structures, or, Why things don't fall down* (2nd Da Capo Press ed). Da Capo Press. <http://www.loc.gov/catdir/enhancements/fy0830/2004556458-b.html>

Gordon, J. E. (2006). *The new science of strong materials: or why you don't fall through the floor: Vol. Princeton science library* (rev ed). Princeton University Press.

Goulding, J. R., Lewis, J. O., Steemers, T. C., Commission of the European Communities, University College Dublin. School of Architecture. Energy Research Group, & Université Catholique de Louvain. Centre de Recherches en Architecture. Architecture et Climat. (1992). *Energy conscious design: a primer for architects*. Batsford for the Commission of the European Communities.

Groa

k, S. (1992). *The idea of building: thought and action in the design and production of buildings*. E. & F. N. Spon.
<https://ebookcentral-proquest-com.oxfordbrookes.idm.oclc.org/lib/brookes/detail.action?docID=169734>

Hasman, M. (2023). *RIBA climate guide*. RIBA Publishing.
<https://doi.org/10.4324/9781003382485>

Ichioaka, S., & Pawlyn, M. (2021). *Flourish: design paradigms for our planetary emergency* (First edition). Triarchy Press.

Jenkins, D., & Dezart, L. (1993). *Architects' working details*. Emap Construct.

Kwok, A. G., & Grondzik, W. T. (2007). *The green studio handbook*. Architectural.

Kwok, A. G., & Grondzik, W. T. (2011). *The green studio handbook: environmental strategies for schematic design* (2nd ed). Architectural.

Lam, W. M. C., & Ripman, C. H. (1977). *Perception and lighting as formgivers for*

architecture. McGraw-Hill.

Lechner, N. (2009). Heating, cooling, lighting: sustainable design methods for architects (3rd ed). Wiley.

Lechner, N. (2015). Heating, cooling, lighting: sustainable design methods for architects (Fourth edition) [Electronic resource]. Wiley.
<https://oxfordbrookes.idm.oclc.org/login?url=http://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&isbn=9781118821725&uid=^u>

Lyle, J. T. (2008). Regenerative Design for Sustainable Development. John Wiley & Sons Inc.

Lynes, J. A. (1968). Principles of Natural Lighting.

Lyons, A. (2006). Materials for architects and builders (3rd ed). Butterworth-Heinemann.

Lyons, A. (2014). Materials for architects and builders (Fifth edition). Routledge.

Mang, P., & Haggard, B. (2016). Regenerative development and design: a framework for evolving sustainability. Wiley.

McDonough, W., & Braungart, M. (2002). Cradle to cradle : remaking the way we make things (1st ed). North Point Press.

McMullan, R. (2017). Environmental Science in Building (Eighth edition). Palgrave.

Mollison, B. C. (1988). Permaculture : a designer's manual. Tagari Publications.

Mostafavi, M., Leatherbarrow, D., & David. (1993). On weathering: the life of buildings in time. MIT Press.

Muller, B., Fuller, W., Gadsden, E., & Gibbons, E. (2014). Ecology and the architectural imagination. Routledge.

Pelsmakers, S. (2012). The environmental design pocketbook. RIBA.

Pelsmakers, S. (2015). The environmental design pocketbook (Second edition). RIBA Publishing.

Pelsmakers, S., Donovan, E., Hoggard, A., & Kozminska, U. (2022). Designing for the climate emergency: a guide for architecture students. RIBA Publications.
<https://doi.org/10.4324/9781003297246>

Raworth, K. (2017). Doughnut economics: seven ways to think like a 21st-century economist. Random House Business Books.

Sassi, P. (2006). Strategies for sustainable architecture. Taylor & Francis.

Schittich, C. (1999). Glass construction manual. Birkhauser.

Schittich, C. (2003). Solar architecture: strategies, visions, concepts: Vol. In detail. Edition

Detail.

<https://ebookcentral-proquest-com.oxfordbrookes.idm.oclc.org/lib/brookes/detail.action?docID=1075574>

Schittich, C. (2006). Building skins: Vol. In detail (Rev. ed). Edition DETAIL.

<https://ebookcentral-proquest-com.oxfordbrookes.idm.oclc.org/lib/brookes/detail.action?docID=3045464>

Schittich, C. (Ed.). (2012). Building simply two: sustainable, cost-efficient, local: Vol. In detail [Electronic resource]. Edition DETAIL, Institut für internationale Architektur-Dokumentation.

<https://oxfordbrookes.idm.oclc.org/login?url=http://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&isbn=9783955531737&uid=^u>

Schittich, C. & DETAIL. (2007). Glass construction manual (2nd rev. and expanded edition). Birkhäuser.

<https://ebookcentral-proquest-com.oxfordbrookes.idm.oclc.org/lib/brookes/detail.action?docID=1075514>

Schittich, C., & Musso, F. (2005). Building simply: Vol. In detail.

Birkhäuser.

user.

<https://ebookcentral-proquest-com.oxfordbrookes.idm.oclc.org/lib/brookes/detail.action?docID=1075553>

Silver, P., & McLean, W. (2008). Introduction to architectural technology. Laurence King.

Silver, P., & McLean, W. (2013). Introduction to architectural technology (Second edition). Laurence King Publishing.

Szokolay, S. V. (2014a). Introduction to architectural science: the basis of sustainable design (Third edition). Routledge.

Szokolay, S. V. (2014b). Introduction to architectural science: the basis of sustainable design (Third edition) [Electronic resource]. Routledge.

<https://oxfordbrookes.idm.oclc.org/login?url=http://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&isbn=9781315852409&uid=^u>

Thomas, K. L. (2007). Material matters: architecture and material practice. Routledge.

Thomas, R. (1999). Environmental design: an introduction for architects and engineers (2nd ed). E & FN Spon.

Thomas, R. (2006). Environmental design: an introduction for architects and engineers (3rd ed). Taylor and Francis.

Watts, A. (2005a). Modern construction facades: Vol. Modern construction series. Springer.

Watts, A. (2005b). Modern construction roofs: Vol. Modern construction series. Springer.

Watts, A. (2014a). Modern construction envelopes: Vol. Modern construction series (Second edition). Ambra.

Watts, A. (2014b). Modern construction envelopes: Vol. Modern construction series (Second edition). Ambra.

<https://oxfordbrookes.idm.oclc.org/login?url=http://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&isbn=9783990436042&uid=^u>

Woolley, T. (1997). Green building handbook : a guide to building products and their impact on the environment, Vol. 1 [Electronic resource]. E & FN Spon.

<https://linker2.worldcat.org/?jHome=https%3A%2F%2Foxfordbrookes.idm.oclc.org%2Flogin%3Furl%3Dhttps%3A%2F%2Fsearch.ebscohost.com%2Flogin.aspx%3Fdirect%3Dtrue%26scope%3Dsite%26db%3Dnlebk%26AN%3D76826&linktype=best&jHomeSig=f855b35e684367b89c6a0ed357f95cc20d0d3184219c4f294d7029d128b6901e>

Woolley, T. & Association of Community Technical Aid Centres. (1997). Green building handbook. Vol. 1. E & FN Spon.

Woolley, T., & Kimmins, S. (2000). Green building handbook Vol. 2. E. & F. N. Spon.

Woolley, T., Kimmins, S., Harrison, R., & Harrison, P. (2015). Green building handbook: a guide to building products and their impact on the environment, Volume 1. Routledge.