



DRAFTING TECHNOLOGY

Resource List

January 2009

DRAFTING TECHNOLOGY
CGTC Library Resources
January 2009

Drafting Technology Print Books:

3D AutoCAD 2009 : One Step at a Time / T. Sykes.
T 385 .S875 2009

Applying AutoCAD 2009 / T. Wohlers.
T 385 .W64 2009

Architectural Drafting and Design / A. Jefferis.
NA 2700 .J44 2005

Architectural Drawing and Light Construction / E. Muller.
NA 2700 .M8 2005

Architectural Graphic Standards / J. Hoke.
Ref TH 2031 .R35 2007

Architectural Graphic Standards : Student Edition / J. Hoke.
TH 2031 .R357 2008

Architectural Graphics / F. Ching.
NA 2700 .C46 2003

Architecture : Form, Space and Order / F. Ching.
NA 2760 .C46 2007

Architecture : Residential Drafting and Design / C. Kicklighter.
NA 7115 .K46 2008

AutoCAD 2009 and AutoCAD LT 2009 Bible / E. Finkelstein.
T 385 .F54459 2008

AutoCAD 2009 and AutoCAD LT 2009 : No Experience Required / J. McFarland.
T 385 .M378 2008

AutoCAD 2009 Fundamentals / E. Moss.
T 385 .M77 2008

AutoCAD 2009 : One Step at a Time / T. Sykes.
T 385 .S8795 2009

AutoCAD 2009 Tutorial - First Level : 2D Fundamentals / R. Shih.
T 385 .S434 2008

AutoCAD 2009 Tutorial - Second Level : 3D Modeling / R. Shih.
T 385 .S435 2008

AutoCAD and Its Applications : Basics 2009 / T. Shumaker.
T 385 .S461466 2009

AutoCAD and Its Applications : Advanced 2009 / T. Shumaker.
T 385 .S46124 2009

AutoCAD Architecture 2009 Fundamentals / E. Moss.
T 385 .M78 2008

Basic Blueprint Reading and Sketching / C. Olivo,
T 379 .O4 2005

Basic Technical Drawing / J. Novak.
T 353 .S58 2004

Basic Drafting Technology / E. Rotmans.
T 353 .R798 1980

Basic Mechanics with Engineering Applications / J. Fawcett
TA 350 .F73 1988

Basic Physics / K. Kuhn
QC 23 .K74 1996

Blueprint Reading Basics : Manufacturing Print Reading / W. Hammer.
T 379 .H34 2001

Blueprint Reading for Construction : Residential and Commercial / W. Brown.
TH 431 .B76 1990

Building Structures / J. Ambrose.
TA 658 .A49 1993

Classical Mechanics / T. Kibble
QA 805 .K5 2004

Classical Mechanics / J. Taylor
QC 125.2 .T39 2005

Computer Aided Engineering Design / A. Saxena.
TA 174 .S235 2005

Construction Drawings and Details for Interiors : Basic Skills / R. Kilmer.
TH 2031 .K54 2003

Design and Problem Solving in Technology / J. Hutchinson.
T 47 .H88 1994

Design Dimensioning and Tolerancing / B. Wilson.
T 357 .W47 2005

Design Drawing / F. Ching.
NA 2708 .C49 1998

Design for Manufacturability Handbook / J. Bralla
TS 176 .337 1999

Design Graphics : Drawing Techniques for Design Professionals / P. Koenig.
NK 2113.5 .K64 2006

Design of Mechanical and Electrical Systems in Buildings / J. Trost.
TH 6031.T76 2004

Detail in Contemporary Residential Architecture / V. McLeod.
NA 2840 .M45 2007

Drafting and Design : Engineering Drawing Using Manual and CAD Techniques /
T 353 .K466 2008

Drafting Technology / J. Earle.
T 353 .E28 1986

Drawing Requirements Manual / J. Lieblich.
Ref T 357 .L46 1995

Elementary Blueprint Reading for Machinists / D. Taylor.
T 379 .T39 2003

Elementary Structures for Architects and Builders / R. Shaeffer.
TA 645 .S479 2007

Engineering Design : A Project Based Introduction / C. Dym.
TA 174 .D96 2009

Engineering Drawing and Design / C. Jensen.
T 353 .J47 2008

Engineering Graphics / F. Giesecke.
T 353 .E62 2000

Engineering Mechanics : Dynamics / W. Riley
TA 352 .R55 1993

Exploring Drafting / J. Walker.
T 353 .W22 2007

Fear of Physics : A Guide for the Perplexed / L. Drauss
QC 21.2 .K73 1993

Fundamentals of Modern Drafting / P. Wallach.
T 353 .W23725 2003

Fundamentals of Physics / D. Halliday
QC 21.2 .H35 2005

Geometric Dimensioning and Tolerancing / D. Madsen.
T357 .M218 2003

Handbook of Electrical Design Details / N. Sclater.
TK 425 .S35 2003

Harnessing AutoCAD 2009 / G. Krishnan.
T 385 .S751875 2009

How Things Work : The Physics of Everyday Life / L. Bloomfield
QC 21.3 .B56 2006

Industrial Mechanics / A. Kemp
TS 191 .K56 2008

Interior Designer's Portable Handbook / P. Guthrie.
NK 2115 .G86 2004

Interior Graphic Standards / M. McGowan.
TH 2031 .M34 2003

Interior Graphic Standards, Student Edition / M. McGowan.
TH 2031 .I55 2004

Interpreting Engineering Drawings / C. Jensen.
T 379 .J45 2007

Introduction to Applied Physics / A. Marcus
QC 23 .M338 1985

Introduction to AutoCAD 2009 : A Modern Perspective / P. Richard.
T 385 .R494568 2009

Machine Elements in Mechanical Design / R. Mott.
TJ 230 .M68 2004

Machine Trades Blueprint Reading / D. Taylor.
T 379 .T39 2005

Machinery's Handbook / Industrial Press
Ref TJ 158 .O23 2008

Marks' Standard Handbook for Mechanical Engineers
TJ 151 .S82 2007

Materials Handbook : An Encyclopedia for Managers, Technical Professionals,
Purchasing and Production Managers, Technicians and Supervisors / G. Brady
TA 402 .B73 2002

Maynard's Industrial Engineering Handbook / K. Zandin
T 56 .M39 2001

Mechanical and Electrical Systems in Construction and Architecture / F. Dagostino
TH 6010 .D33 2005

Mechanical Drawing / T. French.
[on order January 2009]

Mechanical Engineering Principles / J. Bird.
TJ 159 .B49 2002

Mechanics of Materials / R. Hibbeler.
TA 405 .H47 2008

Mechanisms and Mechanical Devices Sourcebook / N. Schlater.
TJ 181 .S28 2007

Physical Forces : Understanding Science and Nature / Time-Life.
QC 25 .P48 1992

Physics for Dummies / S. Holzner.
QC 25.2 .H65 2006

Physics Made Simple / C. DePree
QC 23.2 .D4 2004

Physics : Problem Solvers / Research and Education Association
QC 32 .P48 2007

Practical Problems in Mathematics for Drafting and CAD / J. Larkin.
T 354 .L37 1996

Print Reading for Engineering and Manufacturing Technology / D. Madsen.
TR 920 .M33 2004

Print Reading for Industry / W. Brown.
T 379 .B764 2001

Quality Control, Reliability, and Engineering Design / B. Dhillon.
TS 156 .D56 1985

Reading Architectural Working Drawings / E. Muller.
NA 2713 .M85 1988

Realistic Architectural Visualization with 3ds Max / R. Cusson.
NA 2728 .C87 2007

Residential Architecture : Design and Drafting / E. Weidhaas.
NA 2708 .W45 1999

Residential Design Using AutoCAD 2009 / D. Stine.
NA 2728 .S75 2008

Roark's Formulas for Stress and Strain / W. Young
TA 407.2 .R6 2002

Schaum's Outline of Theory and Problems of College Physics / F. Bueche.
QC 21.3 .B84 2006

Shigley's Mechanical Engineering Design / R. Budynas.
[on order January 2009]

Structures / D. Schodek.
TA 645 .S37 2004

Technical Drawing / D. Goetsch.
T 353 .G63 2000

Technical Illustration : Techniques and Applications / J. Dennison.
T 11.8 .D46 2003

Technical Physics / E. Selleck.
QC 23 .S445 1991

Time-Saver Standards for Architectural Design Data : The Reference of Architectural Fundamentals / D. Watson.
TH 151 .T55 1997

Time-Saver Standards for Building Materials & Systems : Design Criteria and Selection Data / D. Watson.
Ref TA 404.5 .T56 2000

Time-Saver Standards for Building Types / J. De Chiara.
NA 2760 .D42 1990

Time-Saver Standards for Interior Design and Space Planning / J. De Chiara.
NK 2110 .D35 1991

To Engineer Is Human : The Role of Failure in Successful Design / H. Petroski
TA 174 .P474 1992

Types and Applications of Engineering Drawings : An American Standard.
T 353 .T97 1991

Understanding Basic Mechanics / F. Reif.
TA 350 .R42 1995

Understanding Physics / I. Asimov
QC 23 .A8 1966

Visual Design Fundamentals : A Digital Approach / A.Hashimoto.
TA 174 .H313 2004

DRAFTING TECHNOLOGY
CGTC Library Resources
January 2009

Print Periodical Subscriptions:

Cadalyst

ISSN 0820-5450

Computer Graphics World

ISSN 0271-4159

DV (Digital Video Magazine)

ISSN 1541-0943

Mechanical Engineering

ISSN 0025-6501

DRAFTING TECHNOLOGY
CGTC Library Resources
January 2009

Online Periodical Subscriptions via [GALILEO](#):

<u>Journal Title</u>	<u>GALILEO Database</u>
<u>Building Design and Construction</u> ISSN 0007-3407	ProQuest Research Library
<u>CAD/CAM Update</u> No ISSN	EBSCOhost Advanced Placement Source
<u>Computer-Aided Design & Applications</u> ISSN 1686-4360	EBSCOhost Business Source Complete
<u>Computer-Aided Engineering</u> ISSN 0733-3536	ProQuest ABI/Inform Complete
<u>Computer Graphics World</u> ISSN 0271-4159	ProQuest Career and Technical
<u>Computer Technology Review</u> ISSN 0278-9647	ProQuest ABI/Inform Complete
<u>Design Engineering</u> ISSN 0011-0342	ProQuest ABI/Inform Complete
<u>Engineering, Construction & Architectural Management</u> ISSN 0969-9988	ProQuest ABI/Inform Complete
<u>Integrated Computer-Aided Engineering</u> ISSN 1069-2509	EBSCOhost Academic Search Complete
<u>Interior Design</u> ISSN 0020-5508	ProQuest Research Library
<u>Journal of Engineering Design</u> ISSN 0954-4828	EBSCOhost Advanced Placement Source
<u>Machine Design</u> ISSN 0024-9114	ProQuest Research Library

DRAFTING TECHNOLOGY
CGTC Library Resources
January 2009

Electronic Books (eBooks) via [NetLibrary](#):

Advanced Design Concepts for Engineers / B. Dhillon.
Lancaster, PA Technomic Publishing, 1998.

Architectural Design Portable Handbook: A Guide to Excellent Practices / A. Pressman.
Oxford, UK: Butterworth-Heinemann, 1997.

AutoCAD 2005 and AutoCAD LT 2005: No Experience Required / D. Frey.
San Francisco, [Calif.]: Sybex Books, 2004.

AutoCAD 2005 for Dummies / M. Middlebrook.
Hoboken, NJ: John Wiley & Sons, Inc., 2004.

Building Systems for Interior Designers / C. Binggeli.
New York John Wiley & Sons, Inc. (US), 2003.

Cam Design Handbook / H. Rothbart.
New York McGraw-Hill Professional, 2004.

Carpenter's and Builder's Math, Plans, Specifications / M. Miller
Indianapolis, IN: John Wiley & Sons, Inc., 2005

Commissioning Buildings in Hot, Humid Climates: Design and Construction Guidelines /
Lilburn, Ga.: The Fairmont Press, 2000.

Computer-Aided Materials Selection During Structural Design /
Washington, D.C. National Academies Press, 1995.

Computer-Aided Fixture Design / Y. Rong.
New York: Marcel Dekker, Inc., 1999.

Couplings and Joints: Design, Selection, and Application / J. Mancuso.
New York: Marcel Dekker, Inc., 1999.

Design of Devices and Systems / W. Middendorf.
New York Marcel Dekker, Inc., 1998.

Designing Engineers / L. Bucciarelli.
Cambridge, Mass. MIT Press, 1994.

Digital Media Tools / N. Chapman.
New York John Wiley & Sons, Ltd. (UK), 2002.

Everyday Engineering : An Ethnography of Design and Innovation / D. Vinck.
Cambridge, Mass. MIT Press, 2003.

Expressive Form: A Conceptual Approach to Computational Design / K. Terzidis.
New York: Taylor & Francis, 2003.

Geometric Dimensioning and Tolerancing for Mechanical Design / G. Cogorno.
New York: McGraw-Hill Professional, 2006.

Guide to Graphics Software Tools / J. Chen
New York: Springer Science & Business Media, 2003.

Handbook of Mechanical Engineering Calculations / G. Hicks.
New York McGraw-Hill Professional, 2006.

Handbook on Low-Energy Buildings and District-Energy Systems / L. Harvey.
Sterling, Va.: Earthscan Publications, Ltd., 2006.

How to Make Patent Drawings : A Patent It Yourself Companion / J. Lo.
Berkeley Nolo, 2007.

Interior Design Handbook of Professional Practice / C. Coleman.
New York McGraw-Hill Professional, 2002.

Introduction to Design for Civil Engineers / R. Narayanan.
London, New York Routledge, 2001.

Landmarks in Mechanical Engineering /
West Lafayette, Ind. Purdue University Press, 1997.

Learning to Think Spatially /
Washington, D.C National Academies Press, 2006.

Make and Test Projects in Engineering Design : Creativity, Engagement and Learning /
A. Samuel.
London Springer Science & Business Media, 2006.

Marks' Calculations for Machine Design / T. Brown.
New York: McGraw-Hill Professional, 2005.

Mastering Autodesk VIZ 2005 / G. Omura.
San Francisco, Calif. ; London : Sybex Books, 2004.

Modeling and Problem Solving Techniques for Engineers / L. Horvath.
Burlington, Mass.: Elsevier, 2004.

Modular Design for Machine Tools / Y. Ito.
New York McGraw-Hill Professional, 2008.

New Trends and Technologies in Computer-Aided Learning for Computer-Aided Design
New York, NY: Springer Science & Business Media, 2005.

On Line and On Paper: Visual Representations, Visual Culture, and Computer Graphics
in Design Engineering / K. Henderson
Cambridge, Mass. MIT Press, 1999.

The Professional Practice of Architectural Working Drawings / O. Wakita.
New York: John Wiley & Sons, Inc., 2003.

Rapid Tooling: Technologies and Industrial Applications / P. Hilton.
New York: Marcel Dekker, 2000.

Schaum's Outline of Theory and Problems of Physics for Engineering and Science /
New York: McGraw-hill Professional, 1983.

Space Planning for Commercial and Residential Interiors / S. Kubba
New York: McGraw-Hill Professional, 2003.

Systems Approach to Engineering Design / P. Sydenham.
Boston Artech House, Inc., 2004.

The Visualization Handbook / C. Hansen.
Burlington, MA Elsevier, 2005.

Working Drawings Handbook / K. Styles.
Oxford [England], Burlington, MA Elsevier, 2004.

DRAFTING TECHNOLOGY
CGTC Library Resources
January 2009

General Internet Web Resources:

ACADIA : Association for Computer Aided Design in Architecture
www.acadia.org

American Design Drafting Association
www.adda.org

American Institute of Architects
www.aiaonline.com

American Society of Mechanical Engineers
www.asme.org

Autodesk (2D and 3D Design Software)
<http://usa.autodesk.com>

CadCamNet: CAD industry news and reviews.
www.cadcamnet.com

CAD Digest: CAD hardware and software reviews.
www.caddigest.com

CADinfo.net: A comprehensive resource of CAD reviews.
www.cadinfo.net

CAD-Portal
www.cad-portal.com

CAD Primer
www.caddprimer.com/library/

CAD Society
www.cadsociety.org

CADwire: includes latest news of the CAD industry divided into specific categories.
www.cadwire.net

Cadalyst

www.cadalyst.com

DigitalCAD: CAD industry news and reviews.

www.digitalcad.com

DMOZ Cad open directory: Maintains a list of CAD products in different categories

www.dmoz.org/Computers/CAD_and_CAM

Google CAD Directory listing

www.google.com/Top/Computers/CAD_and_CAM/

Institute of Electrical & Electronic Engineers

www.ieee.org

MCAD : Product Development and Manufacturing Solutions

<http://mcadonline.com>

TenLinks: Directory of CAD, CAM & CAE software and services.

www.tenlinks.com

United States National CAD Standard

www.buildingsmartalliance.org/ncs/

DRAFTING TECHNOLOGY
CGTC Library Resources
January 2009

Full Text Databases Online via GALILEO:
Part of the Database Offerings in [GALILEO](#), Georgia's Virtual Library

EBSCOhost full-text journal databases:

[Academic Search Complete](#)
[Advanced Placement Source](#)
[Business Source Complete](#)
[Computer Source](#)
[Science and Technology Collection](#)
[Vocational and Career Collection](#)

ProQuest full-text journal databases:

[ABI/Inform Complete](#)
[Career & Technical Education](#)
[Research Library](#)

FOR ASSISTANCE accessing any online database, eBook, online journal, or other resource please contact the CGTC Library at: library@centralgatech.edu.

The CGTC Student Library Handbook provides an overview and step-by-step instruction for the EBSCOhost, ProQuest, and NetLibrary databases at:
http://www.centralgatech.edu/library/student_library_handbook.pdf