



WELDING AND JOINING TECHNOLOGY

Resource List

October 2007

WELDING AND JOINING TECHNOLOGY
CGTC Library Resources
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[Print Books:](#)

Advanced Welding / S. Gibson.
TS 227 .G53 1997

American Welding Society User's Guide to Filler Metals / L. Kvidahl.
TS 227.2 .A46 1995

Arc Welding / J. Walker.
TK 4660 .W27 2004

Arc Welding of Aluminum and Magnesium Alloys / V. Ryabov.
TK 4660 .R86 1998

Artisan Welding Projects : 25 Decorative Projects for Hobby Welders / K. Ruth.
TT 211 .R88 2006

ASME Section IX Welding Qualifications / M. Houle.
TS 227 .H68 1996

Blueprint Reading for Welders / A. Bennett.
T 379 .B38 1999

Bridge Welding Code / American Welding Society.
TG 315 .B75 1995

Complete Automotive Welding : Metals and Plastics / R. Scharff.
TL 154 .S333 1990

Creating Welded Sculpture / N. Hale.
NB 1220 .H3 1994

Decorative Ironwork / M. Campbell.
NK 8242 .C37 1997

Duplex Stainless Steels : Microstructure, Properties and Applications / R. Gunn.
TA 479 .S7 D862 1997

Early Fatigue Crack Growth at Welds / C. Monahan.
TA 492 .W4 M57 1995

The Essential Welder: Gas Metal Arc Welding / R. Rowe.
TK 4660 .R68 2000

The Essential Welder: Gas Tungsten Arc Welding / L. Jeffus.
TK 4660 .J395 2000

Essentials of Welding / R. Sacks
TS 227 .S218 1984

Flux Cored Arc Welding Handbook / W. Minnick.
TK 4660 .M526 1995

Gas Metal Arc Welding Handbook / W. Minnick.
TK 4660 .M528 2000

Gas Tungsten Arc Welding Handbook / W. Minnick.
TK 4660 .M53 2000

Guide for the Education and Qualification of Welding Technicians, Welding Supervisors,
and Welding Inspectors / American Welding Society.
TS 227.2 .G85 1994

Guide for the Nondestructive Inspection of Welds /
TA 492 .W4 A45 1985

Guide for the Visual Inspection of Welds /
TS 227 .A44 1988

Handbook of Structural Welding / J. Lancaster.
TS 227.2 .L36 1993

Heat Treatment of Welded Steel Structures / D. Croft.
TN 751 .C76 1996

Jefferson's Welding Encyclopedia / American Welding Society.
Ref TS 227 .W37 1997

Math for Welders / N. Marion.
TS 227.2 .M37 1990

The Metals Black Book : Ferrous Metals.
TA 459 .M483 1998

The Metals Blue Book : Welding Filler Metals.
TA 492 .W4 M47 1995

The Metals Red Book: Nonferrous Metals.
TA 479.3 .M47 1998

Metals Technic : a Collection of Techniques for Metalsmiths / T. McCreight.
TT 205 .M435 1992

Metalwork and Enameling : a Practical Treatise / C. Pearce.
TS 725 .M3

Metalwork : Technology and Practice / V. Repp.
TS 205 .R46 1989

Metric Practice Guide for the Welding Industry .
TS 227.2 .A442 1996

Modern Soldering & Brazing Techniques / E. Lieberman.
TT 267 .L54 1988

Modern Welding / by A. Althouse.
TS 227 .W345 2003

Modern Welding : Complete Coverage of the Welding Field / A. Althouse
TS 227 .M557 1992

Modern Welding Technology / H Cary.
TS 227 .C37 2001

Muffler Men [Welded Sculptures from Car Parts] / T. Correll.
NK 8459.M8 C67 2000

Opportunities in Metalworking Careers / M. Rowe.
TS 213 .R694 2000 [on order]

Opportunities in Welding Careers / M. Rowh.
TS 227.7 .R68 1997

Oxyfuel Gas Welding / by K. Bowditch.
TS 228 .B59 2004

Pipe Welding Procedures / R. Hoobasar
TS 280 .R27

Practical Metallurgy and Materials of Industry / J, Neely.
TN 665 .N3 1984

Practical Problems in Mathematics for Welders / F. Schell.
TS 227.2 .S37 1996

Practical Welding / L. Scheck.
TS 227.2 .S37 1996

Safety in Welding and Cutting Standards
Ref WA 485 A172s 1988

Scroll Sawing in Metal : Patterns and Techniques / F. Pozsgai.
TT 205 .P63 2002

Shielded Metal-Arc Welding Basic Training Workbook
TS 227 .H63 1977

Solders and Soldering : Materials, Design, Production, and Analysis for Reliable Bonding / H. Manko.
TT 267 .M26 1992

Standard Symbols for Welding, Brazing and Nondestructive Examination / AWS.
TS 227.2 .S73 1997

Standard Welding Terms and Definitions
Ref TS 227.5 .A46 1994

Structural Welding Code--Aluminum
Ref TS 227 .A43 1990

Structural Welding Code--Reinforcing Steel
Ref TS 227 .S77 1979

Structural Welding Code--Sheet Steel
Ref TS 360 .A431 1989

Structural Welding Code--Steel
TS 227 .S77 2002

Welded Sculpture of the Twentieth Century / J. Collischan.
NB1220 .C65 2000

The Welder's Bible / by D. Geary.
TS 228 .G42 1993

Welder's Handbook : A Guide to Plasma Cutting, Oxyacetylene, ARC, MIG, and TIG Welding / R. Finch.
TS 227 .F5 2007

Welding / D. Geary.
TS 228 .G425 2000

Welding & Joining / Society of Automotive Engineers.
TS 227 .W45 2003

Welding Basics: An Introduction to Practical & Ornamental Welding.
TS 227 .W355 2004

Welding Codes, Standards, and Specifications / J. Mouser.
TS 227.2 .M69 1998

Welding Essentials : Questions & Answers / W. Galvery, Jr.
TS 227 .G23 2000

Welding for Arts and Crafts / D. Roy.
TT 211 .D48 2003

Welding for Collision Repair / L. Jeffus.
TS 227 .J4178 1999

Welding Fundamentals / M. Gellerman.
TS 227 .G43 1995

Welding: Fundamentals and Procedures / J. Galyen.
TS 227 .G24 1984

Welding Guidelines / W. Kielhorn.
TS 227 .K458

Welding Handbook, Volume 1 : Welding Technology / L. Conner.
TS 227 .W387 1987 v.1

Welding Handbook, Volume 2 : Welding Processes / R. O'Brien.
TS 227 .W387 1987 v.2

Welding Handbook, Volume 3 : Materials and Applications / W. Oates.
TS 227 .W387 1987 v.3

Welding Inspection
TS 227 .A45 1980

Welding Metallurgy: Carbon and Alloy Steels / by G. Linnert.
TN 693 .I7 H452

Welding : Principles and Applications / L. Jeffus.
TS 227 .J418 2004

Welding: Principles & Practices / R. Sacks.
TS 227 .S22 2005

Welding Print Reading / J. Walker.
T 379 .W28 1991

Welding Projects / J. Ruck.
TS 227 .R72 1999

Welding Skills / B. Moniz.
TS 227 .M595 2004

Welding Technology / G. Kennedy.
TS227 .K43 1982

Welding Technology Fundamentals / W. Bowditch.
TS 227 .B69 1990

What Do You Know About Welding: Questions and Answers.
TS 227 .W43 1991

WELDING AND JOINING TECHNOLOGY
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Print Periodical Subscriptions:

[Welding Journal](#)

ISSN 0043-2296

[Welding Magazine](#)

ISSN 1935-5572

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Online Periodical Subscriptions via GALILEO:

<u>Journal Title</u>	<u>GALILEO Database</u>
<u>Fabricating and Metalworking</u> ISSN 1541-2415	ProQuest ABI Inform Complete
<u>Gases & Welding Distributor</u> ISSN 1079-3909	EBSCOhost Business Source Complete ProQuest Career and Technical
Materials and Design ISSN 0261-3069	EBSCOhost Academic Search Complete
<u>Science & Technology of Welding & Joining</u> ISSN 1362-1718	EBSCOhost Academic Search Complete
<u>Tooling & Production</u> ISSN 0040-9243	EBSCOhost Business Source Complete ProQuest ABI Inform Complete
<u>Welding Canada</u> ISSN 1482-7425	ProQuest ABI Inform Complete
<u>Welding Design & Fabrication</u> ISSN 0043-2253	EBSCOhost Business Source Complete ProQuest Career and Technical
<u>Welding Magazine</u> ISSN 1935-5572	EBSCOhost Advanced Placement Source
<u>World of Welding</u> ISSN 1545-9691	EBSCOhost MasterFILE Premier

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

Joining Processes : An Introduction / D. Brandon.
Chichester , New York John Wiley & Sons, Ltd. (UK), 1997.

Maintenance Engineering Handbook / L. Higgins.
New York McGraw-Hill Professional, 2002.

MIG Welding Guide / K. Weman
Boca Raton, Fl. Woodhead Publishing, 2006.

Piping Materials : Selection and Applications / P. Smith.
Amsterdam, Boston Elsevier, 2005.

Piping Systems & Pipeline : ASME Code Simplified / J. Ellenberger.
New York : McGraw-Hill Professional, 2005.

Processes and Mechanisms of Welding Residual Stress and Distortion / Z. Feng
Boca Raton, Fl. Woodhead Publishing, 2005.

Welding in Space and Related Technologies / B. Paton
Cambridge, Eng. Cambridge International Science Publishing, 1997.

Welding Metallurgy / S. Kou
Hoboken, N.J. John Wiley & Sons, Inc. (US), 2003.

Welding Processes Handbook / K. Weman
Cambridge, Eng. Woodhead Publishing, 2003.

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[Video/DVD Resources:](#)

Arc Welding, Tape 1 and 2
Gas, Metal, Arc Welding (GMAW) Made Simple
Oxy Welding, Tape 1 and 2
Welding as a Career
Welding, Making it Happen (AWS)
Welding Safety: The Way the Pros Do It (NEMA)

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General Internet Web Resources:

American Welding Society

www.aws.org

Edison Welding Institute

www.ewi.org

Fabricators & Manufacturers Association

www.fmametalfab.org

Go Welding (Welding Procedures, Symbols, Metallurgy, etc.)

www.gowelding.com

History of Welding

www.weldinghistory.org/2007_history/welding/index.html

Metal Web News – Education and Reference Page

www.metalwebnews.com/ed.html

Welding and Joining Technologies and Training

www.khake.com/page89.html

Welding Projects at Lincoln Electric

<http://www.lincolnelectric.com/community/projects/>

Welding Projects at Miller Electric

<http://www.millerwelds.com/interests/projects/>

Welding Projects at Vintage Projects

www.vintageprojects.com/welding-metal-projects.html

Welding Projects at Welding Web

www.weldingweb.com/forumdisplay.php?f=10

Welding Projects at Zena Inc.

www.zena.net/htdocs/welders/projects.shtml

Welding Projects – Students at Wisconsin Tech
www.witc.edu/pgmpages/welding/rl/project02.htm

Welding Projects – Works in Progress
<http://www.nmpproducts.com/myshop.htm>

Welding Web – Professional Welding Forum
www.weldingweb.com

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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](#)
[MasterFILE Premier](#)
[Science & Technology Collection](#)
[Vocational and Career Collection](#)

ProQuest full-text journal databases:

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