WELDING AND JOINING TECHNOLOGY

Library Resources

January 2015
# WELDING AND JOINING TECHNOLOGY

## LIBRARY RESOURCES

## TABLE OF CONTENTS

### WELDING AND JOINING BOOKS, MAGAZINES AND VIDEOS IN THE CGTC LIBRARIES

<table>
<thead>
<tr>
<th>Resource Type</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Print Books</td>
<td>3-8</td>
</tr>
<tr>
<td>Print Magazine Subscriptions</td>
<td>9</td>
</tr>
<tr>
<td>DVD and VHS Video Resources</td>
<td>10</td>
</tr>
</tbody>
</table>

### WELDING AND JOINING BOOKS, MAGAZINES AND VIDEOS ONLINE

<table>
<thead>
<tr>
<th>Resource Type</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Online Magazine Subscriptions via GALILEO</td>
<td>11</td>
</tr>
<tr>
<td>eBooks (Electronic Books) via eBooks on EBSCOhos</td>
<td>12</td>
</tr>
<tr>
<td>Streaming Videos via Films On Demand</td>
<td>13</td>
</tr>
<tr>
<td>Welding &amp; Related Websites (Associations, Organizations, etc.)</td>
<td>14-15</td>
</tr>
<tr>
<td>Other Databases in GALILEO relevant to Welding and Joining Technology</td>
<td>16</td>
</tr>
</tbody>
</table>
Print Books:

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

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

TT 211 .R88 2006

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

TL 278 .Z87 2009

Blueprint Reading for the Machine Trades, revised 6th ed. / R. Schultz.
T 379 .S29 2009

Blueprint Reading for Welders, 8th ed. / A. Bennett.
T 379 .B38 2009

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

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

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

Fabrication and Welding Engineering / R. Timings.  
TS 227 .T54 2008

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

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

TK 4660 .M53 2000

TS 227.2 .G85 1994


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

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

How to Start & Manage a Welding Business / J. Lewis.  
TS 227 .L87 2007

How to Weld / T. Bridigum.  
TS 227 .B745 2008

How to Weld Damn Near Anything / Monster Garage.  
TS 227 .F46 2004
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

TT 205 .M435 1992

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

TS 227.2 .A442 1996

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

Modern Welding, 11th ed. / A. Althouse.
TS 227 .W345 2012

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

TS 227 .C37 2005

NK 8459.M8 C67 2000

Opportunities in Metalworking Careers / M. Rowh.
TS 213 .R694 2000

Opportunities in Welding Careers / M. Rowh.
TS 227.7 .R68 1997
Oxyfuel Gas Welding / by K. Bowditch.
TS 228 .B59 2004

TL 278 .F553 2005

Pipe Welding Procedures / H. Rampaul.
TS 280 .R27 2003

Plastics and Composites Welding Handbook /
TP 1160 .P53 2003

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

TS 227 .M37 2008

Safety in Welding and Cutting Standards /
Ref WA 485 A172s 1988

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

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

TS 227 .F5 2007

Welding / D. Hoffman.
TS 227 .H597 2012

Welding, 2nd ed. / D. Geary.
TS 228 .G425 2011

TS 227 .T43 2010

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.

Welding Complete : Techniques, Project Plans & Instructions /
TS 227 .W53 2009

Welding Essentials : Questions & Answers / W. Galvery, Jr.
TS 227 .G23 2007

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

Welding Fundamentals / M. Gellerman.
TS 227 .G43 1995
TS 227 .G24 1984

Welding Guidelines / W. Kielhorn.  
TS 227 .K458

TS 227 .W387 1987 v.1

TS 227 .W387 1987 v.2

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

TS 227 .J418 2012

TS 227 .S22 2005

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

Welding Projects / J. Ruck.  
TS 227 .R72 2005

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

TS 227 .B69 2010

Welding Trainee Guide: Levels One, Two & Three / NCCER.  

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

Machine Design
ISSN: 0024-9114

Manufacturing Engineering
ISSN: 0361-0853

Practical Welding Today (on order)
ISSN 1092-3942

Welding Magazine
ISSN 1935-5572
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)
## Online Magazine Subscriptions via GALILEO:

<table>
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<tr>
<th>Magazine Title</th>
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</thead>
<tbody>
<tr>
<td><strong>Fabricating and Metalworking</strong></td>
<td>ProQuest ABI/INFORM Complete</td>
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<tr>
<td>ISSN 1541-2415</td>
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<tr>
<td><strong>Gases &amp; Welding Distributor</strong></td>
<td>EBSCOhost Business Source Complete</td>
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<tr>
<td>ISSN 1079-3909</td>
<td>ProQuest Career and Technical</td>
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<td><strong>Ironmaking &amp; Steelmaking</strong></td>
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<td><strong>Machine Design</strong></td>
<td>EBSCOhost Academic Search Complete</td>
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<tr>
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<td></td>
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<tr>
<td><strong>Manufacturing Engineering</strong></td>
<td>ProQuest Research Library</td>
</tr>
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<tr>
<td><strong>Modern Machine Shop</strong></td>
<td>EBSCOhost Vocational &amp; Career</td>
</tr>
<tr>
<td>ISSN: 0026-8003</td>
<td></td>
</tr>
<tr>
<td><strong>Plant Engineering</strong></td>
<td>EBSCOhost Academic Search Complete</td>
</tr>
<tr>
<td>ISSN: 0032-082X</td>
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<td><strong>Science &amp; Technology of Welding &amp; Joining</strong></td>
<td>EBSCOhost Academic Search Complete</td>
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<tr>
<td><strong>Tooling &amp; Production</strong></td>
<td>EBSCOhost Business Source Complete</td>
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<td>ProQuest ABI/INFORM Complete</td>
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<tr>
<td><strong>Welding Design &amp; Fabrication</strong></td>
<td>EBSCOhost Business Source Complete</td>
</tr>
<tr>
<td>ISSN 0043-2253</td>
<td>ProQuest Career and Technical</td>
</tr>
<tr>
<td><strong>Welding Magazine</strong></td>
<td>EBSCOhost Advanced Placement Source</td>
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<tr>
<td>ISSN 1935-5572</td>
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Electronic Books (eBooks) via eBooks on EBSCOhost:


Online Videos via Films on Demand:

Gas Metal Arc Welding (GMAW)
Gas Tungsten Arc Welding (GTAW)
Industrial Welder
Introduction to Gas Metal Arc Welding and Flux Core Welding
Introduction to Oxyfuel Welding
Introduction to Shielded Metal Arc Welding
Oxy-fuel and Plasma Cutting
Shielded Metal Arc Welding (SMAW)
Tools of the Trade: Inside the Welder's Toolbox
Welding
Welding Safety

*Off-Campus Users will be prompted for a GALILEO password. To obtain the GALILEO Password:

1. Email the CGTC Library at: library@centralgatech.edu
2. Type “GALILEO Password Request” in email subject line
3. Include your First and Last Name and CGTC ID# in the body of the message

*Alternate access to FILMS ON DEMAND from Off-Campus:

1. Go to: http://digital.films.com
2. Enter the following “User ID/Email” and “Password” info (in all lowercase letters) and then click the Login button:
   - **User ID/Email:** cgtc
   - **Password:** library
Welding and Joining Technology & Related Websites:

American Welding Society
www.aws.org

Arc Welding
www.arc-welding.org/

Fabricating & Metalworking
www.fabricatingandmetalworking.com

Fabricators & Manufacturers Association, International
http://fmanet.org/

Go Welding (Welding Procedures, Symbols, Metallurgy, etc.)
www.gowelding.com

History of Welding
http://weldinghistory.org/

Metal Web News – Education and Reference Page
www.metalwebnews.com/ed.html

United Association – Union of Plumbers, Fitters, Welders and HVAC Service Techs
www.ua.org

United Association – Local Union 72 (Atlanta, Macon, Rome, & Albany)
http://site.ua72.org/

Welding and Joining Technologies and Training
www.khake.com/page89.html

Welding Design & Fabrication
www.weldingdesign.com

Welding Projects at Miller Electric
www.millerwelds.com/interests/projects/
Welding Projects at Vintage Projects
www.vintag/projects.com/welding-metal-projects.html

Welding Projects at Zena Inc.
www.zena.net/htdocs/welders/projects.shtml

Welding Projects – Students at Wisconsin Indianhead Technical College
http://www.witc.edu/pgmpages/welding/projects.htm

Welding Safety at Lincoln Electric

Welding Web – Professional Welding Forum
www.weldingweb.com
Full Text Databases Online via GALILEO:

**EBSCOhost full-text journal databases:**
- Academic Search Complete
- Advanced Placement Source
- MasterFILE Elite
- Science and Technology Collection
  - Vocational and Career Collection

**ProQuest full-text journal databases:**
- ABI/INFORM Complete
- Career & Technical Education
- Research Library

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