



Welding and Joining Technology Resources



Lanier Technical College Library

Winder Campus Room 350

Contact the Library

Library Website: <http://www.laniertech.edu/library>

Ask a Librarian: (770) 531-6379 or bhedrick@laniertech.edu

START YOUR RESEARCH HERE (Go to [Library web page](#) to view these Resources)

Encyclopedia Britannica

Try search terms such as “welding” or “metalworking” to explore images, photographs, and encyclopedic entries.

GALILEO

The following databases and journals are available online through GALILEO. Off-campus access requires a password, which may be picked up at the library each quarter, or requested by e-mailing your name and ID # to bhedrick@laniertech.edu.

Recommended Databases:

[Academic Search Complete](#) Articles, some peer-reviewed, all topics

[Career and Technical Education](#) Valuable resource for career topics

[Research Library \(at ProQuest\)](#) Articles, all topics, peer-reviewed

[Science & Technology Collection](#) Scientific research, peer-reviewed

[Vocational & Career Collection](#) Trade and industry publications

Full-Text Journals:

[Welding Design & Fabrication](#) (from 1997 – 2006)

[Welding Magazine](#)

[World of Welding](#) (Available from 2006 – 2009)

Georgia Career Information Center *Career information Georgia occupations.*

Note: You will be prompted for a username and password.

Username = laniertcl

Password = gcis902

Learning Express

Online practice tests with instant scoring and feedback.

Go to the [library web site](#) and click on [Online Resources](#). Your username will be your student ID number, and choose a password you will remember.

EBSCOhost eBooks (Over 30,000 e-books which may be viewed at home or campus)

- Joining processes: An introduction (1997)
- Processes and mechanisms of welding residual stress and distortion (2005)
- Welding in space and related technologies (1997)

USEFUL WEBSITES

American Welding Society

www.aws.org

Edison Welding Institute - Welding Resources, Conferences, and Organizations

www.ewi.org

iWelder - Portal serving the welding industry. Designed to help busy welders find equipment manufacturer, electrode, wire and consumable suppliers, welding accessories, used equipment, schools, trade publications and associations.

www.iwelder.com

Dictionary of Welding Terms - Welding terms and practical welding information provided by Miller Electric. Get the definitions of MIG, GMAW, OCV, RMS and many others.

<http://www.millerwelds.com/resources/dictionary.html>

Free Welding Projects and Plans - Hundreds of free drawings and project plans for do-it-yourself welding and metal-shop projects.

http://metals.about.com/cs/metalworking/l/blproject_plans.htm

Health Hazards of Welding - Online guide explaining the hazards of many welding processes and ways to reduce the hazards through safe work practices. Covers short-term and long term health effects of exposure to metal smoke, as well as other hazards such as excessive heat, noise and infrared radiation.

<http://www.afscme.org/issues/73.cfm>

Welding Resource Center Tips, Forums, Training and Certifications, and Product News

www.welding.com/welding_resources.asp

Welding Symbol Guide - Cryptic symbols are used on engineering and fabrication drawings as a shorthand method for describing the type of weld, its size, and other processing and finishing information. Learn the ANSI/AWS A2.4, symbols for welding and nondestructive testing.

<http://www.unified-eng.com/scitech/weld/weld.html>

Searching the Library Catalog

The Library Catalog shows holdings at all LTC libraries. Go to the LTC Library home page and click on [Library Catalog](#). Start with a **Keyword Search** (welding, metalwork, etc.) You may also explore **Subject Headings** to find relevant materials. You can request books to be sent from another campus by emailing the librarian.

Call Numbers to Browse

T 1 – T 995 __ *Technology*

TS 200 – 700 __ *Metalworking. Metal manufacturing.*

TS 227 – 230 __ *Welding and joining technology*

Reference Books at Oakwood (May be used only in Library)

Ask the librarian for assistance with reference materials, or browse by call number.

Tool and Manufacturing Engineers Handbook (1983-1998) R TS127 T63 v.1-9

At Lanier Technical College Library we are here to assist you!

Please contact us with any questions!

Beth Hedrick, Director of Library Services

(770) 531-6379

bhedrick@laniertech.edu



Lindsay White, Adjunct Evening Librarian (Oakwood)

(770) 531-6090

lwhite@laniertech.edu

