

# Library Resource Guide

Website: <http://www.bowlinggreen.kctcs.edu/lrc/>

Phone: 270-901-1026 | Fax: 270-901-1137 | Email: [bg-libraryinfo@kctcs.edu](mailto:bg-libraryinfo@kctcs.edu)

## Applied Technology: Air Conditioning, CAD, Industrial Maintenance, Machine Tool, Welding

### Library Catalogs

Bowling Green Technical College Library: <http://opac.kctcs.edu> (Limit search to **Bowling Green TC**)  
 Bowling Green Public Library: <http://catalog.bgpl.org/>  
 Western Kentucky University Libraries TOPCAT: <http://topcat2000.wku.edu/>

Materials can be borrowed from WKU Libraries and delivered to the BGTC Library.  
 Submit the [BGTC/WKU Library Book Service Form](#) on the library's website to staff at the Help Desk.

### Library of Congress (LC) Call Numbers

Look for the call numbers listed below on the library shelves to find print and audio-visual materials on the following subjects:

- General Technology: **T**
- Air conditioning, Building Construction: **TH**
- Machine Tool: **TJ**
- Welding: **TS**

Library of Congress Classification System is available at: <http://www.loc.gov/catdir/cpsol/lcco/>

### Subject Headings

Use the subject headings listed below when searching a library catalog for materials:

- |                                     |                                             |
|-------------------------------------|---------------------------------------------|
| • Air Conditioning                  | • Machine-tools                             |
| • Blueprints                        | • Machine-shop practice                     |
| • Building                          | • Metallurgy                                |
| • Dwellings-Air conditioning        | • Occupational Health                       |
| • Dwellings-Heating and ventilation | • Power Tools                               |
| • Heating                           | • Refrigeration and refrigeration machinery |
| • Hydraulic machinery               | • Robotics                                  |
| • Industrial equipment              | • Ventilation                               |
| • Industrial health                 | • Welding                                   |
| • Industrial waste disposal         |                                             |

### Reference and Circulating Resources

- |                                                                       |                        |
|-----------------------------------------------------------------------|------------------------|
| • Construction Specifications                                         | TH 425 M438 (2008)     |
| • Illustrated 2006 Building Code Handbook                             | TH 420 P38 (2007)      |
| • Architectural Graphics Standards                                    | TH 2031 R35 (2000) REF |
| • CNC Programming – Principles and Applications                       | TJ 1189 M37 (2002)     |
| • Tool and Die Making Troubleshooter                                  | TJ 1185 L418 (2003)    |
| • Machinery's Handbook 28 <sup>th</sup> edition                       | TJ 151 M33 (2008) REF  |
| • McGraw-Hill Machining and Metalworking Handbook 3 <sup>rd</sup> ed. | TJ 1185 W35 (2005) REF |
| • McGraw Hill Encyclopedia of Science & Technology                    | Q 121 M3 (2002) REF    |
| • Modern Robotics                                                     | TJ 211 H36 (2006)      |
| • Welding Essentials                                                  | TS 227 G23 (2005)      |

### Periodicals

- |                                                 |                                |
|-------------------------------------------------|--------------------------------|
| • Bowling Green Daily News ( <i>newspaper</i> ) | • Metal Forming                |
| • Builder                                       | • Occupational Health & Safety |

- Consumer Reports
- EC&M – Electrical, Construction, & Maintenance
- HVACR Business and HVACR the NEWS
- Industry Week
- Job Site
- Springs: The International Magazine of Spring Manufacture
- Welding Journal
- Welding Magazine

### Multimedia (DVD)

- Building Trades TH 4811 B8580 (2004)
- Construction Print Reading for the 21<sup>st</sup> Century\*
- Deconstruction: the Science of Building a House-Foundation to Roof (Vol. 1) TH 4811 D43 (2004)
- Deconstruction: the Science of Building a House-Plumbing to Paint (Vol. 2) TH 4811 D48 (2004)
- Introduction to Welding (4 vols): TS 228 I580 (2003)
  - Introduction to Gas Metal Arc Welding & Flux Core Welding
  - Introduction to Gas Tungsten Arc Welding
  - Introduction to Oxyfuel Welding
  - Introduction to Shielded Metal Arc Welding
- Residential Air Conditioning Fundamentals\*
- Residential Heating Systems\*

*Please see library staff for titles marked with an \**

### Multimedia (VHS)

Please see library staff for these titles:

- HVAC: Equipment & Test Instruments
- HVAC: Service and Installation Tools
- HVAC: Sheet Metal Tools and Materials
- HVAC: The Refrigeration Cycle

### Databases (use these to find indexed, full-text journals and magazine articles)

#### CREDO reference

<http://www.credoreference.com>

Features content from hundreds of popular reference books on a broad range of subjects. The following computer reference guides are available: Collins Dictionary of Computing, Computer Graphics Companion, Wiley Dictionary of Communications Technology: Terms, Definitions and Abbreviations, Dictionary of Multimedia and Internet Applications: A Guide for Developers and Users, Dictionary of Personal Computing and the Internet, Encyclopedia of Computer Science, Focal Dictionary of Telecommunications, Hargrave's Communications Dictionary, High Definition: A-Z Guide to Personal Technology, Newnes Dictionary of Electronics, Webster's New World™ Computer Dictionary. Provides **APA** and **MLA** citation style formats.

#### Gale

<http://find.galegroup.com/menu/commonmenu.do?userGroupName=kctcsbgtc>  
(Off Campus use <https://216.69.39.58/login> )

Databases: **Academic OneFile**, **Health Reference Center Academic**, **Expanded Academic ASAP**, **Opposing Viewpoints Resource Center**, **Health and Wellness Resource Center**.

Provides extensive coverage of peer-reviewed, full-text articles from journals, magazines, newspapers, reference materials and multimedia sources. Provides citation information in **APA** and **MLA** styles.

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#### Kentucky Virtual Library (KYVL)

<http://www.kyvl.org>

(Available Off Campus—Contact library for current Username & Password)

Resources: **EBSCOhost**, **Grolier Encyclopedias** (Encyclopedia Americana), **ProQuest**, **Kentuckiana Digital Library** and **Kentucky Statistics**.

Click on the link, [Find Books, Articles, and More](#), in order to connect directly to a database.

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### NetLibrary (Electronic Books)

<http://www.netlibrary.com>

(Available Off Campus—Must create a free account on campus first.)

Provides full-text access to hundreds of nonfiction ebooks of interest to students. These ebooks are listed in the BGTC Library Catalog and are indicated by the words, [electronic resource], following the book's title in the catalog listing.

### Website Resources

- Association for Facilities Engineering (AFE): <http://www.afe.org/>
- Kentucky Energy Code:  
[http://www.energycodes.gov/implement/state\\_codes/state\\_status.php?state\\_AB=KY](http://www.energycodes.gov/implement/state_codes/state_status.php?state_AB=KY)
- Kentucky Office of Housing, Buildings and Construction: <http://www.ohbc.ky.gov/>
- Plant Maintenance Resource Center: <http://www.plant-maintenance.com/>
- Society for Maintenance and Reliability Professionals (SMRP): <http://www.smrp.org/>
- Society of Manufacturing Engineers (SME): <http://www.sme.org>  
Includes online access to the magazine, *Manufacturing ENGINEERING*.
- Thomas Register: <http://www.thomasnet.com/>  
The most comprehensive resource for finding information on suppliers of industrial products and services in North America.
- WKU Research Guide on Architectural and Manufacturing Sciences:  
<http://www.wku.edu/Library/dlps/rsrchguides/dept/html/archman.html>

### Evaluation & Citation

The Kentucky Virtual Library (KYVL) has tutorials on how to do research at

<http://www.kyvl.org/html/tutorial/research/>.

Provides assistance with Evaluating Information, Searching the Web and Citing Sources.

Evaluate all information carefully. Websites present additional challenges. Use the evaluation criteria below to determine the quality of information sources.

- |                 |                              |
|-----------------|------------------------------|
| #1: Authority   | (who's responsible?)         |
| #2: Accuracy    | (is this for real?)          |
| #3: Objectivity | (what's the bottom line?)    |
| #4: Currency    | (how timely is this?)        |
| #5: Coverage    | (what's included? excluded?) |

A good researcher uses a standard citation format to identify the information used and give credit to its creator. Consistency is crucial.

Revised March 2009