

Engineering Technology and Electrical Technology

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**
- **BUILDING CONSTRUCTION: TH**
- **ELECTRICAL: TK**

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

SUBJECT HEADINGS

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

- Blueprints
- Building
- Electric engineering
- Electric machinery
- Electric wiring
- Electricity
- Electronic Circuits
- Electrical control
- Industrial health
- Occupational Health
- Power Tools
- Welding

REFERENCE AND CIRCULATING RESOURCES

Check the Library Catalog for a complete listing: <http://opac.kctcs.edu>

- | | |
|--|------------------------|
| • American Electrician's Handbook | TK 151 C8 (2002) REF |
| • Electric Motors and Motor Controls | TK 2851 K444 (2007) |
| • Illustrated Code Changes NEC 2008 | TK 260 S765 (2008) |
| • McGraw Hill Encyclopedia of Science & Technology | TK 3205 M55 (2004) REF |
| • NEC 2008 Need to Know | TK 260 K45 (2008) |
| • Significant Changes to the NEC 2008 | TK 260 S54 (2008) |
| • Van Nostrand's Scientific Encyclopedia (3 vol.) | Q 121.V3 (2008) REF |

PERIODICALS

- Bowling Green Daily News (*newspaper*)
- Consumer Reports
- Electrical Contractor
- EC&M Electrical Construction and Maintenance
- Electronic House
- Industry Week
- Occupational Health and Safety

MULTIMEDIA (DVD)

- Building Trades TH 4811 B8580 2004
- Construction Print Reading for the 21st Century
- Deconstruction: the Science of Building a House-Foundation to TH 4811 D43 2004

- Roof (Vol. 1)
- Deconstruction: the Science of Building a House-Plumbing to Paint (Vol. 2) TH 4811 D48 2004
- Electrical Safety TJ 1177 W660 2004
- Residential Electrical Wiring: GFICs and AFICs TK 2821 P36 2003
- Residential Electrical Wiring: Grounding TK 3227 G76 2003
- Residential Electrical Wiring: Panelboards TK 2821.P36 2003
- Residential Electrical Wiring: Receptacles & Switches TK 3271 R474 2003
- Residential Electrical Wiring: The Service Entrance TK 2821 S48 2003
- Residential Electrical Wiring: Wiring Light Fixtures TK 4255 W57 2003

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 reference guides are available: Dictionary of Engineering Terms, Dictionary of Architecture and Construction, Newnes Dictionary of Electronics. 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.

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.

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

- **How Stuff Works:** <http://electronics.howstuffworks.com/>
This site offers easy-to-understand explanations of how stuff actually works. In addition to comprehensive articles, the site includes helpful graphics and informative videos.
- **Kentucky Energy Code:**
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/>
- **National Electrical Code:** <http://www.energycodes.gov/>
- **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