

ELECTRONIC ENGINEERING TECHNOLOGY

This is a guide to the Library's collection in Electronic Engineering Technology. It is not comprehensive, but provides a good starting point for research. From these sources, you may locate other related works. Please don't hesitate to ask a librarian if you need assistance.

Subject Headings:

Digital Electronics	Digital Integrated Circuits	Electric Circuits
Electronics	Integrated Circuits	Logic Circuits
Microprocessors	Semiconductors	

Call Numbers for Browsing:

TK 1-9971	Electrical Engineering	TK 1001-1841	Production of Electric Energy
TK 7800-8360	Electronics	TK 3001-3521	Distribution of Electric Power

Databases:

Applied Science and Technology Index – Articles on scientific and technical topics such as aeronautics, applied mathematics, automotive engineering, chemical engineering, electrical and electronic engineering, geology, machinery, nuclear engineering, physics, robotics, textile industry, etc.

General Reference Center Gold – General database that searches magazines, newspapers, and reference books for information on current events, business, industry, arts, science, entertainment, sports, and more.

OmniFile Mega – A one-stop multidisciplinary database covering many subjects such as: education, sciences, humanities, social sciences, etc. Contains everything (all the indexing, abstracting, and full-text) in the six other Wilson databases: Education Index, Science Index, Humanities Index, Readers' Guide Index, Social Sciences Index, Business Index.

Oxford Reference – Over 130 language and subject dictionaries and reference books covering many topics including literature, arts, humanities, science, business, quotations, etc. Also, provides access to all the *Oxford Companions* series.

SIRS – Includes articles and graphics on social, scientific, economic, health, historic, business, political, global issues, music, art, film, literature, architecture, performing arts, religion, design, culture, philosophy, current and historic government documents, and information about the federal government, U.S. Justices, U.S. Presidents, and U.S. Supreme Court decisions. Also contains links to and summaries of selected, quality Internet Web pages from the United States and around the world.

Journals and Periodicals:

<i>Bulletin of the Atomic Scientists</i>	<i>EDN</i>	<i>Electrical Apparatus</i>
<i>Electrical Construction and Maintenance (EC&M)</i>	<i>Electronic Design</i>	<i>Electronic Servicing and Technology</i>
<i>Electronics Now</i>	<i>IEEE Potentials</i>	<i>Nuts & Volts</i>
<i>Poptronics</i>	<i>Popular Electronics</i>	

Selected Reference and Circulating Materials:

Floyd, Thomas L. *Electronic Devices: Electron Flow Version*. Upper Saddle River, NJ: Pearson Prentice Hall, 2005.

TK 7870 .F55 2005

Gibilisco, Stan. *Teach Yourself Electricity and Electronics*. New York: McGraw-Hill, 2002. **TK 7819 .G38 2002**

Kaplan, Steven M., ed. *Wiley Electrical and Electronics Engineering Dictionary*. Hoboken, NJ: Wiley-Interscience, 2004.

Ref TK 9 .K39 2004

More Selected Reference and Circulating Materials:

Maxfield, Clive. *Bebop to the Boolean Boogie: An Unconventional Guide to Electronics Fundamentals, Components, and Processes*. Boston: Newnes, 2003. **TK 7868 .D5 M323 2003**

Merchant, Michael. *Exploring Electronics: Techniques and Troubleshooting*. Upper Saddle River, NJ: Prentice Hall, 1998. **TK 7816 .M457 1998**

Nanoelectronics and Information Technology: Advanced Electronic Materials and Novel Devices. Wiley-VCH, 2003. **TK 7874.8 .N362 2003**

Paynter, Robert T. *Electronics Technology Fundamentals: Conventional Flow Version*. Upper Saddle River, NJ: Pearson Prentice Hall, 2005. **TK 7816 .P39 2005**

Paynter Robert T. *Introductory Electronic Devices and Circuits: Conventional Flow Version*. Upper Saddle River, NJ: Pearson Prentice Hall, 2006. **TK 7871.85 .P386 2006**

Rehg, James A. *Industrial Electronics*. Upper Saddle River, NJ: Pearson Prentice Hall, 200. **TK 7881 .R437 2006**

Standard Handbook of Electronic Engineering. New York: McGraw-Hill, 2005. **Ref TK 7825 .E34 2005**

Tomal, Daniel R. *Electronic Troubleshooting*. New York: McGraw-Hill, 2004. **TK 7870.2 .T66 2003**

Additionally, you may find the Knovel Books Online useful. These electronic books are available in full-text through the Library's homepage.

Knovel Books Online - A collection of over 1,700 full-text books covering 22 different technical categories, including: Aerospace & Radar Technology; Biochemistry, Chemistry & Chemical Engineering; Electrical & Power Engineering; Mechanics & Mechanical Engineering; Semiconductors & Electronics, and more.

Selected Internet Sites:

IEEE	http://www.ieee.org
Electronic Teaching Assistant - Circuits	http://www.clarkson.edu/~svoboda/eta/index.html
American Electronics Association	http://www.wral.com/news/page/2019491/?id_entity=8832
Independent Distributors of Electronics Association	http://www.idofea.org
Electrical Safety Foundation International	http://www.esfi.org
EETimes.com	http://www.eetimes.com
Ask a Scientist Archive – Engineering	http://www.newton.dep.anl.gov/askasci/engine98.htm
Electronics Manufacturing News, Products, Etc.	http://www.electroiq.com
Semiconductor Subway	http://www-mtl.mit.edu/semisubway/semisubway.html
Electronic Products Magazine Online	http://www2.electronicproducts.com