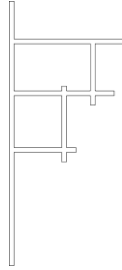


Guide to Selected Library Resources on

ELECTRONICS & COMPUTER ENGINEERING TECHNOLOGY



Madigan Library

Classification of Materials

The Library of Congress classifications for electronics are TK. More specifically, TK is broken down as follows:

TK1-9971	Electrical engineering. Electronics. Nuclear engineering
TK301-399	Electric meters
TK452-454.4	Electric apparatus and materials. Electric circuits. Electric Networks
TK1001-1841	Production of electric energy or power. Powerplants. Central stations
TK2000-2891	Dynamolectric machinery and auxiliaries Including generators, motors, transformers
TK2896-2985	Production of electricity by direct energy conversion
TK3001-3521	Distribution or transmission of electric power
TK4001-4102	Applications of electric power
TK4125-4399	Electric lighting
TK4601-4661	Electric heating
TK5101-6720	Telecommunication Including telegraphy, telephone, radio, radar, television
TK7800-8360	Electronics
TK7885-7895	Computer engineering. Computer hardware
TK8300-8360	Photoelectronic devices (General)
TK9001-9401	Nuclear engineering. Atomic power
TK9900-9971	Electricity for amateurs. Amateur constructors' manuals

Browsing in any of these areas may lead to the discovery of valuable material in addition to the specific items listed in this guide.

Catalogs and Indexes

The Madigan Library's online catalog includes information about all items in the library's physical and virtual collections. When using the catalog, you may search by **author**, **title**, **subject**, or **words or phrase**. You can limit your search to videos, DVDs, etc. by choosing the **Media Search** feature. You can also choose the **Periodicals Search** feature to find magazines, journals and newspapers the library subscribes to in print or electronically. Note, however, this type of search does not locate individual articles. To do this, use the **Databases** link from the library's home page and choose a broad subject heading, such as **Science and Technology**.

Journals

Listed below are some magazines and journals to which the Madigan Library currently subscribes:

Broadcast Engineering*	Journal of Electronic Materials*
Circuit World*	Microwaves and RF*
Electronic Design	Semiconductor International*
Electronics Weekly*	Solid State Technology*
Journal of Broadcasting & Electronic Media	Video Systems*

* Denotes electronic access only

In the following lists, REF indicates resources in the Reference Collection on the 1st Floor of the Madigan Library.

Dictionaries

Electronics Dictionary for Technicians	REF TK7804 .A33 1992
Illustrated Dictionary of Electronics	REF TK7804 .G497 2001
Modern Dictionary of Electronics	REF TK7804 .G67 1997
Wiley Electrical and Electronics Engineering Dictionary	REF TK9 .K39 2004

Encyclopedias

Concise Encyclopedia of Semiconducting Materials & Related Technologies	REF TK7871.85 .C595 1992
Encyclopedia of Electronics	REF TK7804 .E47 1990
International Encyclopedia of Integrated Circuits	REF TK7874 .I579 1989
Wiley Encyclopedia of Electrical and Electronics Engineering	REF TK9 .E53 1999 v.1-24

Guides and Handbooks

AARL Handbook for Radio Communications	REF TK6550 .R18 2010
Electrical Engineering Handbook: Computers, Software Engineering, and Digital Devices	REF TK7885 .E44 2006
Electrical Engineering Handbook: Electronics, Power Electronics, Optoelectronics, Microwaves, Electromagnetics, and Radar	REF TK145 .E435 2006
Electrical Engineering Handbook: Sensors, Nanoscience, Biomedical Engineering, and Instruments	REF R857 .B54 E44 2006
Electronic Materials and Processes Handbook	REF TK7836 .E4654 2004
Electronics Handbook	REF TK7867 .E4244 2005
Electronics Technology Handbook	REF TK7825 .S33 1999
Radar Handbook	REF TK6575 .R262 2008
Robust Electronic Design Reference Book	REF TK7870 .B353 2004 v.1-2
Standard Handbook for Electrical Engineers	REF TK151 .S8 2007

World Wide Web Resources

The Madigan Library has many excellent resources available on the Internet. Use the homepage at www.pct.edu/library as a portal to them.

The Electronics & Computer Engineering Technology Subject Guide is available at www.pct.edu/library/research/subjectguides/electronics. Use this link to access Web sites that have been selected and evaluated by a librarian.