



### Some Useful LC Call Numbers:

**T:TECHNOLOGY & ENGINEERING** [T 351-385: mechanical drawing & Computer Graphics]

TA	General & Civil Engineering	TK	Electrical Engineering
TC	Hydraulic Engineering	TL	Motor Vehicles & Aeronautics
TD	Environmental Engineering	TN	Mining & Metallurgy
TE	Highway Engineering	TP	Chemical Engineering
TH	Building Construction	TR	Photography
TJ	Mechanical Engineering	TS	Manufacturing & Industrial Engineering

NA: Architecture

### Looking It Up: Selected Reference Materials

**Access Science** (online encyclopedia of science & technology) [www.accessscience.com](http://www.accessscience.com)  
 Login: cck password: science (single-user license; please log out when finished!)

#### Reference Shelves:

<i>Design for Manufacturability Handbook</i>	TS 176 .H337 1999
<i>Electromechanical Design Handbook</i>	TJ 163 .W35 1995
<i>Encyclopedic Dictionary of Gears and Gearing</i>	TJ 184 .S76 1995
<i>How Things Work Today</i> (Scientific American)	T 47 .S43 2000
<i>How Products Are Made</i>	TS 146 .H67 1994
<i>Machinery's Handbook</i>	TJ 151 .M3 2000
<i>McGraw-Hill Encyclopedia of Science &amp; Technology</i>	Q 121 .M3 2002

### In-Depth Coverage: Circulating Books

**COUGARCat**  
**Library Catalog:**



To find...	Search by...	Example
...a specific book	<b>Title</b>	<b>to engineer is human</b>
...items <b>by</b> an author	<b>Author</b>	<b>shumaker, terence</b>
...books on a <b>topic</b>	<b>Keyword</b>	<b>s:comput* and human*</b> <b>product* and design*</b>
	s: means search in the <i>subject</i> field only	
	* product* retrieves <i>product, products, production...</i>	
** Check the <b>subject headings</b> assigned to items for additional useful search terms!		

Need an item that is

checked out? Click and enter your ID  number to be next in line.

### E-Books:

**NetLibrary:** CCC Library subscribes to thousands of current, academic e-books.

Find items through *CougarCat* (they will show a call number followed by “e-book”) or directly from *NetLibrary* ([www.netlibrary.com](http://www.netlibrary.com)). Create an account at the Library for home access.

**NAS Press:** The *National Academy of Sciences* provides free online access to >2500 of their titles.

Go to [www.nap.edu/browse.html](http://www.nap.edu/browse.html) and view the *Physical Science* and *Space Science* categories. (These items do *not* appear in *CougarCat*.)



## **Periodicals: Research, News, Hot Topics & Features**

**Journals:** formal, peer-reviewed articles in which researchers report their new work

**Magazines:** news and features for non-specialists or the general public

**Trade Journals:** news, features and career information for professionals in a field

### **Drafting, Engineering & Manufacturing periodicals in print at CCC Library:**

*Automotive News*  
*Aviation Week & Space Technology*  
*Cadalyst*  
*Cadence*

Magazine websites (try a Google search) may provide article summaries, a few featured articles, and/or added features such as audio/video clips and links to further information. Articles from many additional journals and magazines are available full-text via *Academic Search Premier* (EBSCO).

**Article Indexes** (Research Gateway >> Article Indexes; ask for passwords to use from home)

**EBSCO: *Academic Search Premier* and *Business Source Premier***

Try the **Subjects** ("Thesaurus" in BSP) tab to browse subject headings for more precise results.

Use **Refine Search** to find only... items available in **full text**; **peer-reviewed** items; items **held at CCC**

**NewsBank: *Oregonian* and *Newsfile*** (full text articles from over 500 U.S. newspapers)

**Obtaining Articles** Owned at CCC: Alphabetical by journal title in the **Periodicals** section.

Not owned at CCC: Request an article by **Interlibrary Loan**



## **World Wide Web Resources: a few good starting points**

(see also our Research Guides on Web Searching and Web Evaluation)

**Google** ([www.google.com](http://www.google.com))

**Directory >>**

**Computers >> CAD and CAM**

**Science >> Technology >> Manufacturing**

**Images**

**Infomine** ([infomine.ucr.edu](http://infomine.ucr.edu))

**Scout Report** ([scout.cs.wisc.edu/](http://scout.cs.wisc.edu/))

American Society of Mechanical Engineers

[www.asme.org](http://www.asme.org)

Association for Computer Aided Design in Architecture

[www.acadia.org/](http://www.acadia.org/)

Cadalyst Magazine

[www.cadalyst.com/cadalyst/](http://www.cadalyst.com/cadalyst/)

CAD Tutor

[www.cadtutor.net/](http://www.cadtutor.net/)

Civil Engineering Magazine (ASCE)

[www.asce.org/cemagazine](http://www.asce.org/cemagazine)

REMEMBER: Information available on the Web is information that people are willing to **give away**. Be skeptical, and evaluate the credibility of the information using the **same criteria** (author's credentials, publisher's reputation, writing style and accuracy, references cited...) you would with print material.

**Interlibrary Loan:** Need a book or article we don't have? We may be able to borrow it for you.

Use the **SUMMIT** catalog ([orbis.uoregon.edu](http://orbis.uoregon.edu)) to find information on existing items.

Place a request from our website. Interlibrary loans generally take 1-2 weeks.

(In a rush? Try: **Research Gateway >> Search Other Libraries**)