

Sources in

INDUSTRIAL ENGINEERING

This guide lists a selection of the more important sources of information on Industrial Engineering available at Concordia Libraries. It includes material held in the Webster Library (WEB) on the Sir George Williams Downtown Campus, in the Vanier Library (VAN) on the Loyola Campus and/or available online. Most materials are located in the Reference area (REF). **This is not a complete list.** Additional resources may be found by searching CLUES, the library catalogue.

For more information, consult the **Research Guides by Subject** available on the Libraries' Web site at <http://library.concordia.ca/research/subjects/mecheng> or contact the reference librarian.

Guides to Engineering Information

These resources will help you to identify many major sources of information. You can then check in CLUES to see if the newly located items are in the library.

Information sources in engineering

REF T 10.7 I54 2005 WEB

Using the engineering literature

REF T 10.7 U85 2006 WEB

Dictionaries and Encyclopedias

These resources provide definitions and background information on a topic. Some encyclopedias may also direct you to further sources of information.

Dictionaries

Comprehensive dictionary of measurement and control

REF TS 156.8 C62 1991 WEB

Dictionnaire des techniques et technologies modernes

REF T 10 F67 1997 WEB

Dictionary for human factors/ergonomics

REF TA 166 S784 1993 WEB

Illustrated engineering dictionary

REF TA 9 F53 1999 WEB

Lewis dictionary of occupational & environmental safety & health

REF T 55 L468 2000 WEB

Industrial engineering terminology

REF T 56.2 I53 1990 WEB

Routledge French technical dictionary, Dictionnaire technique anglais

REF T 10 R68 1994 WEB

Termium

[Online](#)

Encyclopedias

Encyclopedia and handbook of process capability indices

REF TS 156.8 P43 2006 WEB

Encyclopedia of applied physics

[Online](#)

Encyclopedia of biomaterials and biomedical engineering

REF R 857 M3E52 2004 VAN

Encyclopedia of materials, parts, and finishes

REF TA 418.9 S62S39 2002 WEB

Encyclopaedia of occupational health and safety

REF RC 963.3 E53 1998 WEB

Encyclopedia of physical science and technology

REF Q 123 E497 2002 WEB

Encyclopedia of production and manufacturing management

REF TS 9 E53 2000 WEB

Encyclopedia of 20th century technology

REF T 9 E462 2005 WEB

Encyclopedia of vibration

REF TA 355 E52 2002 WEB

How products are made

[Online](#)

McGraw-Hill encyclopedia of science and technology

REF Q 121 M3 2002 WEB

Ullmann's encyclopedia of industrial chemistry

[Online](#)



Directories

Directories provide information about people, products and companies. Internet searching may also retrieve similar information.

Canadian trade index	Online
Fraser's – Canada's online industrial directory	Online
Thomas register of American manufacturers	Online

Handbooks

These resources vary in the content they provide. You may find definitions, background information, in-depth discussions of a topic, or data. Some may also direct you to further sources of information. Many handbooks are in the circulating collection so check CLUES for additional items. Do a KEYWORD search and type in a word describing your topic and the word "handbooks", e.g. KEYWORD > scheduling handbooks

CNC programming handbook	REF TJ 1189 S592 2003 WEB
Complete part design handbook: for injection molding of thermoplastics	REF TP 1150 C36 2006 WEB
Comprehensive guide to the hazardous properties of chemical substances	REF RA 1211 P38 1999 WEB
Design for manufacturability handbook	REF TS 176 D467 1999 WEB
Electronics manufacturing	REF TK 7836 E468 2003 WEB
Energy management and conservation handbook	Online
Facility manager's handbook	REF TS 184 G87 2003 WEB
Facility manager's handbook	REF TS 184 G87 2003 WEB
Genium's handbook of safety, health, and environmental data for common hazardous substances	REF T 55.3 H3G46 1999 WEB
Glossary and tables for statistical quality control	TS 156 A1G53 2005 WEB
Guide to occupational exposure values	REF RA 1229.5 G84 WEB
Handbook of applied optimisation	REF QA 402.5 H334 2002 WEB
Handbook of die design	REF TS 253 S79 2006 WEB
Handbook of environmental health	REF RA 565 K67 2003 WEB
Handbook of facility assessment	REF TH 439 P573 2004 WEB
Handbook of human factors and ergonomics methods	REF TA 166 H27526 2005 WEB
Handbook of industrial engineering	REF T 56.23 H36 2001 WEB
Handbook of manufacturing engineering (4 volumes)	REF TS 176 H36 2006 WEB
Handbook of manufacturing processes	REF TS 183 B73 2007 WEB
Handbook of plastics processes	REF TP 1130 H355 2006 WEB
Handbook of pneumatic conveying engineering	REF TJ 1015 M547 2004 WEB
Handbook of production scheduling	REF TS 157.5 H36 2006 WEB
Handbook on standards and guidelines in ergonomics and human factors	REF TA 166 H2775 2006 WEB
Instrument engineers' handbook	REF TS 156.8 I56 2003 WEB
International plastics handbook	REF TP 1130 I58 2006 WEB
Juran's quality handbook	REF TS 156 Q3618 1999 WEB
Key concepts in operations management	REF TS 155 S894 2004 WEB
Machine devices and components illustrated sourcebook	REF TJ 243 I45 2005 WEB
Maintenance engineering handbook	REF TS 192 M335 2002 WEB

Manufacturing engineering handbook	REF TS 176 M3615 2004 WEB
Maynard's industrial engineering handbook	REF T 56 M39 2001 WEB
Modern sensors handbook	Online
Occupational ergonomics handbook	REF TA 166 O258 2006 WEB
Plastic product material and process selection handbook	REF TA 455 P5R65 2004 WEB
Practical handbook of material flow analysis	REF TS 161 B78 2004 WEB
Quality engineering handbook	REF TS 156 P988 2003 WEB
Roll forming handbook	REF TS 340 R5857 2005 WEB
Sax's dangerous properties of industrial materials	REF T 55.3 H3S3 2004 VAN
Springer handbook of nanotechnology	REF T 174.7 S67 2007 WEB
Standard handbook of plant engineering	REF TS 184 S7 2002 WEB
Taguchi's quality engineering handbook	REF TS 156 A1G53 2005 WEB
Tool and manufacturing engineers handbook	REF TS 176 A43 1983 WEB

Databases

These resources will enable you to identify articles from periodicals (journals) on your topic. Databases are listed on the Libraries' web site. References in some databases have a link that says Find it!@Concordia. This link helps you to know whether Concordia has the journal mentioned in the reference. A journal title search in CLUES will also show you if the periodical is available at Concordia. Most databases listed are licensed by the Concordia Libraries and require a Library PIN to be accessed off-campus.

ABI/INFORM Global on ProQuest	Online
ABI/INFORM Trade and Industry on ProQuest	Online
Academic Search Premier	Online
Business and Industry	Online
CCINFOWEB (occupational health & safety database)	Online
Compendex (Engineering Index database)	Online
IEEE Xplore	Online
INSPEC	Online
PubMed	Online
NIOSH TIC (occupational health & safety database)	Online
ProQuest Dissertations and Theses: fulltext	Online
Recent Advances in Manufacturing database	Online
Web of Science (includes Science Citation Index 1989-)	Online

Standards and Codes

These are arranged in alphabetical order by issuing body on shelves designated "Standards" in the Webster Library Reference area. Standards are listed in CLUES but some can still be difficult to find. If you are not sure if the library has a copy of a standard you are looking for, speak to a Reference Librarian.

Examples of major standard-making bodies are: **ASTM** (American Society for Testing and Materials); **ASME** (American Society of Mechanical Engineers); **CSA** (Canadian Standards Association); **ISO** (International Organization for Standardization). Most organizations have their own web sites to identify standards. Some codes and standards are posted on the Internet by their issuing bodies

Government Documents

There may be Canadian or Quebec statutes (laws) and regulations that would be of interest. These are found in the Webster Government Documents unit and on the Internet. Other government reports may also be useful and may be catalogued as part of the libraries circulating collection or available in Webster Government Documents unit. Consult Reference staff to find out how best to look for government documents on your topic.

Internet Sites of Interest

See also the Research Guide by Subject for Mechanical and Industrial Engineering on the Libraries' web site:
<http://library.concordia.ca/research/subjects/mecheng/>

Canada Government web site	http://www.canada.gc.ca/
Canadian Engineering Network	http://www.stealthstuff.com/CEN/
Industrial Engineering WWW Virtual Library	http://www2.isye.gatech.edu/www-ie
Industrylink	http://www.industrylink.com
Intute: Science, engineering & technology	http://www.intute.ac.uk/sciences/
Plant Maintenance Resource Center	http://www.plant-maintenance.com/
Quebec Government web site	http://www.gouv.qc.ca/
Scirus (scientific web search engine)	http://www.scirus.com/srsapp/
Society of Manufacturing Engineers	http://www.sme.org

Related Handouts

See also the Sources in Mechanical Engineering, the Sources in Decision Sciences and Management Information Systems and the Sources in Management handouts.

If you need assistance, please ask at the Reference Desk

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