INDUSTRIAL ENGINEERING

This is a selected guide to resources held in the Coleman Library to support industrial engineering. To locate any of the listed materials, consult the online catalog or ask the librarian.

Classification of Material:

T55.4-60.8 Industrial engineering. Management engineering

SELECTED RESOURCES

DICTIONARIES/ENCYCLOPEDIAS


HANDBOOKS


DATABASES

Access Science
Includes the McGraw-Hill Encyclopedia of Science & Technology, the Dictionary of Scientific and Technical Terms, the McGraw-Hill Yearbooks of Science and Technology

Applied Science & Technology Full Text
Periodical coverage includes trade and industrial publications, journals issued by professional and technical societies, and specialized subject periodicals, as well as special issues such as buyers' guides, directories, and conference proceedings.

BE Press
Scholarly journals in the areas of Economics, Business, and Marketing; Law; Political Science and Current Affairs; Biological Sciences; and Engineering.

Cambridge Scientific Abstracts
A collection of more than 50 databases providing bibliographic coverage to current research in multiple disciplines, e.g. the biological sciences, aquatic sciences, engineering and technology, environmental sciences, material science, market research and scientific conferences.

Corrosion Abstracts
Corrosion Abstracts provides the world's most complete source of bibliographic information in the area of corrosion science and engineering.

Dissertations & Theses
The ProQuest Dissertations & Theses database (PQDT) is the world's most comprehensive collection of dissertations and theses.

Elsevier Science Journals
Journals in the fields of: Chemistry and Chemical Engineering; Clinical Medicine; Computer Science; Earth and Planetary Sciences; Economics, Business and Management Sciences; Engineering and Technology; Environmental Science; Life Sciences; Materials Science; Mathematics; Physics; Social Sciences.

Engineering Index Current
Engineering Index at LANL has been merged into LANL's new SearchPlus interface. A comprehensive interdisciplinary engineering database, Engineering Index covers over 4,500 international journals, conference proceedings, books, technical reports, and dissertations.
**General Science Full Text**
Periodical coverage includes popular science magazines as well as professional journals in the fields of Astronomy, Atmospheric Science, Biology, Botany, Chemistry, Conservation, Earth Science, Environment, Food, Genetics, Health, Mathematics, Medicine, Microbiology, Nutrition, Oceanography, Physics, Physiology, and Zoology.

**INSPEC**
The largest English language file of bibliographic information and abstracts on the world's output of published works in physics, electrical engineering and electronics, computing, and information technology.

**ISI Web of Science**
Articles, abstracts, and citations from Citation Index, Social Science Citation Index, and Arts & Humanities Citation Index.

**ProQuest Dissertations & Theses: A&I**
The ProQuest Dissertations & Theses database (PQDT) is the world's most comprehensive collection of dissertations and theses.

**ProQuest Science Journals**
ProQuest Science Journals is a definitive resource for students studying both the applied and general sciences.

**ScienceDirect**
The ScienceDirect Database is the electronic full text version of approximately 650 of Elsevier's traditional research journals. Journals in the fields of: Chemistry and Chemical Engineering; Clinical Medicine; Computer Science; Earth and Planetary Sciences; Economics, Business and Management Sciences; Engineering and Technology; Environmental Science; Life Sciences; Materials Science; Mathematics; Physics; Social Sciences.

**Web of Science**
Articles, abstracts, and citations from Citation Index, Social Science Citation Index, and Arts & Humanities Citation Index

**GOVERNMENT DOCUMENTS**

[Federal Documents I19.42/4:03-4046]
PRINT AND ELECTRONIC BOOKS


Creese, Robert C. *Introduction to Manufacturing Processes and Materials*. [Netlibrary]


PRINT AND ELECTRONIC JOURNAL ARTICLES

**IIE Solutions**
from 05/01/1995 to 12/31/2002 in *Business & Company Resource Center*
from 1998 to 1998 in *Business & Industry*

**Industrial and Engineering Chemistry**
from 1923 to 1970 in *American Chemical Society Legacy Archives*

**Industrial and Engineering Chemistry. Analytical Edition**
from 1929 to 1946 in *American Chemical Society Legacy Archives*

**Industrial and Engineering Chemistry. Chemical and Engineering Data Series**
from 1956 to 1958 in *American Chemical Society Legacy Archives*

**Industrial and Engineering Chemistry Fundamentals**
from 1962 to 1986 in *American Chemical Society Legacy Archives*
Industrial and Engineering Chemistry Process Design and Development
from 1962 to 1986 in American Chemical Society Legacy Archives

Industrial and Engineering Chemistry Research
from 1987 to 1995 in American Chemical Society Legacy Archives
from 1996 to present in American Chemical Society Web Editions

Industrial Engineer : IE
[Coleman-Periodical]

Industrial Engineering
from 01/01/1989 to 04/01/1995 in Academic OneFile

ONLINE RESOURCES

Faculty Research Areas - Industrial Engineering, University of Washington
http://depts.washington.edu/ie/research/faculty.htm

Industrial & Engineering Chemistry Research Home Page
http://pubs.acs.org/journals/iecred/index.html

Pollution Prevention in Industrial Engineering and Operation
http://www.umich.edu/~nppcpub/resources/compendia/ieor.html

DM/2008