CAMEO—Library Catalog can be found:  http://search.library.cmu.edu
Carnegie Mellon University Libraries Research Guides:  
http://guides.library.cmu.edu/

Roger Sorrells Engineering & Science Library, 4th floor Wean Hall:

Encyclopedic Dictionary of Named Processes in Chemical Technology
How does this process work? Who developed it? Reference Books area: TP155.7 .C664

Kent and Riegel's Handbook of Industrial Chemistry and Biotechnology
Reference Books area: TP145 .R53

Rules of Thumb for Chemical Engineers – process engineering shortcuts.

Online:
AIChE Journal – American Institute of Chemical Engineers publication.

Journal Citation Reports – evaluating journals.
View a group of journals by Subject Category: ENGINEERING, CHEMICAL.

NIST databases – National Institute of Standards and Technology substances data.


Sigma Aldrich - Chemical products/kits. Material Safety Data Sheets-MSDS link.

Standards: IHS Global – standards store NSSN – search engine for standards
2010 Annual Book of ASTM Standards: Sorrells Engineering & Science Library Reference

Zotero – free FireFox tool to manage your citations. Citing Print & Digital Resources

Need materials that Carnegie Mellon does not own?
→ Interlibrary Loan link on Library’s homepage
  • ILLiad: Request articles, books, and other items.
  • EZ-Borrow/PALCI: Request books only – quick delivery.

Donna Beck, Engineering Librarian, 4406 Wean, donnab@andrew.cmu.edu, 412-268-7213
Engineering and Science Library Reference email, sciref@andrew.cmu.edu, 412-268-2427
Carnegie Mellon University Libraries home page has links to:

* e-Journals A-Z
* Off Campus/Wireless Access

“Everything” searches Library Catalog & Databases

**Articles & Databases:**

**Academic OneFile** – Millions of full-text articles with listening capability. Try the “Subject Guide Search” for Chemical Engineering.


**Business Source Premier** – articles in all business disciplines; economic reports.

**Compendex** (Engineering Index) – can also search with Inspec + NTIS. Interdisciplinary bibliographic engineering database – goes back to 1884.

**CRC Handbook of Chemistry and Physics** – property information, physical formulas, mathematical tables.

**IEEE Xplore** – includes select Chemical Engineering conference proceedings.

**Kirk-Othmer Encyclopedia of Chemical Technology** (Wiley Online Library)

**Knovel** – full-text manuals, handbooks, & encyclopedias + data analysis tools.

**Perry’s Chemical Engineers’ Handbook** – chemical processes/equipment.

**Proquest** – includes **Dissertations & Theses @ Carnegie Mellon University** and **Environmental Sciences & Pollution Management** database.

**PubMed** – Biomedical literature/MEDLINE. Link to: **TOXNET** – hazardous chemicals.

**SciFinder Scholar** – access to Chemical Abstracts, technical reports & patents.

**Scopus** – abstract & citation database of peer-reviewed literature with 47 million records.

**Ullman’s Encyclopedia of Industrial Chemistry** (Wiley Online Library)


**Web of Science** – **Science Citation Index** back to 1899 & **Cited Reference Search**.