Surgery for Engineers

Current Library Homepage: [http://search.library.cmu.edu](http://search.library.cmu.edu)
CAMEO: Library Catalog

Click on “Research Guides” to find relevant resources in your discipline concentration.

At the Engineering & Science Library (4400 Wean Hall) you will find materials in the engineering fields of Biomedical, Chemical, Civil and Environmental, Electrical and Mechanical. In the sciences: Computer Science, Materials Science, Mathematical Sciences, Physics, and Robotics, as well as general science and engineering. Biology and Chemistry materials are held: Mellon Institute Library (4400 Fifth Ave., 4th fl).

→ **Book Loan Period**
  - undergraduate: 30 days – 50 books - 1 renewal per book.
  - graduate: 90 days – 100 books – 1 renewal per book.
(a book can be recalled after 7 days if someone else requests it)

→ **Journals** – can be checked out for 24 hours.
→ **Photocopiers and Scanners** – Available at all libraries.
→ **Printing**
  - Swipe your Carnegie Mellon ID card at the library printer release station.
→ **Renew your materials online**
  - Use “My Account” link to renew items.

Need materials that Carnegie Mellon does not own?

→ **Interlibrary Loan (ILL)**
  - **ILLiad**: Request articles, books, and other items.
  - **EZ-Borrow/PALCI**: Request books only – quick delivery.
Questions about ILL: 412-268-7215 or email: es82@andrew.cmu.edu

→ **Local libraries you can borrow from (in person)**

  *The Carnegie Library of Pittsburgh*
  - With your Carnegie Mellon ID card and proof of local residence, go to the Main (Oakland) Library desk for a library card.

  *The University of Pittsburgh Library System*
  - With your Carnegie Mellon ID and proof of current registration, go to the Hillman Library lending desk, lower level for a borrowing card.

At Hillman Library, you can also use the University of Pittsburgh’s electronic databases and journals ONLY when you ask for a guest account at their reference desk. This allows in person access to computers within Hillman Library.
“Articles & Databases” on Library’s home page: http://search.library.cmu.edu

→ Select Databases

- **Academic OneFile** - 39 million full-text articles—
  with listening capability—have the article read TO you!
  Try the “Browse Subjects” search for Biomedical Engineering.

- **Compendex** (Engineering Index) - can also search with **Inspec + NTIS**
  The most comprehensive interdisciplinary bibliographic engineering database in the world – goes back to 1884.

- **IEEE Xplore** - includes access to *IEEE Transactions on Biomedical Engineering* and *Engineering in Medicine and Biology* conference proceedings.

- **Knovel** - includes over 2,000 full-text manuals, handbooks, and encyclopedias, plus interactive tools for data analysis.

- **PubMed** - U.S. National Library of Medicine/National Institutes of Health --
  free search engine to biomedical literature/MEDLINE.

- **SciFinder Scholar** – access to Chemical Abstracts, worldwide literature in chemistry, biochemistry, chemical engineering that includes technical reports and patents.

- **Web of Science** - includes *Science Citation Index*,
  literature of the sciences going back to 1900,
  featuring *Cited Reference Search*.
  Under ISI Web of Knowledge, you can also access *Journal Citation Reports*

→ **Search multiple databases at the same time: MetaLib**
  Try the Basic Search, choosing “Engineering/Tech” category.

→ **Search for relevant lectures in the Synthesis Digital Library database:**
  [Synthesis Lectures on Biomedical Engineering](http://search.library.cmu.edu)

→ **Off Campus/Wireless Access:** see link on Library’s home page

**HINT:** Track new articles in your subject as they are published via **RSS Feeds** and format your bibliographies using **Zotero**, free of charge, FireFox extension.
Try the search engine for science pdfs: [pubget.com](http://search.library.cmu.edu)

Donna Beck, Engineering Librarian, donnab@andrew.cmu.edu, 412-268-7213
Engineering and Science Library Reference desk, sciref@andrew.cmu.edu, 412-268-2427