

Science Libraries Information Guide

Surgery for Engineers

Current Library Homepage: <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](#)

→ **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

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Carnegie Mellon University Libraries Research Guides: <http://guides.library.cmu.edu/>