

# Library Research Guide

S.C. Williams Library, Stevens Institute of Technology  
[www.lib.stevens.edu](http://www.lib.stevens.edu)

## **Online Catalog:**

How to get there: Home page → Stevens Library Catalog

Search for books, journals, theses, dissertations, senior reports, and microfilm owned by the Stevens Library.

## **Library Databases:**

How to get there: Home page → e-Resources → Databases Alphabetical or Databases by Subject

The Library subscribes annually to online databases. Databases contain many different kinds of information in various formats. Some of these include: *abstracts* (summaries) and/or the *full text* of scholarly/academic journal articles, newspaper articles, magazine articles, conference proceedings, references to books, references to dissertations and theses, patents, standards, online references books, and more.

The information you will find in the Library's databases is consistently more reliable, cutting-edge, and usually more scholarly than what you will find if you conduct your research using the general Internet using a Google search.

### • **Finding academic/scholarly journal articles & conference proceedings:**

- Academic Search Premier* - search for multidisciplinary academic journal articles; many articles in full text.
- ACM Digital Library* - full text of all Association for Computer Machinery publications.
- Engineering Village 2, feat. access to Compendex* - abstracts of engineering & science articles, proceedings.
- FirstSearch* - access many multidisciplinary databases through one interface, including dissertations & proceedings.
- IEEE/IEE* - full text of journals, standards, conference proceedings from the *IEEE* and *IEE*.
- Inspec* - search for abstracts for electronics, computing, IT, control engineering articles.
- ScienceDirect* - full text of major technical and scientific journals.
- Scopus* - obtain abstracts, references, and "cited by" information for over 14,000 journals. **\*NEW!\***
- SpringerLink* - browse Springer publication tables of contents for engineering & science articles, more.

### • **Finding online reference handbooks and encyclopedias:**

- Engineering Handbooks Online* - full text of reference handbooks from CRC Press.
- knovel Engineering & Scientific Reference* - online encyclopedias, handbooks.
- Safari Tech Books Online* - full text from leading technology reference publishers.

### • **Finding books & dissertations from other university libraries:**

- FirstSearch WorldCat and Dissertations* - search for books & dissertations in libraries worldwide; request them through the Interlibrary Loan/Document Delivery Services department.

### • **Finding company, business, and product information:**

- ABI/Inform*
- Business Source Premier*
- Business & Company Resource Center*
- Hoover's Company Profiles*
- Lexis-Nexis Academic*
- Standard & Poor's NetAdvantage*

### **Full Text Journal Locator:**

How to get there: [Home page](#) → [Full Text Journal Locator](#)

Use this tool to find out if the full text of a journal is available in any of the library databases. If it's not available, request the document you need through Interlibrary Loan/Document Delivery Services.



- **Finding Patents:**

How to get there: [Home page](#) → [Research](#) → [Patents](#)

The USPTO (United States Patent and Trademark Office) database contains searchable full-text of patents issued since 1976; full-page images since 1790, and patent applications published since March, 2001.

- **Finding Standards and Technical Reports:**

How to get there: [Home page](#) → [Research](#) → [Standards or Technical Reports](#)



- **Accessing Library Databases from Off-Campus:**

How to get there: [Home page](#) → [Connecting from Off-Campus](#) → [Accessing Databases](#)

Instructions are available for connecting to the library research databases from off-campus locations. If you have trouble connecting from off-campus, contact a Help Desk Consultant at the Computer Center at 201-216-5500.

- **Interlibrary Loan/Document Delivery Services:**

How to get there: [Home page](#) → [Services](#) → [Interlibrary Loan/Document Delivery Services](#)

If the Library does not have something you need on the shelves or in any of the online library research databases, we can get it for you! Read more on the Library web site about requesting and obtaining journal articles, standards, reports, conference proceedings, and books.

- **Citing your sources:**

How to get there: [Home page](#) → [Research](#) → [Citing sources](#)

These helpful links will lead you to examples of various citation formats, including APA and MLA. Also includes a link to the AIP (American Institute of Physics) style manual, which provides guidance in writing, editing, and preparing physics manuscripts for publication.



- **Help with your research:**

How to get there: [Home page](#) → [Reference](#) → [Staff](#)

*If you have any questions regarding library research, please contact:*

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