



PILOT: Promoting Information Literacy Over Time

Computer Information Systems Library Resource Guide

Subject Specific Databases

NOTE: When full-text is not available from one of the Library's databases, please use our Interlibrary Loan (ILL) service to obtain materials from other institutions. ILL forms are available from the Library Reference Desk. Please allow up to two weeks for delivery of ILL items.

- **Computer & Applied Sciences Complete** (available from the Library's Databases page)
Covers the research and development spectrum of the computing and applied sciences disciplines including the many engineering disciplines, computer theory & systems, new technologies, and social & professional context from over 1,800 academic journals, professional publications, and other reference sources. Selected full-text.
- **Gale Virtual Reference Library**
Gale Virtual Reference Library is a database of full-text encyclopedias, handbooks, directories and other specialized reference sources for multidisciplinary research. Major subject categories of coverage include Arts, Biography, Business, Education, Environment, History, Law, Medicine, Multicultural Studies, Nation and World, Religion, Science, Social Science, and Technology.
- **InfoTrac OneFile** (available from the Library's Databases page)
A one-stop source for news and periodical articles on a wide range of topics: business, computers, current events, economics, education, environmental issues, health care, hobbies, humanities, law, literature and art, politics, science, social science, sports, technology, and many general interest topics. Selected full-text and images.
- **NetLibrary** (via NC LIVE)
Provides searchable full-text access to eBooks and eAudiobooks and other eContent. Covers major disciplines including Computer Science and Technology, Engineering and Manufacturing. For more **E-books**, from the Library's Databases Page, see also

NetLibrary → Reference Center → Computer Science
- **SpringerLink**
Database of *selected* full-text journals in a variety of subject areas including computer science, and professional and applied computing. (NOTE: Full-text access to reference materials and e-books is NOT available. Full-text access to the most recent 3 – 6 months of journals may also be restricted.)

Related Area Databases

- **ABI/Inform Complete** (available from the Library's Databases page)
Draws mostly from business, economics and finance periodicals, magazines, trade publications, and newsletters; includes coverage of technology business sector and computing; selected full-text.
- **Academic Search Premier** (via NC LIVE)
A multi-disciplinary full text database containing full text for more than 4,500 journals, including more than 3,700 peer-reviewed titles.
- **Business Source Premier** (available from the Library's Databases page)
Selected full-text coverage in all disciplines of business, including marketing, management, MIS, POM, accounting, finance and economics.
- **JSTOR** (available from the Library's Databases page)
Interdisciplinary, searchable, full-text archive of almost 1,000 academic journals covering the humanities, social sciences, and life sciences. Journals are always included from volume 1, issue 1 and include previous and related titles. The most recently published issues (past 3-5 years) are not available. However, users can search this material and link to the publisher's site or other online source for access. New content is added on a regular basis as it is made available by the publisher. Advanced search options include author name, title, abstract, and caption for photographs and other images.
- **MasterFile Premier** (via NC LIVE)
General periodicals covering general reference, business, health, education, general science, multicultural issues and much more.

Note: In addition to providing access to individual databases, **NC LIVE** also provides a general search interface that allows you to search multiple databases at the same time. Performing this type of search is a good way to identify databases with the most information on a topic, as well as providing multi-disciplinary coverage for a topic.

NC LIVE is available at <http://www.nclive.org/index.phtml>.

For more in-depth research, you may wish to perform more detailed search strategies in individual databases.

Periodicals @ BAC

- Byte (1989 – 1998)
- Classroom Computer Learning (1987 – 1990)
Note: Continues as Technology & Learning (1990 - present)
- Datamation (1982 – 1995)
- Dr. Dobbs Journal (1993 – present)
- Mobile Computing & Communications (1996 – 2001)
Note: formerly Mobile Office (1993 – 1996)
- Mobile Office (1993 – 1996)
- PC Magazine (1997 – present)
- Technical Communication (1983 – present)
- Technology & Learning (1990 – present)

Search *Alexandria* (<http://libraryaccess.bac.edu/>), the Library's online catalog, for other journals in your subject area.

Search *JournalFinder* (<http://journalfinder.uncg.edu/bac/>), available from the Library's databases web page, for other e-journals in your subject area.

Computer Science Internet Resources

- American Mathematical Society - <http://www.ams.org/>
- The Collection of Computer Science Bibliographies - <http://iinwww.ira.uka.de/bibliography/>
- CERN Computer News Letter - <http://cnl.web.cern.ch/cnl/>
- Computer Science (University of Albany) - <http://library.albany.edu/subject/csci.htm>
- Computer Science Web Sites (Illinois Institute of Technology) - <http://library.iit.edu/cs/index.php?tab=3>
- Computer Science Web Sites (Newbury College) - <http://www.newbury.edu/library/websites/computerweb.htm>
- Librarians' Internet Index - <http://www.lii.org/>, (Select: Computers)
- Living Internet - <http://www.livinginternet.com/>
- Math Archives (for Undergraduates) - <http://archives.math.utk.edu/undergraduates>
- Networked Computer Science Technical Reference Library - <http://www.ncstrl.org/>
- Programmer's Heaven - <http://www.programmersheaven.com/>
- Web Developer's Virtual Library - <http://www.wdvl.com/>
- Yahoo Directory: Computer Science - http://d3.dir.ac2.yahoo.com/Science/Computer_Science/

For More/Other Resources

Alexandria (<http://libraryaccess.bac.edu/>)

Search using the subjects Computer, Computers, Computer Science, or Technology. You can add another subject of interest to you using the Boolean search feature.

Call Numbers

You can also browse the following areas of the collection for additional materials:

QA75 – QA76 = Computers/Computer Science/Computer Software **and** **TK** = Technology.