Computer Science Pathfinder

The purpose of this pathfinder is to introduce some of the resources available in Houston Cole Library on **Computer Science**. The various types of library materials useful in research are described along with some examples of each type. This pathfinder is NOT a comprehensive listing of sources, but is intended to be a starting point from which patrons can begin their research according to their specific needs.

BASIC INTRODUCTION OR OVERVIEW MATERIAL can be found in:

REF Q121.M3 1997: *McGraw-Hill Encyclopedia of Science and Technology*
QA 76.B495 1997: *Great Ideas in Computer Science: a Gentle Introduction*

SUBJECT HEADINGS can be identified by using the Library of Congress Subject Headings books located at the Information Desk on each floor. Books on COMPUTER SCIENCE can be located in the Library Catalog by entering a subject search. Books can be located in the Library Catalog by clicking on "Author/Title/Subject/Call Number" search type. Then click on the "Subject" radio button. Last, type in your subject and press the enter key.

Suggested subject headings for this topic are:
Computer Science

Related headings include:
Computers
Programming Languages (Electronic Computers)
Software Engineering
Databases
Computer Graphics

Search also under names of languages (C++, JAVA, HTML)

To browse the book stacks, here are some Library of Congress call numbers on the 9th floor.

QA76 – Computer Science
QA76.15 – Dictionaries and Encyclopedias
QA76.73 – Programming Languages
QA76.76.O63 – Operating Systems
QA76.76.W56 – Windows
QA76.9D3 – Database management

(Networking and Internet related subjects are also found on the 10th floor.)

REFERENCE TOOLS

BIBLIOGRAPHIES -- list of books, periodical articles, and/or other materials by subject or author.

REF Q158.5.M26X 1994: *Reference Sources in Science, Engineering, Medicine and Agriculture*

DICTIONARIES AND ENCYCLOPEDIAS -- provide definitions for useful terms and a broad overview.

REF QA76.15.P395 1999: *Webster's New World Dictionary of Computer Terms*
REF QA76.15.F733 2001: *The Computer Glossary: the Complete Illustrated Dictionary*
REF QA76.15.F732 1999: *The Computer Desktop Encyclopedia*
REF QA76.15.E84 2000: *Encyclopedia of Computer Science*

HANDBOOKS AND MANUALS -- cover broad subjects in a brief, concise manner and may include odd bits of information about a variety of topics (They may also be referred to as a compendium).

REF QA76.7.H376x 1998: *Handbook of Programming Languages*

GOVERNMENT PUBLICATIONS -- are primarily annual reports, studies, and statistics from the various departments and agencies of the government. They are cataloged and shelved like other books and microforms. (There is no separate collection of government publications in this library).

JOURNALS

JOURNALS held by the library can be identified by consulting the Library Catalog by searching under the journal name. Journal Titles on COMPUTER SCIENCE can be located in the Library Catalog by clicking on "Author/Title/Subject/Call Number" search type. Then click on the "Journal Title" radio button. Last, type in your journal title and press the enter key. Use these Electronic Databases to locate JOURNAL ARTICLES and other papers on COMPUTER SCIENCE: Elsevier Science Direct, Emerald Intelligence + Fulltext.

A few Journals which would report on this topic are:

Periodicals QA76.A772: *Communications of the ACM*
Periodicals QA76.C581x: *Computerworld*
Periodicals QA76.I17: *IEEE Transactions on Software Engineering*

Also, scan for COMPUTER SCIENCE related periodicals in the current periodical section on the 9th floor and the 10th floor. Tips on [finding research articles](#).

WORLD WIDE WEB SITES

Browse a list of [Computer Science related Web sites](#) selected by subject librarians at Houston Cole Library.

INTERLIBRARY LOAN services are available to graduate students and faculty. Please ask a librarian about these services.

Subject(s):
Computer Science
Computers

02/01: PJBE