# BCIT LIBRARY

# Computing Systems Technology

Library website          Computing Systems Technology website

This guide lists selected print and electronic information sources available to BCIT faculty, students and staff. For more information, contact Tony O'Kelly, your Liaison Librarian for Computing Systems, at 604-432-8764.

Please note: Some electronic resources such as eBooks, eJournals or Databases & Indexes may require login.

## How to find:

- Books, reports, media, etc.
- Background information
- Definitions
- Biographical & historical information
- Quick facts & ebooks

- Journal articles, databases, & ejournals
- Associations and organizations
- Directories of web sites
- Style guides
- Guides to Computing information & news

## Books, reports, media, etc

You can browse material on Computing Systems in the library catalogue or on the shelves in the following call number ranges:

| | | | |
|---|---|---|---|
| HD 9696 – 9696.8 | Computer & software industries | QA 76.75 – 76.765 | Software, HTML, XML, Perl, etc. |
| HF 5548 – 5548.38 | Office automation, ecommerce | QA 76.8 – 76.89 | Special computers, systems |
| HF 5548.4 | Business systems & programs | QA 76.9 | Security, algorithms, architecture |
| HF 5548.5 | Business program languages | TK 5105.5 – .587 | Computer networks, protocols |
| QA 75.5 – 76.592 | Computing & computer science | TK 5105.59 - .597 | Network security, access |
| QA 76.6 – 76.73 | Programming / languages | TK 5105.7 - .73 | Local area networks |

## Background information

Search the BCIT Catalogue for computer networks encyclopedias OR technology encyclopedias to find short reference articles on various chemistry topics. Some examples are:

| | |
|---|---|
| AccessScience (e-encyclopedia) | |
| Encyclopedia of physical science & technology (print encyclopedia) | Q123 E497 2002 |
| Microsoft encyclopedia of networking (e-encyclopedia; 2002) | |
| McGraw-Hill encyclopedia of networking & telecommunications (print encyclopedia) | TK 5105.5 S535 |
| Technical research assistant 2001 (e-encyclopedia) | |
| Networking A-Z (print encylopedia) | TK 5105.5 M855 |
| Wiley encyclopedia of electronics and engineering (e-encyclopedia; 2000-) | |

Other recommended catalogue searches are:

| | |
|---|---|
| Adobe Acrobat, Illustrator, Photoshop, etc. | Computer systems, Computer architecture, CSS, DHTML, |
| C++ (program language), Java, SQL,etc. | HTML, XML, Web sites – Design, etc. |
| Cisco, Telecommunications systems | Internet, Internetworking, etc. |
| Computer graphics, Desktop publishing | LANs, Storage area networks, WANs, etc. |
| Computer networks, -Security measures | Microcomputers, -Equipment & supplies |
| Computer programming, Programming languages | Operating systems, Linux, Microsoft Windows |
| Computer security | Report writing, Technical writing. |
| Computer software – Development | |

## Definitions

Search the BCIT catalogue for computers - dictionaries OR computer science dictionaries  OR computer networks dictionaries OR information technology dictionaries. Some examples are:

| | |
|---|---|
| Dictionary of computing & communications (print dictionary) | QA 76.15 D526 2003 |
| Dictionary of computer science, engineering & technology (print dictionary) | QA 76.15 D5258 2001 |
| McGraw-Hill encyclopedia of networking & telecommunications (print dictionary) | TK 5105.5 S535 2001 |
| Microsoft computer dictionary (e-dictionary, 2002) | Oxford reference core: A dictionary of computing (e-dictionary) |
| Microsoft Internet & networking dictionary (e-dictonary, 2003) | Oxford reference core: A dictionary of the Inernet (e-dictionary) |

## Biographical and historical information

Computer Scientists          Computers - History          Science - HIstory          Technology - History

## Quick facts & ebooks

Search the library catalogue for books and ebooks on the following subjects:

Computer graphics - Handbooks, Flash – Handbooks, etc.    Microsoft Office, Access, Excel, PowerPoint, Word
Computer security - Handbooks    Microsoft Windows, - Handbooks, - Examinations
Digital electronics – Handbooks    Microsoft Windows server - Examinations
EDP personnel – Certification handbooks    Op systems – Handbooks
Internet – Handbooks, Internetworking – Exam study guides    Technical writing - Handbooks
Linux, - Handbooks, -Exam study guides    Web sites – Design – Handbooks, etc
.

We also have many of the Nutshell handbooks available in print. Some examples are:

| | |
|---|---|
| C++ in a nutshell (print book) | QA 76.73 C154L57 2003 |
| Java examples in a nutshell (print book) | QA 76.73 J38 F5535 2004 |
| Webmaster in a nutshell (print book) | TK 5105.888 S68 2003 |

We also subscribe to an excellent selection of computer ebooks from Books 24X7 (login required) and netLibrary. Topics covered include:

| | | | |
|---|---|---|---|
| Business and culture | Enterprise computing | Networks & protocols | Software engineering |
| Certification & compliance | Graphic design & multimedia | Operating systems | Telecommunications |
| Databases | Hardware | Programming languages | Web programming & |
| Desktop and office apps | IBM Redbooks | Security | development |

## Journal articles, databases, & ejournals

| | | |
|---|---|---|
| Academic Search Elite | Applied Science Index | EI Compendex |
| ACM Digital Library | Business Source Premier | Science Indexes |
| Applied Science & Technology Abstracts | CSA Illumina | |

Find print journals in the library catalogue with a keyword search for compute* AND periodicals
Generate a current list of electronic journals available at BCIT for the keywords: computers OR computing OR information technology. From the sidebar on the BCIT Library home page, choose *Electronic Resources > ejournals > [keyword].*

## Associations and organizations

Am Society for Info Science and Technology (ASIS)    Association of Information Technology Professionals
Association for Computing Machinery (ACM)    Canadian Advanced Technology Alliance

## Directories of web sites

Brint    Computer Science (U Albany Library)
BUBL Link (Strathclyde U, Scotland)    Infomine (U California)
Guide to Engineering, Maths, & Computing(H Watt U)    The Virtual Library: Computing

## Style guides

Business grammar, style, & usage a desk reference for articulate & polished business writing & speaking (ebook; 2003)
Technical writing basics: A guide to style and form (print book)    PE 1475 H65 2005
The web writer's guide (ebook; 2002)

## Guides to Computing information & News

CNET.com    W3C Consortium
Computing.net    Wired News: Technology
Dr Dobb's Electronic Review of Computer Books    ZDNet