

Computer Studies Resource Guide

Sault College Library

Use this guide to find resources related to Computer Studies (Computer Engineering, Networking, Programming, GIS). For the most recent version, visit www.saultcollege.ca/library/programguides.htm.



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Don't hesitate to ask library staff for help – we're here for you!



Subject Headings

Use these subject headings to search the library catalogue for books and videos (www.saultcollege.ca/library).

| | |
|--------------------------------|---|
| C - Computer program language | Internet programming |
| Computer networks | Java - computer program language |
| Computer programming | Microcomputers |
| Computer security | Microcomputers - Maintenance and repair |
| Computers | Microcomputers – Upgrading |
| Database design | Multimedia systems |
| Database management | Operating systems – Computers |
| Digital mapping | Software engineering |
| Geographic information systems | Telecommunication |
| Global positioning system | Web sites - design |

Call Numbers

When browsing the library's collection, use these call numbers as a guide to help you find material in your subject area.

| | |
|---------------------|---|
| G70.212 – G70.215 | GIS (Geographic Information Systems) |
| HF5548.4.M525 | Microsoft Office |
| QA75.5 – QA76.95 | Computer Fundamentals (dictionaries, encyclopedias) |
| QA76.6 – QA76.66 | Computer Programming |
| QA76.625 | Internet Programming |
| QA76.76 .O63 | Operating Systems |
| QA76.9.A25 | Computer Security |
| QA76.9 .D26 | Database Design |
| T385 | Computer Graphics |
| TK5105.5 – TK5105.9 | Computer Networks |
| TK5105.888 | Web sites - Design |
| TK7885 – TK7895 | Computer engineering/troubleshooting & repair |

Selected Reference Books (Library Use Only)

Dictionary of Computer and Internet Terms
QA76.15 .D667 2006

Encyclopedia of Computer Science
QA76.15 .E48 2000

The Facts on File Dictionary of Computer Science
QA76.15 .F345 2006

Dictionary of Networking
TK5102 .D97 1999

Selected Circulating Books

Dynamic and Mobile GIS
G70.212 .D96 2007

GPS for Dummies
G109.5 .M36 2004

GPS Mapping: Make Your Own Maps
GA139 .O95 2005

2007 Microsoft Office System Inside Out
HF5548.4.M525 A22 2007

Teach Yourself Visually Microsoft Office 2007
HF5548.4.M525 K72965 2007

Computers [MaranGraphics]
QA76 .M3 2005

Upgrading and Repairing Laptops
QA76.5 .M78 2006

Structured Computer Organization
QA76.6 .T38 2006

Web Programming: Building Internet Applications
QA76.625 .B38 2006

C++: How to Program
QA76.73 C153 D4185 2008

Java Phrasebook: Essential Code and Commands
QA76.73 .J38 F54 2007

Ajax for Dummies
QA76.73.J38 H64 2006

PHP & MySQL for Dummies
QA76.73 .P224 V352 2007

Introduction to SQL: Mastering the Relational Database Language
QA76.73 .S67 L3613 2007

Understanding.NET
QA76.76 .M52 C48 2006

Linux for dummies
QA76.76.O63 L4319 2005

Windows Vista for Dummies
QA76.76.O63 R39174 2007

Protecting Your PC
QA76.9 .A25 B37734 2006

Computer Security Basics
QA76.9.A25 L44 2006

Database Systems: a Practical Approach to Design, Implementation and Management
QA76.9 D26 C66 2005

Databases demystified
QA76.9.D32 O66 2004

Data Structures Demystified
QA76.9 D35 K46 2004

Cisco Networking Academy Program: CCNA1 and 2 Companion Guide
TK5105.5 .C499 2005

Network Warrior
TK5105.5 .D66 2007

Upgrading and Repairing Networks
TK5105.5 .O344 2006

Exploring Web Design
TK5105.888 .V47 2005

Upgrading and Repairing PCs
TK7887 .M84 2008

Repairing and Upgrading Your PC
TK7887 .T46 2006

Inside the Machine: an Illustrated Introduction to Microprocessors and Computer Architecture
TK7895 .M5 S76 2007

Selected eBooks

The full-text of over 7,000 Electronic Books can be accessed and searched through the Electronics Documents tab in the library catalogue or through the “NetLibrary link” on the database selection page of the library’s website: www.saultcollege.ca/ejournals.

- How to Do Everything With PHP & MySQL (2005)
- Java: A Beginner’s Guide (2005)
- PC Disaster and Recovery (2003)
- Programming in C (2005)
- Schaum’s Outline of Fundamentals of Relational Databases (2000)
- Trojans, Worms, and Spyware: A Computer Security Professional's Guide to Malicious Code (2005)
- Web and Information Security (2006)

Selected Print Journals & Magazines

Title: **Geoworld**
Availability: vol. 12. 1999
Location: Current year shelved in Reading Lounge

Title: **Smart Computing**
Availability: Current 3 years
Location: Current year shelved in Reading Lounge

Selected Electronic Journals and Magazines

Search for articles within electronic journals and magazines here:
www.saultcollege.ca/ejournals. Library staff are available to help you with your search.

Title: **ACM Transactions on Database Systems**
Availability: 1996 to present
Location: Business Source Elite (Ebsco)

Title: **Communications of the ACM** (Association for Computing Machinery)
Availability: 2004 to present
Location: Business Source Elite (Ebsco)

Title: **Computing Canada**
Availability: 1997 to present
Location: Academic Search Premier (Ebsco)

Title: **Networks Update**
Availability: 1999 to present
Location: Academic Search Premier (Ebsco)

Title: **PC World**
Availability: Academic Search Premier (Ebsco)
Location: 1996 to present

Selected Electronic Resources (Available at: www.saultcollege.ca/ejournals)

Academic Search Premier (Ebsco)

The largest, full-text database - represents most areas of academic study and includes the full text of over 4,500 titles and abstracts for over 8,200 titles.

Access Science (McGraw-Hill Encyclopedia of Science and Technology Online)

This database has articles on topics related to computing and information technology, including hardware, programming and data communications. This site also includes a comprehensive dictionary of science and technology terms.

Selected Websites – Government

Canada Centre for Remote Sensing
http://ccrs.nrcan.gc.ca/index_e.php

Geomatics Canada (Natural Resources Canada)
http://ess.nrcan.gc.ca/geocan/index_e.php

Selected Websites – Professional Organizations/Associations

Association of Information Technology Professionals
<http://www.aitp.org>

Geomatics Industry Association of Canada
<http://www.giac.ca/site/index.cfm>

Geospatial Information & Technology Association
<http://www.gita.org/>

URISA - Ontario Chapter (Urban and Regional Information Systems Association)
<http://www.urisaoc.ca/>

Selected Websites - General

Bit-Tech.Net

<http://www.bit-tech.net/>

GIS.com

<http://www.gis.com/>

Hard|OCP

<http://www.hardocp.com/>

The Java Tutorial

<http://java.sun.com/docs/books/tutorial/>

Linktionary (Online Networking Dictionary)

<http://www.linktionary.com/>

Programmer's Heaven

<http://www.programmersheaven.com/>

Slashdot: News for Nerds, Stuff that Matters

<http://slashdot.org>

Tom's Hardware

<http://www.tomshardware.com>

W3 Schools

<http://www.w3schools.com/>

Web Teacher

<http://webteacher.com/index.html>

Webmonkey: the Web Developer's Resource

<http://www.webmonkey.com>

A.P.A. Style

Using American Psychological Association (A.P.A.) Format

http://owl.english.purdue.edu/handouts/research/r_apa.html