



Computer Science

Course of Study

Resource List

Prepared for the Curriculum Council
by
CURRICULUM MATERIALS INFORMATION SERVICES
2006

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COMPUTER SCIENCE COURSE OF STUDY

RESOURCES

This list of resources was prepared by officers from the Early Years, K-10 Academic Standards and Support Directorate in the Department of Education and Training. The list is presented in two parts:

Part One: Books, Videos, DVDs, computer software

Part Two: Websites

Further details of each item can be found online on the CMIS Resource Bank. Links to this have been made from the Computer Science Course of Study webpage at

www.eddept.wa.edu.au/cmis/eval/curriculum/courses/computerscience/

In this database all of the Computer Science resources have also been linked to specific content or outcomes and can be accessed under these headings.

The webpage also contains a list of Key Documents and Key Websites for quick access.

Part One

Capron, H.L.

Computers : tools for an information age / H.L. Capron, J.A. Johnson.

Upper Saddle River, N.J. : Pearson Education International, 2004.

0-13-122723-8

Beekman, George.

Complete computer confluence : tomorrow's technology and you / George

Beekman, Michael J. Quinn.

Upper Saddle River, N.J. : Pearson, 2006 [i.e. 2005]

0-13-196876-9

Beekman, George.

Computer confluence : exploring tomorrow's technology / George Beekman,

Eugene J. Rathswohl.

Upper Saddle River, N.J. : Prentice Hall, 2003.

0-13-066185-6

D'Orazio, Renzo E.

Practical data modelling for database design / Renzo D'Orazio & Gunter Happel.

Brisbane : Wiley, 1996.

0-471-33790-0

Free software for schools [electronic resource] : catalog of open source software for education.

[Australia] : Open Source Victoria, 2005.

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RESOURCES

Hawryszkiewicz, Igor

Introduction to systems analysis & design / Igor Hawryszkiewicz.
Frenchs Forest, N.S.W. : Prentice Hall, 2001.
1-7400-9280-5

Hutchinson, Sarah E.

Computers, communications and information : a user's introduction / Sarah E. Hutchinson, Stacey C. Sawyer.
Boston : Irwin McGraw-Hill, 2000.
0-07-116837-0

Kendall, Kenneth E.

Systems analysis and design / Kenneth E. Kendall, Julie E. Kendall.
Upper Saddle River, N.J. : Pearson Prentice-Hall, 2005.
0-13-127323-X

Mueller, Scott.

Upgrading and Repairing PC's 16th ed. / Scott Mueller
USA, : QUE, 2004.
0-7897-3173-8

Northcutt, Stephen

IT ethics : right and wrong for IT professionals / Stephen Northcutt..
Rockland, Mass. : Syngress, 2004.
1-931836-14-0

Robertson, Lesley Anne.

Simple program design : a step-by-step approach / Lesley Anne Robertson ;
contributing authors Wendy Doube, Kim Styles.
Southbank, Vic. : Thomson, 2003.
0-17-010704-3

Stair, Ralph M.

Principles of information systems : a managerial approach / Ralph M. Stair, George W. Reynolds.
Boston, Mass. : Course Technology, 2003.
0-619-06489-7

Stair, Ralph M.

Principles of information systems : a managerial approach / Ralph M. Stair, George W. Reynolds.
Boston, Mass. : Thomson Course Technology, 2006.
0-619-21561-5

Summers, Graeme.

Developing databases with Access / Graeme Summers.
Southbank, Vic. : Nelson Thomson Learning, 2004.
0-17-012101-1

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In this database all of the Computer Science resources have also been linked to specific content or outcomes and can be accessed under these headings. The webpage also contains a list of Key Documents and Key Websites for quick access.

Part Two

ACM code of ethics and professional conduct [website] / founder-editor David Vance.

<http://www.acm.org/constitution/code.htm>

[United States] : Association for Computing Machinery, 2003-

AiCE [website].

<http://aice.net.au>

[Australia] : Australian Institute of Computer Ethics, 2005- .

Australian Computer Society [website].

<http://www.acs.org.au>

[Australia] : Australian Computer Society, 2005-

Australian Computer Society code of ethics [website].

<http://www.acs.org.au/national/pospaper/acs131.htm>

[Australia] : Australian Computer Society, 2005-

Byte.com [website].

<http://www.byte.com>

California : CMP Media, 2005 –

CDW-G teachers talk technology 2005 [website].

<http://newsroom.cdwg.com/features/feature-08-29-05.htm>

Vernon Hills, Ill. : CDW Corp., 2005-

Cnet.com [website].

<http://www.cnet.com>

[United States] : Cnet Networks, 1995 –

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Computer ethics [website] : basic concepts and historical overview.

<http://plato.stanford.edu/entries/ethics-computer>

Stanford, Calif. : Metaphysics Research Lab, Stanford University, 2001-

Computer Ethics Institute [website] : the Brookings Institution, Washington, D.C.

http://www.brook.edu/its/cei/cei_hp.htm

Washington, D.C. : Brookings Institution, 2003-

CPU-Central [website]

<http://cpu-central.com>

[United States?] : CPU-Central, 2000-

Cybersource [website].

<http://www.cyber.com.au>

Melbourne, Vic. : Cybersource, 2005-

Discovering computers 2000 [website].

<http://www.scsite.com/dc2000/default.cfm>

[United States?] : Thomson Course Technology, [2001?]-

Ethics in computing [website].

<http://ethics.csc.ncsu.edu>

Raleigh, N.C. : Dept. of Computer Science, North Carolina State University, 2004 –

A framework for ethical decision making [website].

<http://www.scu.edu/SCU/Centers/Ethics/practicing/decision/framework.html>

Santa Clara, Calif. : Markkula Center for Applied Ethics, 2002-.

Free software for schools [electronic resource] : catalog of open source software for education. PDF version

http://members.iinet.net.au/~cybersrc/about/education_FOSS_catalog.pdf

[Australia] : Open Source Victoria, 2005.

HardwareCentral [website] : your source for in-depth computer hardware info.

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

Darien, Conn. : Jupitermedia, 2005-

IETF journal [website].

<http://ietfjournal.isoc.org>

Reston, Va. : Internet Society (ISOC), 2005-

Information systems ethics [website] / founder-editor David Vance.

<http://cyberethics.cbi.msstate.edu>

[United States] : Association for Information Systems, [200-?] –

InternetWeek [website] : your pipeline to the business & technology of the Internet.

<http://www.internetweek.com>

Manhasset, N.Y. : CMP Media, 2005-

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Internet Society [website].

<http://www.isoc.org>

Reston, Va. : Internet Society (ISOC), 2005-

Linux journal [website].

<http://www.linuxjournal.com>

Seattle, Wash. : SSC Publications, 1994-

Markkula Center for Applied Ethics [website]

<http://www.scu.edu/ethics>

Santa Clara, Calif. : Markkula Center for Applied Ethics, 2005-

Motherboard reviews, news, guides, and tools [website].

<http://www.motherboards.org>

Fairport, N.Y. : Motherboards.org, 2004

Open Source Industry Australia [website].

<http://www.iosn.net>

[Australia] : Open Source Industry Australia, 2005-

Open source Victoria [website].

<http://www.osv.org.au>

[Australia] : Open Source Victoria, 2005

OpenSource WA [website].

<http://www.opensource.wa.gov.au>

East Perth : Department of Industry and Resources, 2004-

PC hardware links [website] / Chris Hare.

<http://users.erols.com/chare/main.htm>

[United States] : Chris Hare, 2005-

PC world [website].

<http://www.pcworld.com>

United States : IDG Network, 2005 –

Principles of information systems : a managerial approach / Ralph M. Stair, George W. Reynolds. Student online resources

<http://www.course.com/mis/stair>

Boston, Mass. : Thomson Course Technology, 2006.

Software & Information Industry Association [website] : the principal trade association for the software and digital content industry.

<http://www.spa.org>

Washington D.C. : Software & Information Industry Association, 2005-

TechWeb [website] : the business technology network.

<http://www.techweb.com>

Manhasset, N.Y. : CMP Media, 2005-

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RESOURCES

WinDrivers [website] : the world resource for Windows tech support & drivers.

<http://www.windrivers.com>

Darien, Conn. : Jupitermedia Corp., 2005-