

20 Technology Skills Every Educator Should Have

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During the last 15 years, we in education have moved at light speed in the area of educational technology. Whether you are involved in higher ed, secondary ed, elementary ed, or special ed, all of us find it difficult to catch up, keep up, and put up with fast-moving computer-based technology. Not since the introduction of the blackboard have we seen a piece of equipment make such a difference in how we teach. Today, not only do we use computers, but we also have laptops, wireless laptops, and tablet PCs. In addition, we have the World Wide Web, scanners, CD burners, USB drives, digital cameras and digital video cameras, PDAs, as well as video and DVD players. And most educators use a variety of tools-including video, e-mail, desktop conferencing, online programs such as WebCT and Blackboard, as well as video conferencing-to teach. Thus, it is no longer acceptable for educators to be technology illiterate.

With that in mind, here is a comprehensive listing of the technology skills that every educator should have because as computer and associated technologies continue to change and evolve, educators must continue to strive for excellence in their work. Today that includes continued time and effort to maintain and improve their technology skills (as much as some educators do not want to admit).

Here are 20 basic technology skills that all educators should now have:

- Word Processing Skills
- Spreadsheets Skills
- Database Skills
- Electronic Presentation Skills
- Web Navigation Skills
- Web Site Design Skills
- E-Mail Management Skills
- Digital Cameras
- Computer Network Knowledge Applicable to your School System
- File Management & Windows Explorer Skills
- Downloading Software From the Web (Knowledge including eBooks)
- Installing Computer Software onto a Computer System
- WebCT or Blackboard Teaching Skills
- Videoconferencing skills
- Computer-Related Storage Devices (Knowledge: disks, CDs, USB drives, zip disks, DVDs, etc.)
- Scanner Knowledge
- Knowledge of PDAs
- Deep Web Knowledge
- Educational Copyright Knowledge
- Computer Security Knowledge

1. Word Processing Skills

Educators should be able to use some type of word processing program to complete written tasks in a timely manner. See the following Web sites for helpful information and tutorials.

University of Alberta: Online Word Processing Tutorials

www.quasar.ualberta.ca/edpy202/tutorial/wptut/wpweb.htm

This page is a collection of Internet links that provide word processing instruction.

Tutorialfind.com: Word Processing Tutorials

www.tutorialfind.com/tutorials/computerbasics/wordprocessing

This site has a number of word processing tutorials, and is also a portal for a variety of other tutorials.

2Learn.ca Education Society: Word Processing Teacher Tools

www.2learn.ca/teachertools/Wordprocessing/wphow2.html

Word processing tutorials for Microsoft Word, Corel WordPerfect, and Appleworks.

Essential Microsoft Office 2000: Tutorials for Teachers: Word

www.pitt.edu/~poole/Officeindex2.html

Essential Microsoft Office 2000 tutorials from the University of Pittsburgh's Bernie Poole and Rebecca L. Randall.

2. Spreadsheets Skills

Educators should be able to use some type of spreadsheet program to compile grades and chart data. See the following Web sites for helpful information and tutorials on these skills.

University of Alberta: Online Spreadsheet Tutorials

www.quasar.ualberta.ca/edpy202/tutorial/spreadsheet/spreadsheet.htm

This page is a collection of Internet links that provide instruction on using spreadsheet programs.

Teachnology: Spreadsheets Teaching Theme

<http://teachers.teach-nology.com/themes/comp/spreadsheets>

Spreadsheet tutorials from Teachnology, the Web Portal for Educators

Excel in TutorGig Tutorials

www.tutorgig.com/showurls.jsp?group=531&index=0

Spreadsheet tutorials from TutorGig.

Essential Microsoft Office 2000: Tutorials for Teachers: Excel

www.pitt.edu/~poole/Officeindex2.html

Essential Microsoft Office 2000 tutorials from the University of Pittsburgh's Bernie Poole and Rebecca L. Randall.

Black Hills State University: Technology for Teachers: Spreadsheets

www.bhsu.edu/education/edfaculty/lturner/Technology_for_Teachers.htm#Spreadsheets

A listing of various Web sites for spreadsheet tutorials and related information.

3. Database Skills

Educators should be able to use some type of database program to create tables, store and retrieve data, and query data. See the following Web sites for helpful information and tutorials on these skills.

University of Alberta: Online Database Tutorials

www.quasar.ualberta.ca/edit202/tutorial/database/database.htm

Database tutorials from the University of Alberta.

Technology and Telecommunications for Teachers: Database Tutorial

www.k12.hi.us/~tethree/01-02/tutorials/db

This tutorial was created by the Advanced Technology Research Branch of the Hawaii Department of Education to provide supplemental productivity tool information to teachers enrolled in the Technology Telecommunication for Teachers (T3) Program.

Microsoft Access Database Tutes

www.rd-robotics.com/accesscommunity/tutes

Microsoft Access database tutorials from R&D Robotics.

Essential Microsoft Office 2000: Tutorials for Teachers: Access

www.pitt.edu/~poole/Officeindex2.html

Essential Microsoft Office 2000 tutorials from the University of Pittsburgh's Bernie Poole and Rebecca L. Randall.

Black Hills State University: Technology for Teachers: Databases

www.bhsu.edu/education/edfaculty/lturner/Technology_for_Teachers.htm#Databases

A listing of Web sites for database tutorials, help and related information

4. Electronic Presentation Skills

Educators should be able to use electronic presentation software to create and give electronic presentations. See the following Web sites for helpful information and tutorials on these skills.

PowerPoint in the Classroom

www.electricteacher.com/tutorial3.htm

A list of commonly tasks used while working in PowerPoint, and a step-by-step guide on how to perform them.

University of Victoria: PowerPoint I

www.educ.uvic.ca/compined/Level1/ppoint/ppoint1.htm

PowerPoint tutorials and information from the University of Victoria in British Columbia.

Steven Bell's PowerPoint and Presentation Skills Resource Page

<http://staff.philau.edu/bells/ppt.html>

A list of resources that provide information and technical assistance for developing Power Point slide presentations, as well as information on designing computer-based presentations and mounting PowerPoint files on the Web.

University of California: Presentation/In-Class Software Tutorial & Guides

www.uclitc.org/toolbox/guides/presentation.html

Presentation software tutorials and many other related tutorial categories from the University of California Regents.

University of Alberta: Online PowerPoint Tutorials
www.quasar.ualberta.ca/edpy202/tutorial/PowerPoint/PowerPoint.htm
Online PowerPoint Tutorials from the University of Alberta.

Essential Microsoft Office 2000: Tutorials for Teachers: PowerPoint
www.pitt.edu/~poole/Officeindex2.html
Essential Microsoft Office 2000 tutorials from the University of Pittsburgh's Bernie Poole and Rebecca L. Randall.

5. World Wide Web Navigation Skills

Educators should be able to navigate the World Wide Web and search effectively for data on the Internet. See the following Web sites for helpful information and tutorials on these skills.

Black Hills State University: Search Engines
www.bhsu.edu/education/edfaculty/ltturner/Search%20Engines.htm
An educational Web portal that provides links to search engines and searching techniques.

Finding Information on the Internet: A Tutorial
www.lib.berkeley.edu/TeachingLib/Guides/Internet/FindInfo.html
This tutorial presents the substance of the Internet workshops offered by the Teaching Library at the University of California at Berkeley.

Searching the Web in the Yahoo! Directory
http://dir.yahoo.com/Computers_and_Internet/Internet/World_Wide_Web/Searching_the_Web
A listing of the top search engines and directories categorized by Yahoo!

Online Writing Lab: Searching the World Wide Web
http://owl.english.purdue.edu/handouts/research/r_websearch2.html
Purdue University's Online Writing Lab Searching the Internet tutorial

How to be a WebHound
www.mcli.dist.maricopa.edu/webhound/
The WebHound site shows you how to use various Web search tools.

ICYouSee: T is for Thinking
www.ithaca.edu/library/training/think.html
A guide to critical thinking about what you see on the Web.

6. Web site Design Skills

Educators should be able to design, create, and maintain a faculty/educator Web page/site. See the following Web sites for helpful information and tutorials on these skills.

The WWW Help Page
<http://werbach.com/web/wwwhelp.html>
Web Page Design Help from Kevin Werback, a portal type help site.

Netscape's Resources for Creating Web sites
<http://wp.netscape.com/browsers/createsites/index.html>
Resources for Creating Web sites page from Netscape

Teachers.Net Homepage Maker
<http://teachers.net/sampler>
Teacher Web site creation - interactive from Teachers.net

Web Adventure!
www.webdiner.com/webadv
Web Adventure a beginners design and creation Web site

BUBL Link: Catalogue of Internet Resources
<http://bubl.ac.uk/link/w/webpagedesign.htm>
Web Page Design portal page.

How Web Pages Work
www.howstuffworks.com/web-page.htm
How Stuff Works page on how Web Pages Work

Creating a Web Page

www.marshall-es.marshall.k12.tn.us/jobe/webpage.html

Web Page Design from Hazel Jobe aMarchal Elementary in Lewisburg TN.

Technology for Teachers

www.bhsu.edu/education/edfaculty/lturner/Technology_for_Teachers.htm

A listing of Web sites for web design, creation help and related information

7. E-Mail Management Skills

Educators should be able to use e-mail to communicate and be able to send attachments and create e-mail folders. See the following Web sites for helpful information and tutorials.

Computer Skills Tutorials

http://psychology230.tripod.com/canyons_online/id4.html

E-mail tutorials from Online Learning at the College of the Canyons

Web Site 101: Small Business E-Mail Tutorial

www.Web.site101.com/email_e-mail

E-mail tutorials and e-mail basics from Web site101.com

UNITAR's PATIT Training Program: E-Mail Basics

www.un.int/unitar/patit/onlinetutorials/emailbasics.htm

E-mail basics from UNITAR

VisualTutorials.Com

<http://visuالتutorials.com/email.htm>

E-mail tutorials from VisualTutotiral.com

The Animated Internet: How E-Mail Works

www.learnthenet.com/english/section/email.html

E-mail tutorials from Learn the Net.com

8. Digital Cameras Knowledge

Educators should know how to operate a digital camera and understand how digital imagery can be used. See the following Web sites for helpful information and tutorials.

Digital Photography Review

www.dpreview.com

Digital Photography Review is an independent resource dedicated to the provision of news, reviews and information about Digital Photography and Digital Imaging published at the Internet address www.dpreview.com.

How Digital Cameras Work

www.howstuffworks.com/digital-camera.htm

How Digital Cameras Work by How Stuff Works.

The Casio Classroom: 1001 Uses for a Digital Camera

<http://pegasus.cc.ucf.edu/~ucfcasio/qvuses.htm>

This site is designed as a reference tool putting educators in touch with creative educational applications for digital cameras in educational settings.

Digital Cameras in Education

<http://members.ozemail.com.au/~cumulus/digcam.htm>

Web site by Keith Lightbody - ICT Consultant Digital cameras are one of the single most successful Information and Communications Technology purchases you can make in a school. Promote visual literacy - encourage students to use digital cameras!

Technology for Teachers: Digital Cameras

www.bhsu.edu/education/edfaculty/lturner/Technology_for_Teachers.htm

A listing of Web sites about Digital Cameras and related information

9. Network knowledge applicable to your organization.

Educators should know the basics of computer networks and understand how their school network works. See the following Web sites for helpful information and tutorials.

Knowledge Network Courses for Teachers

www.knowledgenetwork.co.za/educators/educators.htm

Knowledge Network, established in 1994, specializes in integrated technology solutions for schools, the development of teachers and learners in schools, IT Project Management for Schools and IT skills training and IT skills evaluations for companies.

An Educator's Guide to School Networks

<http://fcit.usf.edu/network/default.htm>

An Educator's Guide to School Networks

Discovery Schools Kathy Schrock's Guide for Educators

<http://school.discovery.com/schrockguide/sci-tech/scicom.html>

Kathy Schrock's Guide for Educators - Computing and Technology

Kid Source Online

www.kidsource.com/kidsource/content2/how_can_computer_network.html

Kids SourceOnline - How Can Computer Networking Be Used in the Classroom?

What is a Computer Network

<http://archive.ncsa.uiuc.edu/edu/nie/overview/handbook/ch2.1.html>

A Guide to Networking a K-12 School District

How to Guide: The Basics of Information Technology

www.enterprise-ireland.com/ebusiness/guides/basics_bht/basics_p2a.htm Beginners Guide to Networking

10. File Mgmt & Windows Explorer Skills

All educators should be able to manage their computer files and be able to complete the following tasks; create, and delete files and folders, move and copy files and folders using the My Computer window and Windows Explorer. See the following Web sites for helpful information and tutorials.

Grant MacEwen College: Online Student Tutorial

<http://learn.gmcc.ab.ca/lol/students/tutorial/mod2/2obj2fms.html>

Online Student Tutorial - File Management Skills

Oregon State University Extension Service

<http://extension.oregonstate.edu/ectu/training/lessons/FileManagement.pdf>

File Management from Oregon State University - Extension Computing Technology Unit.

Basic Computer Skills Tutorial

www.umuc.edu/distance/odell/ctla/basic_skills

UMUC Center for Teaching and Learning - Basic Computer Skills tutorial

Alverno College's Basic Computer Skills Tutorials

www.depts.alverno.edu/cil/mod1

Alverno College -Basic Computer Skills Tutorials.

11. Downloading Software from the Web Knowledge - including e-Books

All educators should be able to download software from the web and know of the major sites that can be used for this purpose. See the following Web sites for helpful information and tutorials.

Tucows.com

www.tucows.com

Download.com

www.download.com

Shareware.com

www.shareware.com

FreewareFile.com

www.freewarefiles.com

Computer Tutorials from Carol

<http://carolirvin.com/tutorials.htm>

Carol Irvin's Free Computers Tutorials

e-Books

Microsoft Reader

www.microsoft.com/reader

Microsoft Reader download site.

Download Adobe Acrobat Reader

www.adobe.com/products/acrobat/readstep2.html

Acrobat Reader download site.

E-Book Links

www.bhsu.edu/education/edfaculty/lturner/Ebooks.htm

A listing of download sites for readers and e-books, help and related information.

Adobe eBooks Central

www.adobe.com/epaper/ebooks/main.html

Adobe's e-Book Web site

The eBook Directory

www.ebookdirectory.com

The e-book Directory Web site.

eLibrary- Books and Site Links

www.web-books.com/cool/ebooks/Library.htm

Free eBooks and Best Sites.

Free eBooks.Net

www.free-ebooks.net

Free e-books on the Internet Web site.

eBook.com (Australia)

www.e-book.com.au/freebooks.htm

Free e-books Web site from ebooks.com

12. Installing Computer Software onto a Computer System

Educators should be able to install computer software onto a computer system. See the following Web sites for helpful information and tutorials.

Basics of Computing: Installing Software

<http://members.aol.com/shobansen3/installing.html>

Installing Software Tutorial

Basic Computer Skills for Teachers

www.aps.edu/aps/sw_depart/basicskills/Installing.html

Basic Skills for Teachers - How to Install Software

Regents of the University of Minnesota Master Internet Volunteer Program

www.extension.umn.edu/miv/curriculum/awdinst.html

Downloading and Installing Software Instructions.

Welcome to Computer Training Tutorials

www.ckls.org/~crippel/computerlab/tutorials

Software Installation Problems Tutorial

13. WebCT or Blackboard Teaching Skills

Educators should be aware of these two online teaching tools and know about them and/or know how to use them to teach or take classes. See the following Web sites for helpful information and tutorials.

WebCT Web site

www.webct.com

Blackboard Web site

www.blackboard.com

ICON- Iowa Courses Online
<http://icon.uiowa.edu/index.shtml>
WebCT and Blackboard courses

Comparison of Online Course Delivery Software Products
www.marshall.edu/it/cit/webct/compare/comparison.html
Complete side by side comparison of various online course delivery software products.

14. Video Conferencing skills

Educators should be able to use a video conferencing classroom and understand the basics of teaching with Video Conferencing. See the following Web sites for helpful information and tutorials.

JISC Technology Applications Programme
www.cse.dmu.ac.uk/~jtb/jtap-037.htm
Practical Guidelines for Teaching with Video Conferencing from JTAP

SBC Knowledge Network Explorer
www.kn.pacbell.com/wired/vidconf/intro.html
An Introduction to Video Conferencing from SCB

Teaching with Technology
www.powertolearn.com/articles/teaching_with_technology/video_conferencing_for_teaching_and_learning.shtml
Video Conferencing for Teaching & Learning article from Power to Learn

LDTI Case Studies
www.icbl.hw.ac.uk/ldti/vcstudies
Video Conferencing for Teaching & Learning online articles and information

Conferencing Technology Guidelines
www.gla.ac.uk/lncs/main/video.htm
Video Conferencing Guidelines from the University of Glasgow

Teleconferencing and Teaching
<http://coehd.utsa.edu/users/pmcgee/teleconference.htm>
Teleconferencing and Teaching from the University of Texas

15. Computer Related Storage Devices Knowledge.

Educators should understand and know how to use the following data storage devices: disks, CDs, USB drives, zip disks & DVDs. See the following Web sites for helpful information and tutorials.

Diskettes

Disabled Women's Network Ontario Computer Basics
<http://dawn.thot.net/cd/135.html#2>
Computer Basics - diskettes

Hardware Basics: Inside the Box
www.cse.psu.edu/~domico/CMPSC101/Lecture-1.htm
Computer Hardware Basics - diskettes

Formatting Diskettes
www.vertical-market.com/gui/W2_1099GUI/Formatting%20Diskettes.htm
Step by step guide to formatting diskettes

How Floppy Disks Work
<http://computer.howstuffworks.com/floppy-disk-drive.htm>
How Stuff Works explains How Floppy Disks Work

CDs

Cognigen PC Burning Basics
www.cognigen-pc.com/main/coop/default.aspx?Cid=1002
CD Burning Basics

Creating your own CDs

www.microsoft.com/resources/documentation/windows/xp/all/proddocs/en-us/creatingyourown cds.msp

The Microsoft Networks guide to burning CDs

Information on CD-ROM Drives

www.computerhope.com/help/cdrom.htm

Computer Hardware - CD Information

PC Guide's About CD-ROM Drives

www.pcguides.com/ref/cd/index-c.html

CD-ROMs - The PC Guide

Zip CDs User Manual

www.iomega.com/support/manuals/zipcda8x4x32/use_discs.html

Selecting and Using CDs.

Making Data CDs

www.ivytech.edu/madison/hr/Instructions%20for%20Creating%20a%20CD.doc Making Data CDs Using the Easy CD Creator

Wikipedia, the free encyclopedia:CDs

http://en.wikipedia.org/wiki/Compact_disc

CDs from Wikipedia

USB Drives

(also known as pen drives, flash drives, key chain drives, portable hard drives)

SearchStorage.Com: Jump Drive

http://searchstorage.techtarget.com/sDefinition/0,,sid5_gci869057,00.html

Keychain Drive Information

#1 Pen & Flash Drives

www.pen-flash-drives.com

Flash Drive Information

How USB Ports Work

<http://computer.howstuffworks.com/usb.htm>

How USB Drives Work

USB Floppy Disk Driver FAQs

www.yedata.com/support/floppydrives_faq.shtml

FAQ about USB Drives

USB Hard Drive By Crazy PC

www.cluboverclocker.com/reviews/drives/flash_drives/q_usb_hd

USB Drive Information

The MemoryGuide.com

www.the-memory-guide.com/usb-drive.html

USB Drives - A New Wave in PortableStorage

DVDs

How DVDs Work

<http://electronics.howstuffworks.com/dvd.htm>

How Does a DVD Work? from How Stuff Works

How It Works: DVD

www.pcworld.com/howto/article/0,aid,14697,00.asp

How Do DVDs Work? from PC World

Sony DVD FAQs

www.sonyburners.com/faqs

DVDs FAQs

Use DVDs for Archiving and Storage

www.datamind.co.uk/merchant/dvd_for%20storage_backup.htm

Use DVDs for Storage and Archiving from Datamind.co.uk

KarbosGuide.com: DVDs

www.karbosguide.com/hardware/module4c3a.htm

DVD Media

Zip Disks

Iomega's Home Page

www.iomega.com/na/landing.jsp

Zip Drive Information from iomega

Zip Drive FAQs

http://phyweb.lbl.gov/compute/local_zip.html

Zip Drive FAQ

Zip: Q&A

www.amigau.com/zipdrives/aFAQ.html

Zip Home - FAQ

16. Scanner Knowledge

Educators should know how to use a scanner and what OCR capacity is. See the following Web sites for helpful information and tutorials.

A Few Scanning Tips

www.scantips.com

Scanning Tips by Wayne Fulton

AARP: How to Use a Scanner

www.aarp.org/computers-howto/Articles/a2002-07-16-scan.html

How to Use a Scanner

How do I Use a Scanner

www.bbc.co.uk/webwise/askbruce/articles/scancam/usescan_1.shtml

How to Use a Scanner by Ask Bruce

Scanners

www.pcworldmalta.com/archive/iss44/scanners.htm

Scanner Information by PC World

Scanning Tips for Beginners (and old pros, too)

<http://aroundcny.com/technofile/texts/tec010503.html>

Scanning Tips for Beginners

Best Sites for OCR Scanners

www.discount-secrets.com/computer/scanners/ocr-scanner.htm

OCR Scanner Information.

Secrets of...

www.secretsof.com/content/576

Secrets of Taming Computers – Scanners

17. PDAs Knowledge

Educators should now what a PDA is and who to use one. See the following Web sites for helpful information and tutorials.

Palm Web site

www.palmone.com/us/?siteRef=p1-xfer

The Source for a Palm Powered World

www.palmgear.com

PalmGear's Web site

Palm News and Information

www.handheldnews.com/category.asp?ObjectID=5421

Palm News for Beginners

Real People Helping People: Palm Computing Devices

www.suite101.com/linkcategory.cfm/4239/5398

General Information on Palm Pilots

Basic PDA Specs Explained

www.geek.com/news/geeknews/2003Jan/bpd20030103017997.htm

Basic PDA Information

For PDA Users

<http://scilib.ucsd.edu/bml/pda/intro.htm>

Introduction for PDAs from UCSD

18. Deep Web Knowledge

Educators should know what the deep web is and how to use it as a resource tool. See the following Web sites for helpful information and tutorials.

The Deep Web Directory

www.completeplanet.com

CompletePlanet's Deep Web search engine and site

Internet Tutorial: The Deep Web

<http://library.albany.edu/internet/deepweb.html>

Deep Web Information from University Library at Albany NY

Your Source for Deep Web Information

www.deepweb.com

The Deep Web Web site.

Searching the Deep Web

www.deepwebtech.com

Deep Web Technologies Web site.

Invisible Web Gets Deeper

www.searchenginewatch.com/sereport/article.php/2162871

Deep Web information from SearchEngineWatch.

Doing it Deeper: The Deep Web

www.bhsu.edu/education/edfaculty/lturner/The%20Deep%20Web%20article1.doc Article by L Turner from Black Hills State University

19. Educational Copyright Knowledge

Educators should understand the copyright issues related to education including multimedia and Web-based copyright issues. See the following Web sites for helpful information and tutorials.

University of Washington Libraries: Copyright Information for Educators

www.lib.washington.edu/help/guides/copyright.html

Copyright Information for Educators.

Internet School Library Media Center

<http://falcon.jmu.edu/~ramseyil/copy.htm>

Copyright for Educators portal

Adventures of CyberBee

www.cyberbee.com/copyrt.html

Copyright with CyberBee

West Valley College Library: Copyright

www.westvalley.edu/wvc/library/copyright-resources.html

Copyright Information for Educators

University of Maryland University College: Information and Library Services
www.umuc.edu/library/copy.html
Copyright and Fair Use in the Classroom, on the Internet, and the World Wide Web

PBS Teacher's Source
www.pbs.org/teachersource/copyright/copyright_ed_multi.shtml
Educational Multimedia

Black Hills State University: Copyright Guidelines
www.bhsu.edu/education/edfaculty/lturner/Copyright%20Guidelines.htm
Copyright Guidelines portal

20. Computer Security Knowledge

Educators should know about basic computer security issues related to education. See the following Web sites for helpful information and tutorials.

Computer World: The Need for Better Security
www.computerworld.com/securitytopics/security/story/0,10801,71714,00.html
Computer security concerns article from ComputerWorld

Security 101: Security
www.secure101.net/security/security.htm
Security 101 A Basic Computer Security Resource for Educators

Educational Cyber Playground: Security
www.edu-cyberpg.com/Technology/staffdr.html
Computer Security and Related Issues Portal

Cisco Systems: Beginners Guide to Network Security
www.cisco.com/warp/public/cc/so/neso/sqso/beggu_pl.pdf
A Beginners Guide to Network Security

A Beginners Guide to Wireless Security
www.governmentsecurity.org/articles/ABeginnersGuideToWirelessSecurity.php
A beginner's guide from GovernmentSecurity.org

Computer and Network Security Introduction
www.comptechdoc.org/independent/security
An article by the Computer Technology Documentation Project

Science & Technology Resources on the Internet
www.istl.org/02-fall/internet.html
Computer security article by Jane Kinkus, Purdue University

To read the article on our Web site go to <http://www.thejournal.com/magazine/vault/a5387.cfm>

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