



intelinfo.com

**FREE I.T.  
Computer  
Training Now!**

## Computer Education, Training, and Tutorial Resources

**Subscribe to our Free Ezine to Get the Latest & Best FREE Computer IT Training!**

[To Newsletter Archives](#)

# Newsletter for Computer Education, Training & Tutorial Resources: Issue #26 - Oct. 2002

### **Learn New Skills & Increase Your Earning Power With FREE Computer Training!**

Learn programming for Free and how to develop and write computer programs and IT applications. Get Free knowledge, information, references, and resources about computers now. Many Free training [courses](#), [tutorials](#), [books](#), training guides, tips, articles, and helps are available to you.

For help finding what you need go to [Navigation by Topic to Free Training](#) or use [pop-up](#).

### **Subscribe to our Free monthly Newsletter to Get the Latest & Best FREE Computer IT Training!** -

You'll stay current with all the New Free Computer Training and Education sites we discover - Subscribe now because you'll have access to these great new sites a month before our web site visitors do, and with each issue you'll receive our 2 non-public links containing 97 Pages of Free Training with over 15,200 Free IT training and tutorial resources.

Plus, you'll receive our new 21 chapter e-book "[Understanding Computer Security](#)" for Free!

### **I.T. Education & Training:**

[Home Page](#)

[Free Computer Training & Courses](#)

[Free Computer Books](#)

[Free Tutorials, Guides, Support & Help](#)

---

## Newsletter for Computer IT Education, Training & Tutorial Resources

\*\*\* ISSUE #26 - October 2002 \*\*\*

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

This Newsletter is only sent to its subscribers and is available in early November, 2002 on the web at <http://www.intelinfo.com/newsletter26.html>

Newsletter Archives are here:  
<http://www.intelinfo.com/newsletter.html>

Subscribe and unsubscribe instructions are at the end.

Please forward this newsletter to all your friends and associates who might be interested!

---

### **In This Issue:**

- [1\)... Editor's Greeting](#)
- [2\)... The Best New Free I.T. Training & Tutorial Sites](#)
- [3\)... New Free I.T. Books & Book Sites](#)
- [4\)... University Computer Science Course Sites](#)
- [5\)... The Best Suggested Sites from Website Users](#)
- [6\)... New I.T. Training & Tutorial Link Sites](#)
- [7\)... New Desktop and Office Application Training Sites](#)
- [8\)... I.T. Sites Worth Mentioning](#)

## [9\)... Frequently Asked Questions about Technical Training](#)

## [10\)... Please Support Our Computer Training Mission](#)

---

---

### 1) Editor's Greeting:

Hello, everyone and welcome to our new subscribers!

This is the 26th issue of our free monthly email newsletter for Computer IT Education, Training, & Tutorial Resources, giving you the latest Free online IT Training Resources that we have recently discovered and researched. This newsletter is free to anyone subscribing (instructions at bottom, no username/password is needed). To access our member site, however, you do need a user name and password - registering as a member of Intelinfo.com costs \$10 for two months, for more information please see below 'Become a Member of Intelinfo.com'.

My desire is that these free resources will help you with your computer education and training and are tools to advance your IT career. Our main mission is the training of those less fortunate who are seeking to become computer literate, both technically and from a user's perspective.

In this issue we describe and link to a total of 70 computer, IT and programming learning and tutorial web sites. By means of this email newsletter, you have knowledge of and access to these sites before our web site visitors do. This newsletter is now available to subscribers in HTML format at this special url:

[http://www.intelinfo.com/current\\_news.html](http://www.intelinfo.com/current_news.html)

\*\*\* Current News \*\*\*

We've added some great new content to our free IT certification study guides and notes page at [http://www.intelinfo.com/free\\_it\\_certification\\_study\\_guides.html](http://www.intelinfo.com/free_it_certification_study_guides.html) - It now includes more study guides and listings of providers offering free certification exam practice questions.

We are offering a Free Full version (retail value \$149.95) of the Windows 2000 Professional Quizzer (exam 70-210) to all Intelinfo.com newsletter subscribers. You can get here: <http://www.beachfrontdirect.com/itetb1.html>

It is produced by Free Beachfront Direct, a leading certification site. It contains:

- Over 250 Questions/Multiple Choice Answers
- Detailed explanations for all questions
- Lots of Free on-line web references
- Adaptive Mode, Study Mode and Exam Simulation Mode

I'd like to personally wish you the best with your computer studies and learning.

Warm Regards,  
Scott Turton  
Newsletter Editor and Webmaster  
<http://www.intelinfo.com/>

\*\*\*\*\*

**Please Visit One of Our Sponsors and request more information** - doing this gives us the resources to bring you these great free computer and IT training resources every month:

---

Search for IT Training:  
<http://tinyurl.com/lngv>

[Free University Course Websites](#)

[Best FREE Online Computer IT Courses](#)

[Lower Fee Distance Learning Sites](#)

[Higher Fee Distance Learning Sites](#)

[Link and Resource Sites](#)

[Free Certification Exam Study Guides](#)

[Free IT Training Tutorials](#)

[Free IT Training Downloads](#)

[eBiz Web Building](#)

[Free Programming Software](#)

[Monthly Newsletter: New Free Sites](#)

[Free Site of the Month](#)

[Best Course & Degree Locators](#)

[Free Desktop & Office Tutorials](#)

**Additional Site Content:**

[Member Info & Sign Up](#)

[Member Login](#)

[Intelinfo's Computer Open Web Directory](#)

[IT Certification Counselor and Complete List](#)

[Financial Aid Information](#)

[Job Search & Career Advice](#)

[Online IT Publications](#)

[IT Associations & Organizations](#)

[The Latest Technology](#)

- [News](#)
- [IT Stock Quotes and News](#)
- [Great Free Software](#)
- [eBiz: Build, Promote, & Profit](#)
- [Great Free Stuff and Trial Offers](#)
- [Online Games](#)
- [Music and Movies](#)
- [Travel Reservations, Flight Schedules & Tracking](#)
- [The Best of the Web](#)
- [Best Developer Books at Amazon.com](#)
- [How You Can Support Our IT Training Mission](#)
- [Health, Cooking, Weather, World News](#)
- Community Content:**
- [Use Our Forum to Ask Questions & Give Comments](#)
- [Enter Our Chat Room](#)
- [Our Free Links Page](#)
- [Free Classified Ads](#)
- [Create and Send a Greeting Card](#)
- [Our Cartoons and Jokes](#)
- [Free Email at ZapZone](#)
- [Take Our Survey](#)
- [Tell a Friend about this Site](#)

Computer Colleges:  
<http://tinyurl.com/lnvm>

University of Phoenix Online: Advance your career:  
<http://pontly.com/clk/aftauserafthepausulde>

DeVry: Online degrees for working adults...  
<http://iashel.com/clk/guntuanglangan>

Westwood College of Technology - Online:  
<http://tinyurl.com/lnv7>

Find Computer Programming Training:  
<http://tinyurl.com/lnvj>

ITT Technical Institute: Choose from their many programs:  
<http://ipodra.com/clk/kaitanyunnuodiao>

American InterContinental University Online:  
<http://didtal.com/clk/baizhuanliumei>

Regis University Online (MBA Programs):  
<http://ilatpa.com/clk/ersolfmermanabung>

University Alliance Schools:  
 Accelerated degrees and flexible online courses with streaming video lectures  
<http://elilip.com/clk/tuonongzangtuzhuai>

American College of Computer & Information Sciences:  
 Get the degree you need to advance your career...online at your convenience  
<http://wesac.com/clk/solfglurtmataftatz>

Saint Leo University Online:  
 Accelerated Online Degree Programs: Business and Accounting, Computer Information, Criminal Justice, Liberal Arts.  
<http://gartum.com/clk/yadenibonkiriyudaibon>

\*\*\*\*\*  
 \*\*\*\*\*

**"Learn New Skills and Increase Your Earning Power  
 - With FREE Computer Training!"**

**\*\*\* [Become a Member of Intelinfo.com](#) \*\*\***

Our Members' Site contains the web's best computer and IT training resources and tutorials. This content is individually linked and presented in a way to expedite and facilitate your IT learning experience. We have done all the web research and presentation work for you so you can concentrate solely on your computer training. For a short FAQ, please see the end of this newsletter.

The total price to join as a member is only \$10 total for 2 months, \$18.50 for 4 months or \$25.50 for 6 months. The funds generated will assist us to help all those seeking IT education and application development training. Here's the link to see what's available on our member's site and to sign up: <http://www.intelinfo.com/sign-up/index.html>

\*\*\*\*\*

\*\*\* Free IT Training Materials and Books \*\*\*

This section of our site contains over 2,000 free IT, computer and programming training



resource links

\*\*\* Our Newly Researched Free Online Computer Training \*\*\*

Containing over 12,000 free IT training and tutorial resources, this section of our site is available only to our newsletter subscribers and web site members

\*\*\* Free e-Book: "Understanding Computer Security" \*\*\*

Our new e-book contains the best information from U.S. government agency computer security papers and guides and presents it in a coherent and understandable manner. My hope is that this e-book will make computer security easier to learn. Click here to receive your Free Copy

=====  
=====

## 2) The Best New Free I.T. Training & Tutorial Sites:

This section of our newsletter contains the best new free IT training and tutorial sites that we have found and researched in the last few weeks. These resources will be added to our Free IT Training & Courses page at <http://www.intelinfo.com/cat1.html>, our Free IT Tutorials and Guides page at <http://www.intelinfo.com/cat2.html>, or to our members' site.

Tutorials:

<http://www.felsing.com/tutorials.htm>

IT Tutorials covering UML, Java, J2EE, C++, VB, and Web Development. These documents in PDF format, each of varying lengths, from 10 to 300 pages.

\*\*\*\*\*

Object Mentor - Articles:

<http://www.objectmentor.com/resources/articleIndex>

Articles about software development covering Analysis, Architecture, C, C++, Database, Design, GUI, Java, Methodologies, Object Oriented Design, Patterns, Testing, UML, and Use Cases.

\*\*\*\*\*

OOP Tutorial:

<http://homepages.unl.ac.uk/~chalkp/proj/ootutor/sitemap1.html>

This is an Interactive Web Tutorial for Object Oriented Programming: OOP Concepts, OOP Design and UML, along with tests to assess your learning.

\*\*\*\*\*

161 Rules of Thumb for C/C++ and OO:

<http://www.holub.com/goodies/rules.html>

Most of these rules apply to programming in general and OO programming in other languages (such as Java) in particular.

\*\*\*\*\*

An Introduction to Object-Oriented Design:

[http://www.acqu.org/acornsig/public/articles/ood\\_intro.html](http://www.acqu.org/acornsig/public/articles/ood_intro.html)

This talk is meant to introduce you to object-oriented design. It is particularly useful if you've just started C++ and you're wondering how to decide what classes to use and what goes in them - that's exactly what design is about. Also look at this author's Object-



powered by  
LivePerson

[Search Intelinfo.com](http://www.intelinfo.com)



**Internet Super Search:**

Search all the Major Search Engines at once!



Enter your search terms...

...or [browse web pages](#) by category.

**Tell a Friend about this Site!**

**Your Name:**

**Your E-mail:**

**Your Friend's E-mail (use commas if more than 1):**

**Your Comments:**

Receive copy:

If you would like a **Free Copy** of our current IT Education & Training Newsletter without subscribing:

[Make us your homepage! \(IE only\)](#)

oriented programming in C article:  
[http://www.accu.org/acornsig/public/articles/oop\\_c.html](http://www.accu.org/acornsig/public/articles/oop_c.html)

\*\*\*\*\*

Algorithm Tutorial:  
<http://homepages.unl.ac.uk/~chalkp/proj/algutor/index.html>

The aim of this tutorial is to Introduce Algorithms and the basics of Sorting Algorithms.

\*\*\*\*\*

The Road to Better Programming:  
<http://www-106.ibm.com/developerworks/linux/library/l-road1.html>

This is a series of articles comprising a complete guide to better programming in Perl. In this first installment, the author looks at coding guidelines from a fresh perspective. This is for the beginner to intermediate Perl programmer, but even an advanced one can find the majority of the chapters exciting and relevant. Here are chapters 2 through 5:

Chapter 2 - Commenting your code:  
<http://www-106.ibm.com/developerworks/linux/library/l-road2.html>

Chapter 3 - Loops, clean code, and the Perl idioms:  
<http://www-106.ibm.com/developerworks/linux/library/l-road3.html>

Chapter 4 - Functional programming:  
<http://www-106.ibm.com/developerworks/linux/library/l-road4.html>

Chapter 5 - Modules and Objects:  
<http://www-106.ibm.com/developerworks/linux/library/l-road5.html>

\*\*\*\*\*

Free Webinars from exln.com:  
<http://www.exln.com/events/webinars/>

Free XML related E-business live Webinars. They also have an archive of their past ones you can freely access at  
[http://www.exln.com/events/webinars/archive\\_webinars/index.shtml](http://www.exln.com/events/webinars/archive_webinars/index.shtml)

\*\*\*\*\*

Glossary of Terms:  
[http://mcs.open.ac.uk/Computing/html/new\\_courses/m301/glossary.htm](http://mcs.open.ac.uk/Computing/html/new_courses/m301/glossary.htm)

An excellent glossary covering terms and concepts about software development, software engineering, and object -oriented programming.

\*\*\*\*\*

HTML Documentation of Software Packages:  
<http://www.ebi.ac.uk/~lijnzaad/docs/>

This site hosts documentation for these: Oracle, MySQL, OpenLDAP, BASH, Java, Perl, CVS, CORBA, and several more.

\*\*\*\*\*

Mundi Design Studios:  
<http://www.mundidesign.com/home.html>

Great interactive tutorial on The Principles of Graphic Design. Very well made and

informative site built using Macromedia Flash.

\*\*\*\*\*

Computer Networking Tutorials:

Tutorial 1 - Introduction (26 pages):

<http://www.cs.ust.hk/~tykuo/network/tutorial1.doc>

Tutorial 2 - Network Layer (16 pages):

<http://www.cs.ust.hk/~tykuo/network/tutorial2.doc>

Tutorial 3 - Application Layer (13 pages):

<http://www.cs.ust.hk/~tykuo/network/tutorial3.doc>

Tutorial 4 - TCP/IP Model (7 pages):

<http://www.cs.ust.hk/~tykuo/network/tutorial4.doc>

Nice Tutorial Demonstrations:

OSI Model:

<http://www.cs.ust.hk/~tykuo/comp361/OSIdemo.zip>

Access Methods (CSMA, Token Passing, Demand Priority):

<http://www.cs.ust.hk/~tykuo/comp361/AccessMethodDemo.zip>

\*\*\*\*\*

Tapping the Power of the Mobile Enterprise:

<http://www.extendedsystems.com/download/xtndserver/HandheldIntegrationGuide.pdf>

A step-by-step guide to successful handheld integration. (526 kb, 22 pages)

\*\*\*\*\*

Gaudí System Architecting:

<http://www.extra.research.philips.com/natlab/sysarch/index.html>

This site has remarkable depth and coverage of their system architecture training material. Here are links to some of this content:

Course Information:

<http://www.extra.research.philips.com/natlab/sysarch/CourseDescriptions.html>

System Architecting Book:

<http://www.extra.research.philips.com/natlab/sysarch/SystemArchitectureBook.pdf>

System Architecting Modules:

<http://www.extra.research.philips.com/natlab/sysarch/SystemArchitecting.html>

Architectural Reasoning Book:

<http://www.extra.research.philips.com/natlab/sysarch/ArchitecturalReasoningBook.pdf>

Architectural Reasoning Modules:

<http://www.extra.research.philips.com/natlab/sysarch/ArchitecturalReasoning.html>

\*\*\*\*\*

Two Wireless Tutorials:

Wireless Short Message Service Tutorial:

[http://www.iec.org/online/tutorials/wire\\_sms/](http://www.iec.org/online/tutorials/wire_sms/)

Wireless LANs:

<http://www.computerworld.com/mobiletopics/mobile/story/0,10801,69442,00.html>

Describes how wireless local-area networks (WLAN) use radio waves instead of a cable to connect a user device, such as a laptop computer, to a LAN.

\*\*\*\*\*

Free Training from Oracle.com:

Oracle9i Application Development:

<http://www.oracle.com/ip/develop/ids/DevSeminars.html>

View Free on-demand application development internet seminars.

Internet Seminars:

<http://www.oracle.com/iseminars/index.html?topten.html>

Oracle's top 10 Internet Seminars

Free streaming Oracle Training: One Day Web Tools Course:

One Day Web Tools Course - Part 1:

<http://www.oracle.com/pls/ebn...>

One Day Web Tools Course - Part 2:

<http://www.oracle.com/pls/ebn/...>

One Day Web Tools Course - Part 3:

<http://www.oracle.com/pls/ebn/...>

One Day Web Tools Course - Part 4:

<http://www.oracle.com/pls/ebn/...>

One Day Web Tools Course - Part 5:

<http://www.oracle.com/pls/ebn/...>

\*\*\*\*\*

Cisco Seminar Series:

<http://www.cisco.com/cgi-bin/sreg2/register/regmenu.pl>

Some of the seminars offered by Cisco include Securing Your Wireless LAN, Mid-Range Routing, Deploying Quality of Service, and Access the Future. (free registration required)

\*\*\*\*\*

O'Reilly Network: Linux Tutorials:

[http://linux.oreillynet.com/pub/q/linux\\_tutorials](http://linux.oreillynet.com/pub/q/linux_tutorials)

These Linux articles and tutorials cover a variety of topics, such as C Call Vulnerabilities, CASE Tools: Large System Development, CVS, Writing PAM Modules, Remote Linux Administration, Wireless Linux, Qt 3.0, LDAP, and Squid.

\*\*\*\*\*

Some of the Latest and Best Training from IBM Developerworks:

Securing your Web server:

<http://www-105.ibm.com/developerworks/education.nsf/security-onlinecourse-bytitle/...>

This tutorial details how to "lock down" a Web server in less than an hour. It covers physical security, the importance of firewalls, correct application installation, file permissions, and application configuration.

Tuning Red Hat for Maximum Performance:

<http://www-105.ibm.com/developerworks/education.nsf/linux-onlinecourse-bytitle/...> This

tutorial details the ins and outs of transforming an 'out of the box' Red Hat installation into a finely tuned, stable system customized to your needs. You'll also discover that performance and security often go hand in hand.

Linux Links Wirelessly:

<http://www-105.ibm.com/developerworks/education/nsf/wireless-onlinecourse-bytitle..>

This free, dW-exclusive tutorial by Tom Syroid teaches you how to configure a wireless network card under Linux.

\*\*\*\*\*

UNIX, Linux, and Windows: Managing the Unruly Trinity

<http://www.winnnetmag.com/seminars/netiq/>

This web seminar discusses the concerns associated with managing a heterogeneous server environment. You'll learn more about the management characteristics of each platform and about existing management solutions and how well they work. There's no charge for this online event.

\*\*\*\*\*

PC Center's Free Web Test:

<http://www.pccenter-chicago.com/test/welcome.asp>

A Free online practice exam web site. Take practice exams for your Microsoft Certified System Engineer, A+ Certification exams, Network+ exams, and CIW certification exams. (registration required)

\*\*\*\*\*

Microsoft Windows DNA XML Resource Kit:

[http://tabor.millikin.edu/sts/xml/default\\_ie.htm](http://tabor.millikin.edu/sts/xml/default_ie.htm)

This Resource Kit provides tools and resources for the developers who want to take advantage of XML in their Windows DNA applications. The articles, code samples, and tools on this CD will show how XML can be used in each of the three tiers of a Windows DNA application. Here is the index page: <http://tabor.millikin.edu/sts/xml/index.htm>

\*\*\*\*\*

Microsoft Windows 2000 Server Resource Kit TCP/IP Core Networking Guide:

<http://www.dcs.gla.ac.uk/~lewis/cnet.chm>

Download this guide which includes the Microsoft TCP/IP Guide plus lots of information on DNS, DHCP, Windows QoS architecture, IPsec etc. (Windows help format)

\*\*\*\*\*

Two New Articles from Informit.com:

Understanding C# Objects and Collections:

<http://www.informit.com/link.asp?link=art04>

Everything used in C# is an object, so understanding objects is critical to your success with C#. In this hour you'll learn about collections and what makes an object an object.

Using .NET to Build a Distributed Web Application:

<http://www.informit.com/link.asp?link=art05>

Use the Travel Agency Union (TAU) case study to learn how to effectively implement a distributed web application with the .NET framework.

\*\*\*\*\*

Two Microsoft MSDN ASP Pages:



ASP from A to Z:

<http://msdn.microsoft.com/library/en-us/dnasp/html/aspatoz.asp>

This article provides an easy way to find information that pertains to ASP, including a short definition of what ASP is, how ASP works, and an alphabetical list of terms and tips that relate to ASP.

25+ ASP Tips to Improve Performance and Style:

<http://msdn.microsoft.com/library/en-us/dnasp/html/asptips.asp>

This article presents tips for optimizing ASP applications and Visual Basic Scripting Edition (VBScript). Many traps and pitfalls are discussed.

=====  
=====

### **3) New Free Computer IT Books, Publications & Book Sites:**

Some of these web resources will be added to our Free IT Books page at [http://www.intelinfo.com/free\\_computer\\_books.html](http://www.intelinfo.com/free_computer_books.html) and some will be added to our members site.

Free Linux Technology Book Chapters:

Chapter 4 from Linux+ Study Guide:

Users and Security:

<ftp://ftp.sybex.com/2939/2939c04.pdf>

(to prepare for CompTIA's Linux+ Exam) (3.21MB)

Chapter 22 from Mastering Red Hat Linux 7.1:

Connecting Linux to the Internet:

<ftp://ftp.sybex.com/2927/2927c22.pdf> (1.32MB)

Red Hat Certified Engineer Exam Notes:

Web Supplement Chapter: Basic Knowledge:

<ftp://ftp.sybex.com/2812/2812webch.pdf> (1,428KB)

Chapter 6 from the RHCE:

Red Hat Certified Engineer Study Guide: Installation Planning:

<ftp://ftp.sybex.com/2793/2793c06.pdf> (1,400KB)

Chapter 9 from Mastering Linux:

Using Applications with GNOME and X Windows:

<ftp://ftp.sybex.com/2915/2915c09.pdf> (879KB)

Chapter 3 from Linux Sendmail Administration:

Running Sendmail:

<ftp://ftp.sybex.com/2737/2737c03.pdf> (250KB)

Chapter 6 from Linux System Administration:

Creating and Maintaining User Accounts:

<ftp://ftp.sybex.com/2735/2735c06.pdf> (204KB)

\*\*\*\*\*

Advanced Linux Programming:

<http://www.newriders.com/books/opl/ebooks/0735710430.html>

Advanced Linux Programming is intended for the programmer already familiar with the C programming language. The authors take a tutorial approach and teach the most important concepts and techniques for using the advanced and powerful features of the GNU/Linux

system in application programs.

\*\*\*\*\*

Open Distributed Systems:

<http://www.isc.rit.edu/~icsa750/reading/ods.html>

This book is organized in two parts: the first part covers the theory of distributed systems, the second half contains three special examples of distributed systems.

\*\*\*\*\*

The Impact of Object-Orientation on Application Development:

<http://alistair.cockburn.us/crystal/articles/i000oad/impactofoonapplicationdevelopment.pdf>

This document highlights four areas of O-O that impact application development: encapsulation, anthropomorphic design, reuse with extensibility, and incremental and iterative development. (8.8 mb, 25 pages). The following book extract is also useful:

Surviving Object Oriented Projects:

<http://alistair.cockburn.us/crystal/books/soop/soop9704extract.pdf>

(309 kb, 78 pages)

\*\*\*\*\*

Software Architect:

<http://www.softwarearchitect.biz/>

This book is about how individuals can take the lead in realigning our development efforts to the original promise of technology of making our lives easier. The position of Software Architect, or a similar title, has been created by many organizations in the realization that software development needs to be led by a single mind, or more accurately, by a single vision. This will guide you to the skills you need to become a software architect and survive as one.

\*\*\*\*\*

Software Engineering Using C++:

<http://www.cse.dmu.ac.uk/~tdc/teaching/sweng/handouts/SwengbookRevised151199.pdf>

This is a 116 page book of lecture notes by Professor Terry Chapman of De Montfort University. It is very well organized and presented. He also wrote this document which explains what a binary search is:

<http://www.cse.dmu.ac.uk/~tdc/teaching/sweng/handouts/BinarySearch.pdf>

\*\*\*\*\*

Numerical Recipes Books On-Line:

[http://www.ulib.org/webRoot/Books/Numerical\\_Recipes/](http://www.ulib.org/webRoot/Books/Numerical_Recipes/)

Numerical Recipes in C - The Art of Scientific Computing:

[http://www.ulib.org/webRoot/Books/Numerical\\_Recipes/bookcpdf.html](http://www.ulib.org/webRoot/Books/Numerical_Recipes/bookcpdf.html)

Numerical Recipes in Fortran 90 - The Art of Parallel Scientific Computing:

[http://www.ulib.org/webRoot/Books/Numerical\\_Recipes/bookf90pdf.html](http://www.ulib.org/webRoot/Books/Numerical_Recipes/bookf90pdf.html)

\*\*\*\*\*

Free Book Excerpts from therationale.com:

Use-Case Modeling:

[http://www.therationale.com/content/jul\\_02/t\\_establishingTheVision\\_kb.jsp](http://www.therationale.com/content/jul_02/t_establishingTheVision_kb.jsp)

"Servlets" from Developing Enterprise Java Applications with J2EE and UML:  
[http://www.therationaledge.com/content/aug\\_02/t\\_servletsChp10\\_ka.jsp](http://www.therationaledge.com/content/aug_02/t_servletsChp10_ka.jsp)

"An Introduction to the Java 2 Platform, Enterprise Edition" from Building J2EE Applications with the Rational Unified Process:  
[http://www.therationaledge.com/content/sep\\_02/r\\_introToJ2EE\\_pe.jsp](http://www.therationaledge.com/content/sep_02/r_introToJ2EE_pe.jsp)

Developing Applications with Java and UML:  
[http://www.therationaledge.com/content/may\\_02/t\\_startingTheProject\\_pr.jsp](http://www.therationaledge.com/content/may_02/t_startingTheProject_pr.jsp)

\*\*\*\*\*

Voice Communication Between Humans and Machines:  
<http://www.nap.edu/books/0309049881/html/index.html>

This book is based on the National Academy of Science's Colloquium on human-machine communication by voice. The articles appearing on these pages were contributed by speakers at the colloquium.

\*\*\*\*\*

World Wide Web - Beyond the Basics:  
<http://ei.cs.vt.edu/~wwwbtb/book/index.html>

The material in the book caters to a dual audience: novice users of the WWW, who want a fundamental knowledge about existing and evolving Web technology, and professional users, who want in-depth information on specific topics.

\*\*\*\*\*

Tcl for Web Nerds:  
<http://philip.greenspun.com/tcl/>

The authors hope that a professional programmer or MIT student can breeze through this book in one evening. By the end of the evening, that person should have learned Tcl, learned a little something about the Web, and not have been bored.

\*\*\*\*\*

Algorithms and Complexity by Herbert S. Wilf:  
<http://www.cis.upenn.edu/~wilf/AlgComp2.html>  
<http://ban.mansfield.ohio-state.edu/boat/books/AlgorithmComplexity/AlgorithmComplexity.html>

This book grew out of the senior level course, discrete algorithms, at the University of Pennsylvania's computer track. (1.1 mb)

\*\*\*\*\*

PVM: Parallel Virtual Machine:  
<http://www.netlib.org/pvm3/book/pvm-book.html>

A Users' Guide and Tutorial for Networked Parallel Computing. To successfully use this book, one should be experienced with common programming techniques and understand some basic parallel processing concepts. In particular, this guide assumes that the user knows how to write, execute, and debug Fortran or C programs and is familiar with Unix.

\*\*\*\*\*

Unix System Administration:  
[http://wks.uts.ohio-state.edu/sysadm\\_course/html/sysadm-1.html](http://wks.uts.ohio-state.edu/sysadm_course/html/sysadm-1.html)

This free book teaches installation and maintenance of the Unix computer system. The

system administrator will need to maintain the software and hardware for the system. This includes hardware configuration, software installation, reconfiguration of the kernel, networking, and anything else that's required to make the system work and keep it running in a satisfactory manner.

\*\*\*\*\*

New Free Chapters from Osborne.com:

Advanced C# Programming:

[http://www.osborne.com/products/0072224177/0072224177\\_ch01.pdf](http://www.osborne.com/products/0072224177/0072224177_ch01.pdf)

GCC: The Complete Reference:

[http://www.osborne.com/products/0072224053/0072224053\\_ch01.pdf](http://www.osborne.com/products/0072224053/0072224053_ch01.pdf)

J2EE: The Complete Reference:

[http://www.osborne.com/products/007222472X/007222472X\\_ch01.pdf](http://www.osborne.com/products/007222472X/007222472X_ch01.pdf)

SQL: The Complete Reference, Second Edition:

[http://www.osborne.com/products/0072225599/0072225599\\_ch01.pdf](http://www.osborne.com/products/0072225599/0072225599_ch01.pdf)

\*\*\*\*\*

All Microsoft Press Books - many have free chapters:

<http://www.netscum.dk/mspress/findabook/list/title.asp>

Free chapters from books about Computer and Network Security:

<http://www.netscum.dk/mspress/security/>

Free chapters from books about Web and Internet Administration:

<http://www.netscum.dk/mspress/internet/admin/>

Free chapters from books about Web Programming:

<http://www.netscum.dk/mspress/internet/programming/>

Network Hardware Chapter from the Network+ Certification Training Kit:

<http://www.netscum.dk/mspress/books/sampchap/5102.asp#SampleChapter>

Free chapters from MS Office XP books:

<http://www.netscum.dk/mspress/office/officexp/allbooks/default.asp>

=====  
=====

#### **4) University Computer Science Course Sites**

Free to Browse and Study:

These web sites will be added to our Free University IT Course Webs page at

<http://www.intelinfo.com/cat3.html>

Network Systems Architecture 3:

<http://web.archive.org/web/20011117110651/www.dcs.gla.ac.uk/~lewis/nsa3.html>

Course presentation containing 56 excellent slides and two tutorials with solutions are available. Use this url if above url is too long: <http://tinyurl.com/1nr1>

\*\*\*\*\*

Network Communications Technology 4:

<http://web.archive.org/web/20010603092050/http://www.dcs.gla.ac.uk/~lewis/nct4.html>

Course presentation containing 48 excellent slides and exam questions with solutions are available. Use this url if above url is too long: <http://tinyurl.com/1nr2>

\*\*\*\*\*

CSC 330: Programming Languages:

<http://malun1.mala.bc.ca:8080/~wesselsd/csc330/index.html>

The lecture notes discuss the following and more: History of programming languages, Techniques for describing syntax and semantics, Scope and binding, Data types, Expressions, Control (selection and iteration), Subprograms, Polymorphic subprograms, and run-time stacks.

\*\*\*\*\*

CSC 375 Systems Analysis:

<http://malun1.mala.bc.ca:8080/~wesselsd/csc375/index.html>

This course gives good lecture notes helping you understand the following: Project management; Cost-benefit analysis; Managing people, Metrics, planning, and estimation; Risk management; Requirements and analysis overview, Gathering requirements, Process modeling, Data modeling, Sequence modeling, Design overview, Architectural design, Interface design, and Data design.

\*\*\*\*\*

CSCI 160: Computing Science I:

<http://malun1.mala.bc.ca:8080/~wesselsd/csci160/index.html>

This course provides an introduction to a number of practical tools and techniques, including:

- Basic computer architecture and network operation.
- Programming languages, using C++ as the main example.
- Operating systems, using Unix as the main example.
- Techniques to methodically analyze problems and design solutions.
- Techniques to produce effective software based on the design solutions.

\*\*\*\*\*

CSCI 161 Computing Science II:

<http://malun1.mala.bc.ca:8080/~wesselsd/csci161/index.html>

A basic mastery of the C++ programming language is needed as this course covers approaches to solve practical programming problems. It focuses on the concepts of abstract data types (ADTs) and the support for them offered through C++ classes. In particular, it discusses the linked list, queue, stack, and tree ADTs.

\*\*\*\*\*

Object-Oriented Application Programming in C++:

<http://www.csse.monash.edu.au/courseware/cse3400/index.htm>

This course has good lecture notes on how to program in C++, along with Samples and Solutions to Tutorial Exercises. Here are chapters from books used in this course:

Abstract Container Types from C++ Primer (94 pages):

<http://www.awprofessional.com/content/images/0201824701/samplechapter/chap6.pdf>.

Modularity from Object-Oriented Software Construction:

<http://vig.prenhall.com/samplechapter/0136291554.pdf>

A Tour of C++ from The C++ Programming Language (24 pages):

<http://www.awprofessional.com/content/images/0201889544/samplechapter/Chapter2.pdf>

Exception Handling: A False Sense Of Security by Tom Cargill:  
[http://www.awprofessional.com/.../supplements/Exception\\_Handling\\_Article.html](http://www.awprofessional.com/.../supplements/Exception_Handling_Article.html)

\*\*\*\*\*

COMP272 Object Oriented Programming and Design:  
<http://www.math.luc.edu/~van/cs272/>

The is course uses Microsoft Development Studio and aims to teach you how to:

- Understand how to program using object oriented techniques.
- Program in C++.
- Develop a medium sized windows application.

\*\*\*\*\*

CSci402: Operating Systems:  
<http://www.isi.edu/~faber/cs402/notes/>

This course has 24 excellent beginner operating system lecture notes covering Operating Systems Basics and Structure, Processes & Threads, Synchronization, Deadlock Recovery, Avoidance and Prevention, Memory Management, Memory Allocation and Virtual Memory, Segmentation, Caching, File Systems, Directories, Security, Authentication, The I/O Subsystem, Device Driver Specifics, and Networking.

=====  
=====

**5) The Best Suggested Sites from our Website Users** - Every month we feature the best suggested IT training and tutorial sites from our website visitors. Here are this month's sites:

Srinivasa Sivakumar's Resource Site:  
<http://www3.brinkster.com/webguru/>

500 Free Computer and IT Book Chapters:  
<http://www3.brinkster.com/webguru/Sample.Asp>

400 Computer and IT Book Articles:  
<http://www3.brinkster.com/webguru/Articles.Asp?CatID=1>

\*\*\*\*\*

The Definitive Guide to Exchange 2000 Design and Deployment:  
[http://www.aelita.com/Reg/Marketing/Ebook/Exchange\\_Book/exch\\_welcome.htm](http://www.aelita.com/Reg/Marketing/Ebook/Exchange_Book/exch_welcome.htm)

This is the latest eBook from Realtimepublishers, written by industry expert Evan Morris. This eBook will look provide IT managers and administrators with real-world examples and hands-on techniques for planning for and administering Exchange 2000. Chapters will be posted as they are written. (free registration required)

\*\*\*\*\*

Free Learning:  
<http://www.cics.cjb.net/>

A+ study material covering Modems, Printers, Communications, and Networking tutorials.

\*\*\*\*\*

pntmart.com:  
<http://www.pntmart.com/faq/2002/download-tutorial/>

Tutorials, guides, manuals and books covering Networking, Programming, Database, Unix/Linux, Windows. Some of the links do not work.

\*\*\*\*\*

Free Java Certification (SCJP) Mock Exams:  
<http://www.certification4career.com/sun/java/programmer/mockexams.html>

An informative site with 130+ SCJP practice questions, studyguide, discussion board, and related links to prepare for java certification

\*\*\*\*\*

Computer Talk streams on the Internet:  
<http://www.compbeat.com/othershows.htm>

Computer Talk Shows in Real, MS and MP3 formats. This is a great gateway site.

=====  
=====

## 6) New Computer & IT Training & Tutorial Link & Resource Sites:

These web sites will be added to our IT Links and Resources page at  
<http://www.intelinfo.com/cat6.html>

TutorGig.com - The Tutorial Website:  
<http://www.tutorgig.com/index.html>

A good link and resource site for all types of free computer related tutorials.

\*\*\*\*\*

Internet Learning Resources:  
<http://www.kabira.com/education/Services/Resources/ResourcesMain.htm>

95 learning web sites for various IT technologies.

\*\*\*\*\*

Software Engineering Resources:  
<http://www.rspa.com/spi/index.html>

Over 800 software engineering resources to help you gather information on a variety of software engineering topics. Both print and electronic resources are considered.

\*\*\*\*\*

Cryptography and Security:  
<http://theory.lcs.mit.edu/~rivest/crypto-security.html>

This page contains pointers to web sites dealing with cryptography and security, including university sites and courses, algorithms, protocols, software, number theory links.

=====  
=====

## 7) New Desktop and Office Application Training Sites:

These web sites will be added to of Free Office and Desktop Training page at <http://www.intelinfo.com/office.html> . Also, check out our expanded MS Office 2000 Free Training page here: [http://www.intelinfo.com/office\\_2000.html](http://www.intelinfo.com/office_2000.html)

Tutorials and Courses:

<http://www.uscg.mil/hq/tcpet/irc/courses.htm>

These are books to MS Office applications that are surprisingly good. Each book can be used as a Tutorial, Course, or for a quick on-the-job help aid.

\*\*\*\*\*

Word Tutorial:

<http://www.todayskills.com/mswordtutor/msword.htm>

Excel Tutorial:

<http://www.todayskills.com/msexceltutor/msexcel.htm>

Access Tutorial:

<http://www.todayskills.com/msaccess tutor/msaccess.htm>

\*\*\*\*\*

On-Line Practice Modules:

<http://www.internet4classrooms.com/on-line.htm>

Tutorials about how to use software applications commonly used in K-12 classrooms, also links to other tutorials on the web.

\*\*\*\*\*

Planet Discovery Tutorials:

<http://www.paec.org/planetdiscovery/land.htm#tutorials>

Excellent Office, Windows and Macintosh tutorials and workshops in pdf format.

\*\*\*\*\*

Tutorials:

<http://wdmesc.wmsc.k12.ar.us/Technology/tutorials.htm>

MS Office Tutorials in pdf format. These were converted from PowerPoint.

\*\*\*\*\*

Linda's Office Sampler:

<http://www.personal-computer-tutor.com/OfficeSampler.exe>

Tutorials on each of the Office 2000 programs.

\*\*\*\*\*

Technology Tutorials found on the Web:

<http://www.internet4classrooms.com/on-line2.htm>

Links to tutorials for MS Office and a lot of other software.

=====  
=====



## 8) I.T. Sites Worth Mentioning:

O'Reilly Conferences:

<http://conferences.oreilly.com/>

O'Reilly Open Source Convention Coverage:

<http://www.oreillynet.com/oscon2002/>

O'Reilly has posted coverage of this year's Open Source Convention

O'Reilly Open Source Convention Coverage (2001):

<http://www.oreillynet.com/oscon2001/>

Articles, interviews, and audio and video coverage of select talks from last year's convention.

O'Reilly Emerging Technology Conference - Presentation Files:

<http://conferences.oreillynet.com/pub/w/18/presentations.html>

Download the presentation files from the O'Reilly Emerging Technology Conference.

Coverage from O'Reilly's Peer-to-Peer and Web Services Conference:

[http://www.openp2p.com/pub/a/p2p/conference/dc\\_con.html](http://www.openp2p.com/pub/a/p2p/conference/dc_con.html)

Includes articles and talks by speakers. Here are the presentation files:

<http://conferences.oreillynet.com/cs/p2pweb2001/pub/w/16/presentations.html>

\*\*\*\*\*

Best Free Software Sites on the Web:

<http://www.startingpage.com/html/downloads.html>

A quick reference guide to the best free software download sites on the web.

\*\*\*\*\*

Tinyurl.com:

<http://tinyurl.com>

TinyURL offers a free redirection service which gives you a short url instead of using a very long one. I've used it for some long URLs in this issue.

\*\*\*\*\*

Icons to Burn:

<http://iconlibrary.com/>

Now you can select the perfect icon rather than accept a compromise choice from the limited set offered by Windows. Here's a free collection of over 5000 quality icons, sorted into categories and downloadable in a single zip file.

=====  
=====

## 9) Frequently Asked Questions about Technical Training:

Each month Scott Turton will answer one of the frequently asked questions we receive about computer and IT training and career development.

October 2002 FAQ:

Answer: How can I find the free computer and IT materials that I am looking for?

I have added a 'How To Search' section to our free computer and IT books page one at [http://www.intelinfo.com/free\\_computer\\_books.html#search](http://www.intelinfo.com/free_computer_books.html#search). These instructions will

help you search for computer and IT books, especially those that are freely available on the web. Please let me know if this helps you, and if you need more assistance with finding what you need. I will try to lend a hand.

I hope this information helps you.

Scott Turton  
Computer Education, Training & Tutorial Resources  
<http://www.intelinfo.com>

=====  
=====

## 10) Please Support Our Training Mission

<http://www.intelinfo.com/support.html>

How You Can Support Our IT Training Mission

Please help support Intelinfo.com's Computer and IT Education and Training Mission by visiting our sponsors below. By doing so, you will be helping people who want to learn to use computers in an Information Technology career.

\*\*\*\*\*

University of Phoenix Online: Advance your career:  
<http://pontly.com/clk/aftauserafthepausulde>

DeVry: Online degrees for working adults...  
<http://iashel.com/clk/guntuanglangan>

ITT Technical Institute: Choose from their many programs:  
<http://ipodra.com/clk/kaitanyunnuodiao>

The Chubb Institute: Get IT training to succeed in 5 months!  
<http://burah.com/clk/zhaoduanqiegenyo>

\*\*\*\*\*

Search for IT Training:  
<http://tinyurl.com/1nvg>

Computer Colleges:  
<http://tinyurl.com/1nvm>

\*\*\*\*\*

American College of Computer & Information Sciences:  
Get the degree you need to advance your career...online at your convenience  
<http://wesac.com/clk/solfglurmtataftatz>

\*\*\*\*\*

Saint Leo University Online:  
Accelerated Online Degree Programs: Business and Accounting, Computer Information, Criminal Justice, Liberal Arts.  
<http://gartum.com/clk/yadenibonkiryudaibon>

\*\*\*\*\*

University Alliance Schools:  
Accelerated degrees and flexible online courses with streaming video lectures

<http://elilip.com/clk/tuonongzangtuzhuai>

\*\*\*\*\*

American InterContinental University Online:

<http://didtal.com/clk/baizhuanliumei>

Regis University Online (MBA Programs):

<http://ilatpa.com/clk/ersolfmermanabung>

Jacksonville University Online (RN to BSN Programs):

<http://ivibra.com/clk/niuxietudangshai>

\*\*\*\*\*

Animated Tour of Sessions.edu:

<http://www.intelinfo.com/links/sessions.html>

\*\*\*\*\*

Online Courses - eLearners.com:

<http://www.intelinfo.com/links/elearners.html>

eLearners.com is your key to online distance learning courses, degrees. Search 27,000+ online & distance learning courses, degrees, training programs and colleges.

=====  
=====

### **Computer Education, Training, & Tutorial Resources**

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

Free I.T. Training Now!

A free and member-based I.T. educational and training portal web site. We have compiled, categorized, described, and linked many, many sites that will be of keen interest to computer science students and instructors and others seeking free training and knowledge about computers. All areas are covered, from programming to systems administration to networking to the internet. You are able to study and learn all about computers and I.T. via Free training, courses, tutorials, books, guides, documentation, articles, tips, notes, and help. Check us out today.

Copyright Notice: Please note that all of the items hyperlinked are copyrighted by their authors and/or publishers. You are expected to look for, read, and adhere to such notices. Downloaded and online material is copyrighted whether or not a copyright notice is present.

=====

**\*\*\* Intelinfo.com's Member Site \*\*\***

<http://www.intelinfo.com/sign-up/index.html>

Our Members' Site contains the web's best computer and IT training resources and tutorials. This content is individually linked and presented in a way to expedite and facilitate your IT learning experience. We have done all the web research and presentation work for you so you can concentrate solely on your computer training.

Intelinfo.com Member Site FAQ:

1. Over half of the web sites and pages in our members site are not in the free section of our web site. The online training resources in our members' site are linked and laid out in a much more detailed fashion than those in the free section. This will save you time in

finding all the best free training on the web.

2. If you use a credit card when joining, it will be billed by Verotel. When your membership period expires, you will be asked if you want to renew your membership, you will not be automatically charged another fee on your credit card or check.

3. You can also use PayPal to sign-up as a member of Intelinfo.com, just use this link: <[http://www.intelinfo.com/links/become\\_a\\_member.html](http://www.intelinfo.com/links/become_a_member.html)>. If you register to pay \$10.00 via PayPal using this method, simply tell us in the 'Special Instructions' what you want for your user name and password.

4. If your country is not listed in the drop-down list, please use 2checkout.com to register as an intelinfo.com site member using this link: <[http://www.intelinfo.com/links/intelinfo\\_member.html](http://www.intelinfo.com/links/intelinfo_member.html)>. I will then send you an email asking what you would like to use for your user name and password.

The total price to join our member's site is only \$10 total for 2 months. The funds generated will assist us to help all those seeking IT education and application development training. Here's the link to see what's available on our member's site and to sign up: <<http://www.intelinfo.com/sign-up/index.html>>. You can email Scott Turton with questions.

=====  
=====

To Subscribe to this Free monthly Newsletter of Computer Education, Training, & Tutorial Resources simply send a blank email to this address:

[intelinfo-news@freeautobot.com](mailto:intelinfo-news@freeautobot.com)

(you will need to confirm)

Or go to this web page:

[http://www.intelinfo.com/newsletr\\_sub\\_unsub.html](http://www.intelinfo.com/newsletr_sub_unsub.html)

To Unsubscribe from this Free monthly Newsletter of Computer Education, Training, & Tutorial Resources simply send a blank email to this address:

[intelinfo-request@freelists.org?subject=Unsubscribe](mailto:intelinfo-request@freelists.org?subject=Unsubscribe)

(no need to confirm)

Or go to this web page:

[http://www.intelinfo.com/newsletr\\_sub\\_unsub.html](http://www.intelinfo.com/newsletr_sub_unsub.html)

---

Thank You!

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

*If you find any broken links, please notify webmaster at [scott\\_turton@intelinfo.com](mailto:scott_turton@intelinfo.com)*



[Return to Top](#)



[Back to previous page](#)

## Please Suggest a Computer Education, Training, or Tutorial Web Site Link for this Site

If you know a good Computer Education, Training, or Tutorial web site that is not on this page please fill this form out with the address of the web site and we will post it. This will help everyone who is seeking to learn more about computers.

Please enter the name of the site, its address, and a short description of its contents. Thank you.

Name of Web Site:

Address of Web Site:

Short Description:

After clicking the Submit Computer Education Web Site button, please click your browser's back button to return to this page.

[Please Help Support our Computer Education & Training Web Site](#)

Please email questions or comments to Webmaster: [scott\\_turton@intelinfo.com](mailto:scott_turton@intelinfo.com)

All pages on this web site are Copyright 2001-2002 by Scott Turton

**This page was last updated on: undefined**



[Earn revenue from your site with WebSponsors.net](#)

50,000 visitors to your site:  
----- \$ 50,- -----

**CashPO**  
Fill your mailbox with **MONEY**

**BANNERS99MLM.com** ...And It's All FREE! | Join today FREE for a **\$15** Signing Bonus! | [CLICK HERE NOW!!](#)