

Be sure to check out our [Blogs](#) and discover all the new Free Training!



Newsletter for Computer IT Education, Training & Tutorial Resources

***** ISSUE #65 - March 2007 *****

[Intelligentedu.com](http://www.intelligentedu.com)

formerly www.intelinfo.com

Please Update Your Bookmarks & Web Links!

This Newsletter is only sent to its subscribers
and is available on the web at
<http://www.intelligentedu.com/newsletter65.html>

Newsletter Archives are here:
<http://www.intelligentedu.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!

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1) Editor's Greeting:

Hello everyone, and welcome to our new subscribers!

This is the March 2007 issue (#65) of our free monthly newsletter for Computer IT Education, Training, & Tutorial Resources providing you with 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 [Intelligentedu.com](#) costs \$15 for two months, for more information please see [Become a Member of Intelligentedu.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 59 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.

*****Current News *****

Please take a look at our [Blogs](#), We post on a daily basis to these blogs all **New Free Training and Tutorial Resources**, as we discover and evaluate them, here are the links:

[Best New Free Technical Computer and Development Training Sites](#)

[Free Computer, Technical, and IT Books](#)

[Our 3 Blogs for EducationOnlineForComputers.com](#)

- [Web Development](#) - [Adobe & Macromedia](#) - [Microsoft Office Applications](#)

To get your Free Computer Training updates via RSS, please cut and paste this urls into your RSS reader:

<http://www.intelligentedu.com/blogs/feed/>

Please Visit Our New [Free Training & Tutorial Search Engine](#) - this new website at www.EdComp.com is a search engine with a large database of over 150,000 free IT education and training web resources, with another 70,000 free resources reserved exclusively for paid members. If you're an Intelligentedu.com Member, go to members.Edcomp.com to access the special members' page for searching over 220,000 free training web resources.

All of the links for these 220,000 free web resources have been validated, so you should not get any broken ones. We are also caching all previous results pages to help you find all the free training content and materials you need and are looking for. So check out our new free IT training search engine now, and if you'd like to, please provide me your feedback. Again, the url is: <http://www.edcomp.com/>. Thank you.

For your convenience, this newsletter is also available to subscribers in HTML format at this special url: http://www.intelligentedu.com/current_news.html

I wish you the best with your computer studies and learning.

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

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

*** [Become a Member of Intelligentedu.com](http://www.intelligentedu.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 short FAQ Answers, please see the end of this newsletter.

The total price to join as a member is only \$15.00 total for 2 months, \$25 for 4 months, \$34 for 6 months, or \$59 for a whole year. 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.intelligentedu.com/sign-up/index.html>.

EdComp.com:
<http://www.edcomp.com/>

This is our new free computer and IT education and training search engine housing over 220,000 free training internet resources! Just type in a topic you're looking for and get tons of great web resources instantly. These search results are much better than the big search engines, like google. You can also check out our predefined search results page giving you tons of free training resources:
<http://www.edcomp.com/predefined.htm>.

EducationOnlineForComputers.com:
<http://www.educationonlineforcomputers.com>

Our new software application and office training and tutorial site, EducationOnlineForComputers.com, is now up and running. We give you Free access to hundreds of Free Training and Tutorials covering Microsoft Office, Flash, Photoshop, Dreamweaver and FrontPage. We also provide you a member site for the best available online software application training. You can sign up for the Free Newsletter here:
http://www.educationonlineforcomputers.com/optin_newsletter.html

-> Here are Your 3 Rewards for Subscribing to this Newsletter <-

*** Free Online IT Training Materials for Subscribers ***

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

http://www.intelligentedu.com/free_it_training_materials_and_books.html

*** Free Online Computer Training and Tutorial Resources ***

Containing over 8,000 free IT training and tutorial resources, this section of our site is available only to our newsletter subscribers and web site members:

http://www.intelligentedu.com/newly_researched_free_training.html

*** 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:

http://www.intelligentedu.com/Understanding_Computer_Security.zip (553 kb).

When unzipped it is a windows executable.

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 Intelligentedu.com/cat1.html, our Free IT Tutorials and Guides page at Intelligentedu.com/cat2.html, or to our [members' site](#).

EdComp.com:

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

This is our new Free computer and IT education, training and tutorial search engine housing over 150,000 free training internet resources! Just type in a topic you're looking for and get tons of great web resources instantly. We believe these results are better than the big search engines, like google.

You can start searching right now using this form:

Here are a few search results to get you started:

Web Development:

<http://www.edcomp.com/results/web+programming.html>

<http://www.edcomp.com/results/web+development+tutorial.html>

<http://www.edcomp.com/results/web+tutorial.html>

<http://www.edcomp.com/results/css.html>

Java Learning Resources:

<http://www.edcomp.com/results/java+tutorial.html>

<http://www.edcomp.com/results/java+2.html>

<http://www.edcomp.com/results/java+servlets.html>

<http://www.edcomp.com/results/j2ee+tutorial.html>

Linux Tutorials:

<http://www.edcomp.com/results/linux.html>

<http://www.edcomp.com/results/linux+tutorials.html>

<http://www.edcomp.com/results/linux+programming.html>

<http://www.edcomp.com/results/linux+.html>

XML Tutorials:

<http://www.edcomp.com/results/xml.html>

<http://www.edcomp.com/results/xml+tutorials.html>

<http://www.edcomp.com/results/xslt.html>

<http://www.edcomp.com/results/xsl+tutorial.html>

<http://www.edcomp.com/results/xpath.html>

C++ Tutorials:

<http://www.edcomp.com/results/c++-tutorials.html>

<http://www.edcomp.com/results/c++.html>

<http://www.edcomp.com/results/c++-programming.html>

A+ Tutorials and free practice questions:

<http://www.edcomp.com/results/a+.html>

<http://www.edcomp.com/results/comptia+a+.html>

<http://www.edcomp.com/results/comptia+a+-study+guides.html>

<http://www.edcomp.com/results/a+-tutorials.html>

iNet+ Tutorials:

<http://www.edcomp.com/results/inet+.html>

<http://www.edcomp.com/results/i-net+.html>

Network+ Tutorials:

<http://www.edcomp.com/results/network+.html>

MCSE preparation:

<http://www.edcomp.com/results/mcse.html>

<http://www.edcomp.com/results/70-290.html>

<http://www.edcomp.com/results/70-291.html>

<http://www.edcomp.com/results/70-293.html>

<http://www.edcomp.com/results/70-294.html>

<http://www.edcomp.com/results/70-296.html>

<http://www.edcomp.com/results/70-297.html>

.Net:

<http://www.edcomp.com/results/dotnet.html>

<http://www.edcomp.com/results/dot-net.html>

<http://www.edcomp.com/results/dotnet+tutorials.html>

C#:

<http://www.edcomp.com/results/c#.html>

<http://www.edcomp.com/results/csharp.html>

<http://www.edcomp.com/results/c#+tutorial.html>

<http://www.edcomp.com/results/csharp+tutorial.html>

Windows 2003:

<http://www.edcomp.com/results/windows+2003.html>

<http://www.edcomp.com/results/windows+server+2003.html>

Intelligentedu.com paid Member-only search with 70,000 more free resources:

<http://members.edcomp.com/index.aspx>

If you forgot your password please go here to retrieve it:

<http://www.intelligentedu.com/amember/member.php>

[TrainingByEmail](#)

Visit [TrainingByEmail](#) to receive **Free Training for C#, ASP.Net, SQL, Word, Excel, and Outlook**, via your email every week! We will send out a new training in the topic of your choosing every week. You can then save this, print it out, or delete it all at your convenience. And you can't beat the price, FREE!

[Intelligentedu Online Library of Training Courses](#)

This is another one of our new Free training and tutorial sites, providing over 450 free online IT tutorials. Tutorials range from entry level training on using word processors through to advanced techniques in programming, web development, database design, and network routing. In-depth courses are also available at low cost.

[3 Python Tutorials and a Style Guide](#)

Python is a great programming language to learn if you are new to programming and application development. Python is relatively easy to understand and learn, and it gives you, the programmer, advanced features that are easy to use. The Python programming language offers clear syntax, which help you start developing real world and practical modules and objects.

Here are three excellent **Python Tutorials** for beginners and non-programmers to get started with programming using Python. The first two are written by [Brian Wisti](#), and the third is written by Guido van Rossum of the Python Software Foundation. These tutorials will give you the necessary knowledge and understanding to start writing programs with Python and also where to find further information about Python. Also included here is the Python Style Guide by Guido van Rossum.

[Tutorial 1: Python Babysteps Tutorial](#)

[Tutorial 2: Simple Types in Python](#)

[Tutorial 3: Introduction Python Tutorial](#)

[Python Style Guide](#)

[PHP Slide Presentations](#)

The PHP Presentation System at php.net hosts many [PHP Slide Presentations](#). Here are all of their available presentations, listed by PHP category, which are provided by this site:

Component Libraries (14)	Databases (9)	Debugging (16)
Extensions (11)	Internals (16)	LAMP (1)
Localization and Internationalization (17)	PEAR (2)	PECL (1)
PHP (104)	PHP 5 (13)	PHP-GTK (4)
Performance (16)	Presentation System (1)	SRM (4)
Scripting Languages (2)	Security (15)	Web Services (16)
XML (7)		

[Top 16 Programming Diggs for Previous 30 Days](#)

Here are what I judge to be the Top 16 Programming Diggs for the previous 30

days, from digg.com. These cover lots of topics, including Ajax, CSS, Javascript, HTML and browsers, programming theorems, Java and Linux, tableless forms, technical ebooks, computer science books, web design, Ferret with Ruby on Rails, error messages, and C programming. Here they are:

- [**Tutorial: AJAX Made Easy**](#) [44 comments](#)
- [**The \(only\) Ten Things to Know About CSS**](#) [90 comments](#)
- [**CSS+Javascript power. Fancy menu**](#) [63 comments](#)
- [**74 CSS Galleries ranked ...**](#) [25 comments](#)
- [**Why HTML renders differently in different browsers**](#) [69 comments](#)
- [**3d graphics in JavaScript**](#) [65 comments](#)
- [**Programming Theorems**](#) [41 comments](#)
- [**Desktop Java and Desktop Linux: A Match Made in Heaven?**](#) [79 comments](#)
- [**New startup Scribd "YouTube for documents" - Tons of free ebooks already**](#) [68 comments](#)
- [**Tableless forms**](#) [94 comments](#)
- [**Classic Texts in Computer Science**](#) [27 comments](#)
- [**Community Driven Open Source Web Design**](#) [41 comments](#)
- [**Acts As Ferret Tutorial with Ruby on Rails**](#) [19 comments](#)
- [**Are you a Programmer or a Coder?**](#) [140 comments](#)
- [**The importance of checking your error messages**](#) [37 comments](#)
- [**C Is The New Assembly**](#) [83 comments](#)

[18 CompTIA Practice Exams](#)

Here are [18 CompTIA Certification Study Practice Exams](#), along with answers with their explanations. These cover most the the CompTIA certification exams, including A+ Hardware, A+ Core Technologies, A+ Operating System, , Network+, Server+, i-Net+, Security+, IT Project+, Linux+, E-Biz+, System Infrastructure and Integration, and more.

[32 Cisco Certification Practice Exams](#)

Here are [32 Cisco Certification Practice Exams](#). These Cisco certification practice exams are detailed with explained answers. These cert study tests cover the following Cisco technologies and exams: CCIE, CID, MCNS, CCNP, CCNA, DESGN, BSCI, QOS, CME, Network Management, Voice of Data, CPIT, CSVPN, CSIDS, and wireless LAN.

[CCNA Tutorials and Practice Exams](#)

Here are some great Cisco CCNA Certification [Tutorials, Practice Tests, and Study Guides](#) from [Attackprevention.com](#). Study these to increase your Cisco knowledge for passing Cisco's CCNA certification exam. The aim of this certification is to validate a solid foundation of networking skills, including a basic knowledge of the OSI reference model, networking protocols, Layer 2 switching

concepts and protocols, routing concepts and protocols, and wide-area networking (WAN) connectivity.

- [CCNA Certification-More Than a Piece of Paper](#)
The Cisco Certified Network Associate (CCNA) certification is the first Cisco certification most candidates aspire to and obtain. This document gives a good overview of what you need to know and understand to pass the CCNA certification exam.
- [Tackling the CCNA Exam](#)
This document helps you decide which CCNA study guides and software are available and provides tips on how to successfully pass the CCNA exam the very first time.
- [The CCNA in Two-Part Harmony](#)
Cisco will give you two CCNA exams to take and pass, this article goes over and details the first exam.
- [Hardware and the OSI Model for the CCNA Exam](#)
Get ready for your CCNA exam by learning about networking hardware and techniques.
- [CCNA Self-Study: Network Media \(The Physical Layer\)](#)
This self-study tutorial teaches you about what you should understand and calculate for your environment's required throughput, cabling distance, noise resistance, security, flexibility and future growth. You will learn how to set up and install the assembling and cabling for Cisco routers.
- [CCNA Self-Study \(ICND Exam\): Extending Switched Networks with Virtual LANs](#)
How VLANs work and give your organization a better operating network by controlling you network broadcasts.
- [Cisco Certified Network Associate CCNA Exam Guide](#)
This is an excellent CCNA study guide from ExamGuides.com
- [CCNA Practice Questions: Basic IOS Configuration and Basic Serial WAN Connectivity](#)
Here are 50 questions, along with explained answers, taken from the from the "Basic IOS Configuration and Basic Serial WAN Connectivity" objective

of the CCNA exam.

- [CertSavvy.com's CCNA Practice Test 1](#)
32 free Cisco CCNA Practice Questions with answers explained.
 - [PassItNow.com's CCNA Practice Test 1](#)
15 free CCNA exam questions with answers.
 - [PassItNow.com's CCNA Practice Test 2](#)
15 free CCNA exam questions with answers.
 - [PassItNow.com's CCNA Practice Test 3](#)
15 free CCNA exam questions with answers.
 - [PassItNow.com's CCNA Practice Test 4](#)
15 free CCNA exam questions with answers.
 - [PassItNow.com's CCNA Practice Test 5](#)
15 free CCNA exam questions with answers.
 - [PassItNow.com's CCNA Practice Test 6](#)
15 free CCNA exam questions with answers.
 - [PassItNow.com's CCNA Practice Test 7](#)
15 free CCNA exam questions with answers.
 - [Cisco CCNA Exam #640-507: Routing and Switching](#)
 - [Cisco CCNA Exam #640-801 \(Cisco Press, set 1\)](#)
Here are 10 questions with answers for the Cisco CCNA certification test.
 - [Cisco CCNA Exam #640-801 \(Transcender, set 1\)](#)
Here are 10 more questions with answers for the Cisco CCNA certification test.
-

[Various Certification Practice Exams](#)

Here are [Various Certification Practice Exams](#) for 9 I.T. and vendor certifications. These certification practice exams include answers that are explained. They cover the following certification exams or areas: Web Sphere, IBM iSeries, DB/2, LPI (Linux Professional Institute), VPN, Checkpoint, Domino, CIW (webmaster), Citrix, HP, wireless networking, and Red Hat

[Oracle and Novell Certification Practice Exams](#)

Here are lots of [Oracle and Novell Certification Practice Exams](#). These certification practice exams include answers that are explained in context. The Novell certification practice tests cover Networking, Netware 5.1 administration, Netware 6 administration, Service and Support, eDirectory Design and Implementation, and ZENworks for Desktops. The Oracle certification practice tests cover: Oracle 9i Database, Oracle 9i Performance Tuning, Oracle Forms, Oracle 9i Forms Developer, Oracle9i PL/SQL, Oracle 9iAS, and Oracle Java Certified Programmer.

[SAP BAPI Learning Resources](#)

If you need to learn more about BAPI (Business Application Programming Interface), then please read and use the [SAP BAPI Learning Guide](#) presented here. BAPI is a set of interfaces to object-oriented programming methods that help developers integrate 3rd party applications into SAP's R/3 software. To initiate and perform tasks such as uploading transactional data, BAPIs are implemented and stored in the R/3 system as remote function call (RFC) modules. The following BAPI tutorials and learning documents will describe what a BAPI is, how it is used, and where it fits into an integrated software environment. Examples, tips, tools, and expert advice are also included here to further your understanding on using BAPIs.

[182 XHTML Tutorials and FAQs](#)

Here are some great [XHTML Tutorials and FAQs](#) that will help you develop a compelling, user friendly, and functional web site. These pages also provide example XHTML code, and XHTML tutorial exercises. These will hopefully improve your XHTML abilities and skillset, and help you learn some neat XHTML web development techniques.

[42 Microsoft Certification Practice Exams](#)

Here are [42 Microsoft Certification Practice Exams with Answers](#) covering most of Microsoft's Certifications. These cover both the MSCE and MSCD certification tracks, meaning both Windows engineering and Windows software development. Both Windows 2000 and Windows 2003 certification tests are available here.

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

Some of these web resources will be added to our Free IT Books page at Intelligentedu.com/free_computer_books.html and some will be added to our [members site](#).

[Over 100 I.T. and Programming Ebooks](#)

Here are over [100 I.T. and Programming Ebooks](#). The areas covered include Cisco, Linux, Linux Programming, Microsoft, SQL Server, FreeBSD, TCP/IP, Oracle PL-SQL, Perl Scripting, Java Programming, UML, WML, XML, Python, C#, Flash MX, and Unix. The links on this site go to braindumps.narod.ru/ebooks/. This site is mainly in Russian, but the ebooks are in English.

[Over 100 Computer and Programming Ebooks](#)

Here is a nice repository of over 100 [computer and programming ebooks](#) covering several areas, including Apache, Java, Javascript, Linux, Perl, PHP, PHP and MySQL, Samba, Security, Shell scripting, SQL, and Web design.

- [Apache](#) (3 ebooks)
- [CGI](#) (1 File)
- [Java](#) (6 ebooks)
- [Javascript](#) (6 ebooks)
- [Linux](#) (15 ebooks)
- [Perl](#) (12 ebooks)
- [PHP](#) (9 ebooks)
- [PHP and MySQL](#) (18 ebooks)
- [SAMBA](#) (2 ebooks)
- [Security](#) (6 ebooks)
- [Shell](#) (5 ebooks)

- [SQL](#) (11 ebooks)
- [Web Design and Graphics](#) (19 ebooks)

[Programming and IT Books from digipromo.com](#)

Here are some [Programming and I.T. Ebooks](#) for these topics: C++, Visual C++, Delphi, Extreme Programming, Java, Linux and Unix, DirectX, Zope, Oracle, SQL, and XML. Most of these ebooks are in pdf format, and some are in zip, exe, and doc formats.

[C++](#)

Learn Visual C++ 6
Programming Using OpenGL in Visual C++
C++ In 21 Days Second Edition
Linux C++ Programming How To
Programming Microsoft Visual C++
Database Programming with Visual C++ in 21 Days

[Delphi](#)

Mastering Delphi6
Mastering Delphi Graphics
Borland Delphi 4 in 21 Days
Delphi - Database application developers book

[Extreme Programming](#)

Extreme Programming Explored
Extreme Programming

[Java](#)

JSP Tutorial
Designing Enterprise Applications with Java 2EE
Java Database Programming with JDBC
Java Books
Java 2 In 21 Days
The Java API For XML Parsing Tutorial

[Linux and Unix](#)

Linux Programming

Shell Programming in 24 Hours

Unix eBook

[Misc](#)

DirectX 7 in 24 Hours

Zope Book

[Oracle](#)

Oracle DBA Survival Guide

Oracle 8 - Database Installation for Linux

Oracle 8i The Complete Reference

Troytech 1Z0-016 Oracle 8 Network Administration

[SQL](#)

SQL in 21 Days

[XML](#)

Programming - XML By Example

XML Application Developer's Guide

XML Programming in Java

[40 Programming Ebooks](#)

Programming Designs hosts about 40 Programming Ebooks for download, as listed below. These will give you knowledge and understanding of many programming languages, including C++, Java, Python, Perl, JavaScript, XML, Bash, Flash, and Visual Basic .NET. These ebooks are in zip, pdf, doc, chm, and rar formats.

- A Byte Of Python
- Dive Into Python
- Non-Programmers Tutorial For Python
- Python in a NS
- Advanced Python Programming
- Perl Cookbook 2nd Ed

- Practical Mod Perl
- Learning Perl
- Learning Perl
- Perl in a NS
- Perl in 21 Days
- Beginners Guide to CGI in Perl
- Learning The Bash Shell
- Bash Beginners Guide
- Using Flash
- Advanced Bash Scripting Guide
- Using Components In Flash
- Flash And XML A Developers Guide
- Java Extreme Programming
- PHP MySQL & Apache In 24 Hours
- Secure PHP Development
- PHP and MySQL
- Advanced PHP For Web Professionals
- Making Use of PHP
- C++ Network Programming
- C++ Unleashed
- C++ Programming
- Introduction to Visual Basic.NET
- VB Script In a NS
- VB Dot NET Language 2nd Ed
- Visual Basic 6 in 21 Days
- Learn VB 6
- Thinking in C++
- C++ in 21 Days
- Object Oriented Perl
- Thinking In C++ 2nd Ed Vols 1 & 2
- Javascript Language Reference
- Learning XSLT
- Cocoa in a NS
- Input Output Port Programming
- Game Scripting in Python

[Sun Certification Practice Exams and Ebooks](#)

Here are several excellent Sun Certification Practice Exams and Ebooks. The Sun certification practice exams come with explained answers and they cover both Solaris system administration, network administration, Java programming, web component development, business component development, storage architect, backup and recovery, and security administration. The ebooks cover the Solaris operating system, network administration, Solaris network security, Solaris security, Java programming, JavaBeans development, distributed Java programming, multithreaded programming, and Sparc user manuals.

Sun Certification Practice Exams with Explained Answers

- 310-011 - Sun Certified System Administrator for the Solaris 8 Operating Environment Part I
- 310-012 - Sun Certified System Administrator for the Solaris 8 Operating Environment Part II
- 310-014 - Sun Certified System Administrator for the Solaris 9 Operating Environment Part I
- 310-015 - Sun Certified System Administrator for the Solaris 9 Operating Environment Part II
- 310-025 - Sun Java Certified Programmer
- 310-035 - Sun Certified Programmer for Java 2 Platform 1.4
- 310-044 - Sun Certified Network Administrator for Solaris 9 Operating Environment
- 310-080 - Java 2 Enterprise Edition (J2EE) Web Component Developer
- 310-081 - Sun Certified Web Component Developer for the Java 2 Platform
- 310-090 - Sun Certified Business Component Developer for the Java 2 Platform
- 310-130 - Sun Certified Storage Architect
- 310-151 - Sun Certified Backup and Recovery Engineer
- 310-301 - Sun Certified Security Administrator

Sun Ebooks and Manuals

- Sun e-Books Solaris 8 Administrators Guide Vol-I
- Solaris 8 Administrators Guide Vol-II
- Solaris 8 Administrators Guide Vol-III
- Solaris - Sysadmin Guide
- Solaris - TCP/IP Network Administration
- Solaris Environment Network Security
- Solaris Environment Security

- Sun - SL-275 Java Programming Language
 - Sun - SL-291 JavaBeans Component Development
 - Sun - SL-301 Distributed ProgrammingWith Java
 - Sun Guide to Multithreaded Programming
 - Sun MicroSPARC Ilep Users Manual
 - Sun SuperSPARC II Users Manual
 - Sun UltraSPARC Ili Users Manual
 - Sun UltraSPARC Users Manual
-

[Free Book on Building Secure Web Applications](#)

The Open Web Application Security Project (OWASP.org) has written and [published](#) a free 293-page book detailing how to build and develop Secure Web Applications. This guide carefully explains many common web security issues, such as cross site scripting and SQL injection vulnerabilities. It provides information about securing most forms of web applications and services, along with real world guidance using J2EE, ASP.NET, and PHP samples. It also discusses Microsoft's Threat Risk Modeling strategy, as well as several other security methodologies, such as Trike, CVSS, AS4360, and Octave. Here is a [mirror of the guide](#). OWASP also provides some excellent [Web Security Presentations](#) and [Web Security Papers](#).

[A Guide to Building Secure Web Applications and Web Services](#)

(3.1mb, pdf format)

[Table of Contents](#)

- About The Open Web Application Security Project
- Introduction
- What Are Web Applications?
- Security Architecture And Design
- Secure Coding Principles
- Threat Risk Modeling
- Handling E-Commerce Payments
- Phishing

- Web Services
- Authentication
- Authorization
- Session Management
- Data Validation
- Interpreter Injection
- Canoncalization, Locale And Unicode
- Error Handling, Auditing And Logging
- File System
- Buffer Overflows
- Administrative Interfaces
- Cryptography
- Configuration
- Maintenance
- Denial Of Service Attacks
- Gnu Free Documentation License
- Php Guidelines
- Cheat Sheets

[1 UML and 3 Visual Basic .Net Ebooks](#)

This [Microsoft Books and System Administration Resources](#) page hosts mostly older Windows 2000 ebooks (pdf) for free download. At the bottom of this page, under the sub-section titled "Windows Development and Programming", are 3 ebooks that are of interest to **Visual Basic .Net** (VB.Net) developers. And one **UML** ebook is also hosted at this location. Here are the names of these 4 ebooks:

- Visual Basic
- Programming Visual Basic .NET
- Beginning Visual Basic .NET Database Programming
- Crash Course UML

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 intelligentedu.com/cat3.html

Database Systems

This course introduces graduate students to the foundations of database systems, focusing on basics such as the relational algebra and data model, schema normalization, query optimization, and transactions. The course features an extensive set of [lecture notes](#) and problem sets with solutions in the [assignments](#) section. In addition, [exams](#) are available.

Lecture Topics:

- 1) [Introduction](#)
- 2) [The Relational Model](#)
- 3) [Schema Normalization](#)
- 4) [Database Design](#)
- 5) [Indexing and Access Methods](#)
- 6) [Buffer Pool Design and Memory Management](#)
- 7) [Join Algorithms](#)
- 8) [Query Optimization](#)
- 9) [Introduction to Transaction Processing](#)
- 10) [Recovery](#)
- 11) [Optimistic Concurrency Control](#)
- 12) [Recovery \(cont.\)](#)
- 13) [Degrees of Locking](#)
- 14) [Distributed Databases](#)
- 15) [Distributed Transactions](#)
- 16) [Replication in Database Systems](#)
- 17) [Search Engines](#)
- 18) [Stream Processing](#)

- 19) [Adaptive Query Processing](#)
- 20) [Online Query Processing](#)
- 21) [Sensor Networks](#)
- 22) [XML and Semantic Web](#)
- 23) [XML](#)

Assignments:

Problem Set 1: ([PDF](#)) Solutions: ([PDF](#))

Problem Set 2: ([PDF](#)) Solutions: ([PDF](#)) Supporting File: 6.830-ps2.tar.gz ([GZ](#))

Problem Set 3: ([PDF](#)) Supporting File: TransactionTest.java ([Java](#))

The Quizzes for the course, along with study questions, are provided below.

- Exam 1 Study Questions ([PDF](#))
- Exam 1 Solutions ([PDF](#))
- Quiz 1 Solutions ([PDF](#))
- Quiz 2 Solutions ([PDF](#))

[Three-Dimensional Modeling, Animation and Rendering Using Blender 3D Software](#)

Blender is the free open source 3D content creation suite, available for all major operating systems under the GNU General Public License. You can [download](#) the latest version of Blender.

Course Objectives:

- Installation of Blender software
- Understanding Blender Software Navigation
- Using Blender Transform Functions, File System and Object and Edit Functions
- Applying Materials and Textures to modeled objects
- Understanding Basic Keyframe Animation
- Positioning Lighting Objects in 3D Scenes

- [Rendering to Image and Video files](#)
- [Develop 3D modeling strategies for creative use](#)

Learning Units:

Unit 1: [Basic Blender Navigation](#)

Unit 2: [Blender Transforms](#)

Unit 3: [Blender File System](#)

Unit 4: [Blender Object Functions](#)

Unit 5: [Edit Mode Tools](#)

Unit 6: [More Editing Tools](#)

Unit 7: [Blender Curve Tools](#)

Unit 8: [Blender Materials and Textures](#)

Unit 9: [Blender Lighting](#)

Unit 10: [Animation](#)

Unit 11: [Appending - Deformations - Camera](#)

Unit 12: [Blender Particle System](#)

Supplementary Material:

- [3-D Links](#)
- [Blender Hot Keys Cheat Sheet](#) (pdf)
- [Complete List of Blender Tutorials in PDF format](#)
- [Complete List of Blender Video Tutorials](#)

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:

[Info Tech Live](#)

This is a technology and Internet news resource that provides industry specific information on Information Technology and new products via webcasts, interviews, expert advice and white papers.

Available Channels:

- **[Security](#)** - [Live Events](#), [Archived Events](#), [Speakers](#), [Interviews](#), [Whitepapers](#)
 - **[Storage](#)** - [Live Events](#), [Archived Events](#), [Speakers](#), [Interviews](#), [Whitepapers](#)
 - **[CRM](#)** - [Live Events](#), [Archived Events](#), [Speakers](#), [Interviews](#), [Whitepapers](#)
 - **[Mobile Computing](#)** - [Live Events](#), [Archived Events](#), [Speakers](#), [Interviews](#), [Whitepapers](#)
 - **[Marketing](#)** - [Live Events](#), [Archived Events](#), [Speakers](#), [Interviews](#), [Whitepapers](#)
 - **[Content Management](#)** - [Live Events](#), [Archived Events](#), [Speakers](#), [Interviews](#), [Whitepapers](#)
 - **[Web Services](#)** - [Live Events](#), [Archived Events](#), [Speakers](#), [Interviews](#), [Whitepapers](#)
-

Windows Forums

Active and helpful forums in several topical areas for Windows. Here are their [Windows XP Forum](#) topics:

- [General Discussion](#)
- [Help & Support](#)
- [Basics](#)
- [New Users](#)
- [MediaCenter](#)
- [Configuration Manage](#)
- [Customize](#)
- [Device Driver](#)
- [Games](#)

- [Perform Maintain](#)
 - [Messenger](#)
 - [Print & Fax](#)
 - [Security Admin](#)
 - [Video](#)
 - [Work Remotely](#)
 - [Hardware](#)
-

[Startvbdotnet](#)

This is a tutorial and support site for both Windows, ASP.NET, and Visual Basic .NET Web Development. It will help those developers who are upgrading from Visual Basic to Visual Basic .NET and from ASP to ASP.NET. It offers free VB .NET and ASP.NET tutorials and code.

Topics:

- [.NET Defined](#)
 - [OOP with VB](#)
 - [VB Language](#)
 - [Win Forms](#)
 - [Windows Controls](#)
 - [ADO .NET](#)
 - [User Controls](#)
 - [File Handling](#)
 - [Multithreading](#)
 - [Deployment](#)
 - [XML Web Services](#)
 - [Essential XML](#)
-

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

These web sites will be added to our IT Links and Resources page at Intelligentedu.com/cat6.html

[Online Training References for Web Design](#)

A huge mega-reference (over 6,000 links) of information and articles about web design and development. It is dedicated to disseminating news and information with emphasis on elements of user experience, accessibility, web standards, cascading style sheets, events, books, information architecture, color, navigation and more.

- [Accessibility](#)
- [Associations](#)
- [Books](#)
- [Cascading Style Sheets](#)
- [Color](#)
- [Dreamweaver](#)
- [Evaluation & Testing](#)
- [Events and Conferences](#)
- [Flash](#)
- [Information Architecture](#)
- [JavaScript](#)
- [Misc](#)
- [Navigation & Labeling](#)
- [PHP](#)
- [Sites & Blogs](#)
- [Standards](#)
- [Tools](#)
- [Typography](#)
- [Usability](#)

- [XML](#)
-

Krugle - Code Search For Developers

Search for Open Source Code, Project, and Technical pages for developers. This technical search engine looks promising and offers some good results

7) I.T. Sites and Free Downloads Worth Mentioning:

The following programs are totally Free, no popups, adware, spyware, or shareware.

DVD Shrink 3.2

DVD Shrink backs up your DVD disks. Use it together with your DVD burning program to make a backup copy of any DVD video disk. DVD Shrink will also burn your backup DVD, if you have installed the latest version of Nero. Also, DVD Shrink writes out files to your hard drive, which you can then burn with any DVD burning software. [Download DVD Shrink](#) (1069 kb)

StationRipper 1.13

Using StationRipper, you can 'record' lots of internet radio stations. It lets you obtain a list of available Shoutcast stations and then start recording them, creating a single MP3 file for each song the station plays. It also allows you to record up to 200 streams at one time and it will keep track of all the songs you download, so if that song gets slotted to be recorded in the future, it will skip it. [Download StationRipper](#) (505kb)

Naomi 3.2.90

Naomi is an advanced internet filtering program, easy to use and totally free, intended for families, and children in particular. This program constantly monitors all internet connections and filters out inappropriate online material. Naomi does not rely on a list of banned sites, but instead analyzes all the data coming into the network in real-time through any internet application, such as web browsers, chat programs, news readers. [Download Naomi](#) (1380 kb)

mIRC 4.1

mIRC providea a user-friendly interface to use with the IRC network. It has the following features:

- Colored text to ease reading
- Comprehensive Alias definitions
- Configurable multi-level popup menus
- DCC Send/Get/Chat/Resume
- Finger client
- Remote CTCP tool
- Simple Event handler
- Ident server

- Simple File-server
- URL Catcher
- Command history
- Function Key definitions
- Toolbar with tooltips

It was designed with the objective of speeding up an IRC session while at the same time making easy to use. [Download mIRC](#) (571 kb)

SmartFTP 1.0.970

SmartFTP allows you to transfer files across the Internet. It features an Explorer-like interface that is fully customizable and supports drag-and-drop functions. Multiple FTP connections can be opened at the same time, and you can copy files from one remote host to another. It also includes an interface for FTP-specific search engines such as FTPSearch and Filez.com. It can resume broken downloads, keeps a global history, does background transfers, handles proxy addresses, performs passive transfer mode, and can perform recursive downloads, uploads, and deletes. [Download SmartFTP](#) (5466 kb)

WinGet 1.9

WinGet is a download accelerator that can increase download speeds. Its acceleration is obtained by splitting the file being downloaded into several parts and downloading these parts at the same time. You can resume broken downloads if your connection is lost for any reason. It can fully integrate into the browser, and has HTTP and SOCKS proxy support. [Download WinGet](#) (603 kb)

8) Question of the Month about Technical Training:

Each month Scott Turton will answer a current or important question that we have received about computer and IT training and career development.

March 2007 Question of the Month:

What are some good methods to slow down and even stop spam from coming into my email inbox?

Answer:

Spam is a real and growing issue on the Internet today. It appears to be increasing and the perpetrators are getting better at it as time goes by. We need to become more sophisticated in our efforts to fight back and [stop spam](#).

This recent [Forbes article](#) details 8 ways to deter and stop spam in its tracks:

1. Go Incognito - Never post your e-mail address on a public site, even your personal Web site.
2. Watch Out For The Little Boxes - E-mail users often receive spam because they've unknowingly requested the messages.
3. Get An Alias - Getting an e-mail address is as easy as signing your name, with ubiquitous free programs like Yahoo.
4. Sort And Screen - Many Internet service providers and e-mail services provide spam filtering.
5. Chose Your Address Wisely - The more unusual your address, the less likely you'll be spammed.
6. Ignore, Ignore, Ignore - Never, ever respond to spam.
7. Guard Personal Information - Never confirm any personal information via e-mail.
8. Keep Your Money In Your Wallet - Never buy anything from spammers.

Here is [another good article](#) offering 18 methods to use for keeping spam from getting into your inbox.

In [this article](#), John Buckman, developer of the MailShield anti-spam/antirelay program discusses the impact of spam, and describes 5 strategies for stopping spammers in their tracks.

I hope this help you.

Scott Turton
Site Editor
<http://www.intelligentedu.com>

9) Please Support Our Training Mission

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

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Computer Education, Training, & Tutorial Resources

<http://www.intelligentedu.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. Also offered are free technical training tutorials co-branded with [Freeskills.com/](http://www.freeskills.com/). Check us out today.

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***** [Intelligentedu.com's Member Site](http://www.intelligentedu.com/sign-up/index.html) *****

<http://www.intelligentedu.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.

Intelligentedu.com Member Site FAQ Answers:

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, you may choose to be billed by PayPal, or you may purchase from 2checkout.com, our authorized retailer, whichever you choose.
3. You have a choice to select the non-recurring or recurring method of payment. If you select non-recurring, when your membership period expires, you will not be automatically charged another fee on your credit card or check.
4. If you are looking for training and tutorials covering popular software such as Microsoft Office, Flash, Photoshop, Dreamweaver, Web Development, Windows and Computer Hardware, please see our sister site, <http://www.EducationOnlineForComputers.com>

The total price to join our member's site is only \$15.00 total for 2 months, \$25 for 4 months, \$34 for 6 months, or \$59 for a whole year. 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.intelligentedu.com/sign-up/index.html>](http://www.intelligentedu.com/sign-up/index.html). You can email Scott Turton with questions at scott_turton@intelligentedu.com.

I will give you 8 great Free Bonuses when you sign up now. These are as follows:

1. A Comprehensive 47-page IT Glossary
2. How To Understand Windows Error Messages program
3. 105 Great Totally Free Utility Programs
4. A Bug Tracking Access
5. The Four Best IT Salary Calculator/Wizard sites
6. 12 Great Web Resources for Learning the Best Methods to Study and Take Tests
7. Six Great e-Books (a \$120 value) to help you Make Money using the Internet
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Thank You!

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