



August 4, 2011

## Computer User Training

### Desktop Publishing

#### Acrobat 10 - Level 1 \$325

Accessing PDF documents, creating PDF documents, navigating to a specific content in a PDF document, updating PDF documents, working with multiple PDF documents, reviewing PDF documents, validating PDF documents, converting PDF files.

Oct 14	Fri	9a-5p	TY
Jan 30	Mon	9a-5p	DC

#### InDesign CS5 - Level 1 \$325

Exploring the Indesign environment, designing documents, enhancing documents, working with page elements, managing objects, working with tables, finalizing documents.

Aug 24	Wed	9a-5p	DC
Nov 1	Tue	9a-5p	TY
Jan 5	Thu	9a-5p	DC
Mar 6	Tue	9a-5p	TY

#### InDesign CS5 - Level 2 \$325

Handling page elements, managing styles, developing complex paths, administering external files, working with an XML file, creating dynamic documents, managing long documents, exporting indesign files in other formats, adjusting print settings.

Sep 16	Fri	9a-5p	DC
Nov 29	Tue	9a-5p	TY
Mar 12	Mon	9a-5p	DC

### Graphics

#### Illustrator CS5 - Level 1 \$325

Creating shapes in a document, creating custom paths, working with text, working with objects, enhancing documents, proofing a document, saving images for web and print.

Oct 31	Mon	9a-5p	TY
Jan 13	Fri	9a-5p	DC

#### Illustrator CS5 - Level 2 \$325

Creating and enhancing complex illustrations, creating a vector version of a raster graphic and special effects, working with graphs, working with variables, outputting documents, exporting graphics for the web and mobile devices

Jan 27	Fri	9a-5p	TY
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#### Photoshop CS5 - Level 1 \$649

Initiating a project, exploring the Adobe Photoshop CS5 environment, determining graphic type and resolution, working with selections, working with layers, enhancing images with paint and filters, exploring image modes and color adjustments, saving images for web and print.

Aug 29-30	M-Tu	9a-5p	DC
Dec 15-16	Th-F	9a-5p	TY
Feb 9-10	Th-F	9a-5p	DC

#### Photoshop CS5 - Level 2 \$649

Enhancing images, working with vector paths, working with shape layers and masks, automating tasks, working with video files, integrating with other Adobe applications.

Sep 12-13	M-Tu	9a-5p	TY
Feb 23-24	Th-F	9a-5p	DC

### Internet & Web Design

#### Dreamweaver CS5 - Level 1 \$649

Getting started with Dreamweaver, initiating a website, designing web pages, creating reusable site assets, working with links, uploading a website.

Aug 22-23	M-Tu	9a-5p	TY
Oct 27-28	Th-F	9a-5p	DC
Dec 8-9	Th-F	9a-5p	TY
Mar 1-2	Th-F	9a-5p	DC

#### Dreamweaver CS5 - Level 2 \$649

Working in code view, formatting with advancedCSS techniques, working with AP elements, working with SPRY elements, creating a form, integrating external files with Dreamweaver.

Sep 1-2	Th-F	9a-5p	TY
Dec 19-20	M-Tu	9a-5p	DC
Mar 19-20	M-Tu	9a-5p	TY

#### Flash CS5 - Level 1 \$649

Flash CS5: add shapes, colors, and lines with drawing and painting tools, creating symbols and instances, identifying image types, manipulating objects, working with text, using animation basics to create animations, using Actionscript.

Aug 11-12	Th-F	9a-5p	TY
Jan 17-18	Tu-W	9a-5p	DC

#### Flash CS5 - Level 2 \$649

Planning and designing a Flash project, managing symbols, laying out text, creating advanced animations, adding audio to a movie, working with Actionscript 3.0, publishing a movie in different formats, extending Flash.

Sep 19-20	M-Tu	9a-5p	DC
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#### SharePoint Designer 2007 - Level 1 \$325

Getting started with the SharePoint Designer environment, creating a subsite, adding content to the site, working with cascading style sheets, adding basic functionality to web pages, adding SharePoint components to the site, automating business processes with workflows

Aug 5	Fri	9a-5p	DC
Nov 8	Tue	9a-5p	TY
Jan 23	Mon	9a-5p	DC

#### SharePoint Designer 2007 - Level 2 \$325

Working with ASP.NET forms, integrate data sources, using SharePoint site templates, advanced data integration using SharePoint Designer 2007, update workflows using SharePoint Designer 2007, administering a SharePoint site using SharePoint Designer 2007

Aug 17	Wed	9a-5p	DC
Jan 30	Mon	9a-5p	TY

#### SharePoint Designer 2010 - Level 1 \$325

Getting started with the SharePoint Designer environment, creating a subsite, adding content to the site, formatting a site with cascading style sheets, linking web pages, adding SharePoint components to the site, automating business processes with workflows.

Aug 29	Mon	9a-5p	DC
Nov 28	Mon	9a-5p	TY
Mar 2	Fri	9a-5p	DC



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**SharePoint Designer 2010 - Level 2** **\$325**

Working with ASP.NET forms, implementing custom content types, integrating SharePoint sites with data sources, manipulating external data sources, implementing advanced data integration using SharePoint designer 2010, creating workflows, administering a SharePoint site using SharePoint Designer 2010.

Sep 26 Mon 9a-5p TY  
 Mar 26 Mon 8:30a-4:30p DC

**SharePoint Foundation 2010 - Level 1** **\$649**

Working with lists, working with libraries, communicating with team members, working remotely with SharePoint content, customizing your SharePoint environment, creating a team site, performing basic site administration.

Nov 3-4 Th-F 9a-5p TY  
 Feb 2-3 Th-F 9a-5p DC

**SharePoint Foundation 2010 - Level 2** **\$649**

Branding a site collection, managing lists, managing libraries, managing form libraries, managing content structures, managing workflows, working with indexing and searching, working offline using SharePoint workspace 2010, managing the SharePoint applications using central administration, managing user access, site security, usage, and site maintenance.

Nov 21-22 M-Tu 9a-5p DC  
 Feb 27-28 M-Tu 9a-5p TY

**Web Design with XHTML, HTML, and CSS - Level 1** **\$325**

Creating a basic web page, structuring content, applying styles using CSS, working with tables, linking web pages.

Aug 16 Tue 9a-5p DC  
 Oct 13 Thu 9a-5p TY  
 Dec 5 Mon 9a-5p DC  
 Feb 6 Mon 9a-5p TY

**Microsoft Office**

**Access 2007 - Level 1** **\$499**

Designing and building a database, managing data in a table, querying a database, designing forms, generating and customizing reports, controlling data entry, joining tables, creating flexible queries, sharing data across applications.

Aug 18-19 Th-F 9a-5p DC

Sep 8-9 Th-F 9a-5p TY  
 Oct 3-4 M-Tu 9a-5p DC  
 Oct 24-25 M-Tu 9a-5p TY  
 Nov 14-15 M-Tu 9a-5p DC  
 Dec 12-13 M-Tu 9a-5p TY  
 Jan 9-10 M-Tu 9a-5p DC  
 Feb 9-10 Th-F 9a-5p TY  
 Mar 8-9 Th-F 9a-5p DC  
 Mar 29-30 Th-F 9a-5p TY

**Access 2007 - Level 2** **\$499**

Structuring existing data, writing advanced queries, simplifying tasks with macros, making effective use of forms, making reports more effective, maintaining an Access database.

Aug 25-26 Th-F 9a-5p DC  
 Oct 10-11 M-Tu 9a-5p TY  
 Dec 15-16 Th-F 9a-5p DC  
 Feb 16-17 Th-F 9a-5p TY

**Access 2007 - Level 3** **\$249**

Integrating Access into your business, automating a business process with VBA, managing switchboards, distributing and securing databases, sharing a database using a SharePoint site.

Sep 23 Fri 9a-5p DC  
 Dec 22 Thu 9a-5p TY  
 Mar 23 Fri 9a-5p DC

**Access 2010 - Level 1** **\$499**

Planning an Access 2010 database, organize data in tables, viewing data in tables, querying a database, designing forms, generating reports.

Aug 4-5 Th-F 9a-5p TY  
 Oct 6-7 Th-F 9a-5p DC  
 Dec 5-6 M-Tu 9a-5p TY  
 Feb 6-7 M-Tu 9a-5p DC

**Access 2010 - Level 2** **\$499**

Structuring existing data, writing advanced queries, simplifying tasks with macros, creating effective reports, maintaining an access database.

Aug 22-23 M-Tu 9a-5p DC  
 Nov 21-22 M-Tu 9a-5p TY  
 Feb 13-14 M-Tu 9a-5p DC

**Access 2010 - Level 3** **\$249**

Integrating Access into your business, automating a business process with VBA, managing switchboards, distributing and securing databases, sharing databases using a SharePoint site.

Sep 16 Fri 9a-5p TY

**Excel 2003 - Level 1** **\$249**

Navigating the worksheet, using autofill and autoformats, using keyboard shortcuts and shortcut menus, changing fonts, adding cell borders, creating a print title and headers and footers, setting page margins and page breaks, freezing worksheet columns and rows, hiding worksheets.

Oct 3 Mon 9a-5p TY  
 Nov 4 Fri 9a-5p DC

**Excel 2003 - Level 2** **\$249**

Charts, templates, sorting and filtering data, advanced formulas, graphic objects, publishing worksheets to the web.

Aug 4 Thu 9a-5p TY  
 Oct 17 Mon 9a-5p DC  
 Nov 11 Fri 9a-5p TY

**Excel 2003 - Level 3** **\$249**

Using macros, auditing worksheets, analyzing data using the scenario manager and the analysis tool pack, linking workbooks, structuring XML workbooks.

Aug 15 Mon 9a-5p DC  
 Nov 17 Thu 9a-5p TY

**Excel 2007 - Level 1** **\$249**

Navigating the worksheet; searching for data; creating formulas; using functions; converting text to columns; using autofill and autoformats; applying number formats, cell styles, and themes; creating headers and footers; freezing rows and columns.

Aug 11 Thu 9a-5p DC  
 Aug 26 Fri 9a-5p TY  
 Sep 6 Tue 9a-5p DC  
 Sep 23 Fri 9a-5p TY  
 Oct 5 Wed 9a-5p DC  
 Oct 17 Mon 9a-5p TY  
 Oct 26 Wed 9a-5p DC  
 Nov 7 Mon 9a-5p TY  
 Nov 16 Wed 9a-5p DC  
 Nov 23 Wed 9a-5p TY  
 Dec 7 Wed 9a-5p DC  
 Dec 16 Fri 9a-5p TY  
 Dec 22 Thu 9a-5p DC



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Jan 3	Tue	9a-5p	TY
Jan 17	Tue	9a-5p	DC
Jan 27	Fri	9a-5p	TY
Feb 6	Mon	9a-5p	DC
Feb 15	Wed	9a-5p	TY
Feb 27	Mon	9a-5p	DC
Mar 7	Wed	9a-5p	TY
Mar 15	Thu	9a-5p	DC
Mar 26	Mon	9a-5p	TY

**Excel 2007 - Level 2 \$249**

Creating workbooks using templates, organizing data using tables, presenting data using charts, analyzing data using pivot tables and pivot charts, enhancing visual appeal with graphic objects, calculating with advanced formulas, sorting and filtering data.

Aug 15	Mon	9a-5p	DC
Aug 29	Mon	9a-5p	TY
Sep 7	Wed	9a-5p	DC
Sep 19	Mon	9a-5p	TY
Sep 26	Mon	9a-5p	DC
Oct 7	Fri	9a-5p	TY
Oct 19	Wed	9a-5p	DC
Oct 31	Mon	9a-5p	TY
Nov 8	Tue	9a-5p	DC
Nov 18	Fri	9a-5p	TY
Nov 28	Mon	9a-5p	DC
Dec 5	Mon	9a-5p	TY
Dec 14	Wed	9a-5p	DC
Dec 23	Fri	9a-5p	TY
Jan 6	Fri	9a-5p	DC
Jan 18	Wed	9a-5p	TY
Jan 30	Mon	9a-5p	DC
Feb 10	Fri	9a-5p	TY
Feb 21	Tue	9a-5p	DC
Mar 1	Thu	9a-5p	TY
Mar 12	Mon	9a-5p	DC
Mar 19	Mon	9a-5p	TY
Mar 30	Fri	9a-5p	DC

**Excel 2007 - Level 3 \$249**

Streamlining workflow, collaborating with others, auditing worksheets, analyzing data, working with multiple workbooks, importing and exporting data, using Excel with the web, structuring XML workbooks.

Sep 2	Fri	9a-5p	TY
Sep 30	Fri	9a-5p	DC
Oct 21	Fri	9a-5p	TY
Nov 11	Fri	9a-5p	DC
Nov 21	Mon	9a-5p	TY

Dec 12	Mon	9a-5p	DC
Jan 9	Mon	9a-5p	TY
Feb 3	Fri	9a-5p	DC
Mar 2	Fri	9a-5p	TY
Mar 26	Mon	9a-5p	DC

**Excel 2010 - Level 1 \$249**

Creating a basic Excel worksheet, performing calculations; modifying and formatting a worksheet, printing and managing an Excel workbook.

Aug 19	Fri	9a-5p	TY
Sep 12	Mon	9a-5p	DC
Oct 3	Mon	9a-5p	TY
Oct 31	Mon	9a-5p	DC
Nov 7	Mon	9a-5p	TY
Nov 23	Wed	9a-5p	DC
Dec 20	Tue	9a-5p	TY
Jan 9	Mon	9a-5p	DC
Jan 26	Thu	9a-5p	TY
Feb 13	Mon	9a-5p	DC
Mar 5	Mon	9a-5p	TY
Mar 19	Mon	9a-5p	DC

**Excel 2010 - Level 2 \$249**

Calculating data with advanced formulas, organizing worksheet and table data, presenting data using charts, analyzing data using pivot tables, slicers, and pivotcharts, inserting graphic objects, customizing and enhancing workbooks and the Excel environment.

Aug 22	Mon	9a-5p	DC
Sep 30	Fri	9a-5p	TY
Oct 10	Mon	9a-5p	DC
Oct 28	Fri	9a-5p	TY
Nov 14	Mon	9a-5p	DC
Dec 2	Fri	9a-5p	TY
Dec 23	Fri	9a-5p	DC
Jan 17	Tue	9a-5p	TY
Feb 1	Wed	9a-5p	DC
Feb 17	Fri	9a-5p	TY
Mar 9	Fri	9a-5p	DC
Mar 23	Fri	9a-5p	TY

**Excel 2010 - Level 3 \$249**

Streamlining workflow, collaborating with others, auditing worksheets, analyzing data, working with multiple workbooks, importing and exporting data, using Excel with the web, structuring workbooks with XML.

Aug 26	Fri	9a-5p	TY
Oct 14	Fri	9a-5p	DC
Dec 19	Mon	9a-5p	TY
Jan 23	Mon	9a-5p	DC

Mar 12	Mon	9a-5p	TY
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**Office 2007 New Features \$249**

The Office 2007 interface; the Office XML file format; new features in Word, Excel, PowerPoint, Outlook features and Access.

Aug 31	Wed	9a-5p	DC
Nov 14	Mon	9a-5p	TY

**Office 2010 New Features \$249  
Transition from Office 2003**

Getting started with Microsoft Office 2010, modifying documents using Word 2010, working with spreadsheets using Excel 2010, creating dynamic presentations using PowerPoint 2010, working with databases using Access 2010, working with Outlook 2010, sharing Office 2010 files.

Aug 8	Mon	9a-5p	DC
Oct 20	Thu	9a-5p	TY
Dec 9	Fri	9a-5p	DC
Feb 13	Mon	9a-5p	TY

**Outlook 2007 - Level 1 \$249**

Composing and organizing messages, managing contacts and tasks, scheduling appointments and meetings, using notes.

Aug 10	Wed	9a-5p	DC
Nov 18	Fri	9a-5p	TY
Feb 21	Tue	9a-5p	DC

**Outlook 2007 - Level 2 \$249**

Setting calendar options, customizing message options, tracking work activities using the journal, managing tasks, sharing folder information, customizing the Outlook environment, locating Outlook items, working with public folders.

Aug 17	Wed	9a-5p	TY
Nov 29	Tue	9a-5p	DC
Feb 27	Mon	9a-5p	TY

**Outlook 2010 - Level 1 \$249**

Composing email messages, sending and receiving email messages, organizing email messages, managing contacts, scheduling appointments using Outlook, scheduling meetings, managing tasks, notes, and journal entries.

Oct 17	Mon	9a-5p	DC
Jan 13	Fri	9a-5p	TY



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**Outlook 2010 - Level 2 \$249**

Customizing message options, organizing and locating messages, setting calendar options, tracking activities using the journal, managing tasks, sharing folder information, customizing the outlook environment.

Nov 2	Wed	9a-5p	TY
Jan 25	Wed	9a-5p	DC

**PowerPoint 2007 - Level 1 \$249**

Creating a presentation, formatting text slides, adding graphical objects, adding tables, inserting charts, preparing to deliver a presentation.

Aug 29	Mon	9a-5p	TY
Oct 10	Mon	9a-5p	DC
Nov 4	Fri	9a-5p	TY
Dec 2	Fri	9a-5p	DC
Jan 6	Fri	9a-5p	TY
Feb 8	Wed	9a-5p	DC
Mar 5	Mon	9a-5p	TY

**PowerPoint 2007 - Level 2 \$249**

Customizing the PowerPoint environment, customizing a design template, adding diagrams and special effects, customizing a slide show presentation, collaborating on a presentation.

Sep 16	Fri	9a-5p	TY
Oct 24	Mon	9a-5p	DC
Nov 10	Thu	9a-5p	TY
Dec 12	Mon	9a-5p	DC
Jan 23	Mon	9a-5p	TY
Feb 24	Fri	9a-5p	DC
Mar 22	Thu	9a-5p	TY

**PowerPoint 2010 - Level 1 \$249**

Creating a PowerPoint presentation, formatting text on slides, adding graphical objects to a presentation, modifying graphical objects in presentations, working with tables, working with charts, preparing to deliver a presentation.

Aug 8	Mon	9a-5p	DC
Oct 21	Fri	9a-5p	TY
Jan 3	Tue	9a-5p	DC
Mar 9	Fri	9a-5p	TY

**PowerPoint 2010 - Level 2 \$249**

Customizing the PowerPoint environment, customizing a design template, adding SmartArt graphics to a presentation, adding special effects to a presentation, customizing a slide show, collaborating on a presentation, securing and distributing a presentation.

Aug 19	Fri	9a-5p	TY
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Nov 11	Fri	9a-5p	DC
Jan 20	Fri	9a-5p	TY

**Word 2007 - Level 1 \$249**

Creating and editing a document, formatting text and paragraphs, adding tables, inserting graphic objects, controlling page appearance, proofing a document.

Sep 2	Fri	9a-5p	DC
Oct 14	Fri	9a-5p	TY
Nov 21	Mon	9a-5p	DC
Jan 5	Thu	9a-5p	TY
Feb 17	Fri	9a-5p	DC
Mar 26	Mon	9a-5p	TY

**Word 2007 - Level 2 \$249**

Managing lists, customizing tables and charts, customizing formatting with styles and themes, modifying pictures, creating customized graphic elements, inserting content using quick parts, controlling text flow, automating document creation with templates, automating mail merges, automating tasks with macros.

Sep 6	Tue	9a-5p	TY
Oct 13	Thu	9a-5p	DC
Nov 28	Mon	9a-5p	TY
Jan 20	Fri	9a-5p	DC
Feb 29	Wed	9a-5p	TY

**Word 2007 - Level 3 \$249**

Using Word 2007 with other programs, collaborating on documents, managing document versions, adding reference marks and notes, making long documents easier to use, securing a document.

Sep 9	Fri	9a-5p	DC
Dec 9	Fri	9a-5p	TY
Mar 16	Fri	9a-5p	DC

**Word 2010 - Level 1 \$249**

Creating a basic Word document; editing, formatting text and paragraphs in a word document; inserting tables, characters and graphical objects; controlling the appearance of pages in a word document, and proofreading.

Aug 5	Fri	9a-5p	TY
Oct 7	Fri	9a-5p	DC
Nov 30	Wed	9a-5p	TY
Jan 4	Wed	9a-5p	DC
Feb 14	Tue	9a-5p	TY

**Word 2010 - Level 2 \$249**

Managing lists, customizing tables and charts, creating customized formats with styles and themes, modifying pictures, creating customized graphic elements, inserting content using quick parts, controlling text flow, using templates to automate document creation, automating the mail merge, using macros to automate tasks.

Oct 6	Thu	9a-5p	TY
Jan 6	Fri	9a-5p	DC

**Word 2010 - Level 3 \$249**

Using Microsoft Office Word 2010 with other programs, collaborating on documents, managing document versions, adding reference marks and notes, making long documents easier to use, securing a document, creating forms, using XML in Word.

Aug 12	Fri	9a-5p	DC
Dec 21	Wed	9a-5p	TY

**Project Management Tools**

**Project 2007 - Level 1 \$325**

Creating a project plan, managing tasks and resources in a project plan, finalizing a project plan.

Sep 19	Mon	9a-5p	TY
Nov 17	Thu	9a-5p	DC
Dec 19	Mon	9a-5p	TY
Jan 27	Fri	9a-5p	DC
Mar 15	Thu	9a-5p	TY

**Project 2007 - Level 2 \$325**

Exchanging project plan data with other applications, updating a project plan, managing project costs, reporting project data visually, reusing project plan information.

Sep 20	Tue	9a-5p	TY
Nov 18	Fri	9a-5p	DC
Mar 16	Fri	9a-5p	TY

**Project 2010 - Level 1 \$325**

Creating a project plan, managing tasks in a project plan, managing resources in a project plan, finalizing a project plan.

Sep 12	Mon	9a-5p	DC
Dec 1	Thu	9a-5p	TY
Mar 5	Mon	9a-5p	DC



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**Project 2010 - Level 2 \$325**

Exchanging project plan data with other applications, updating a project plan, manage project costs, reporting project data visually, reusing project plan information.

Sep 13	Tue	9a-5p	DC
Dec 2	Fri	9a-5p	TY

**Visio 2007 Professional - Level 1 \$325**

Directional maps, diagrams, flowcharts, organization charts, floor plans.

Sep 9	Fri	9a-5p	TY
Jan 20	Fri	9a-5p	DC

**Visio 2010 Professional - Level 1 \$325**

Visio 2010, creating a route map, enhancing a basic diagram, creating process diagrams, representing an organization hierarchy.

Oct 24	Mon	9a-5p	TY
Jan 24	Tue	9a-5p	DC

**50413 Mastering Microsoft Project 2010 \$1,499**

A quick and easy overview of managing with project, setting up a project, manually schedule vs. auto schedule, creating a work breakdown structure, identifying task relationships, defining resources within project, making work package estimates, creating a resource leveled schedule, managing the project, formatting output and printing reports, managing multiple projects, advanced ics.

Oct 12-14	W-F	9a-5p	TY
Jan 4-6	W-F	9a-5p	TY
Mar 7-9	W-F	9a-5p	DC

**Windows**

**Windows 7 - Level 1 \$249**

Exploring Windows 7, customizing the desktop, managing folders and files, using common tools and programs, browsing the Internet

Aug 18	Thu	9a-5p	TY
Nov 7	Mon	9a-5p	DC
Jan 11	Wed	9a-5p	TY
Mar 13	Tue	9a-5p	DC

**Windows SharePoint Services 3.0 - Level 1 \$649**

Working with lists and libraries, communicating with team members, working remotely with SharePoint content, customizing your SharePoint environment, creating a team site, performing basic site administration.

Aug 15-16	M-Tu	9a-5p	TY
Oct 20-21	Th-F	9a-5p	DC
Jan 12-13	Th-F	9a-5p	TY
Mar 7-8	W-Th	8:30a-4:30p	TY

**Windows SharePoint Services 3.0 - Level 2 \$649**

Managing site collections, lists, discussion boards, document libraries, form libraries, site permission access, site usage, WSS content, workflows, WSS security options, site maintenance; indexing and searching.

Sep 1-2	Th-F	9a-5p	DC
Feb 15-16	W-Th	8:30a-4:30p	DC

**IT Training**

**Cisco**

**Interconnecting Cisco Networking Devices Accelerated (CCNAX) \$3,499**

Building a simple network, switching, wireless LANS, LAN connections, WAN connections, network environment management, medium-sized routed network, single-area OSPF implementation, EIGRP implementation, access control lists, address space management, LAN extension into a WAN with frame relay

Sep 19-23	M-F	9a-6p	DC
Oct 24-28	M-F	8:30a-4:30p	DC
Nov 7-11	M-F	9a-6p	DC
Dec 12-16	M-F	9a-6p	TY
Jan 30-Feb 3	M-F	8:30a-4:30p	TY
Mar 12-16	M-F	9a-5p	TY

**Interconnecting Cisco Network Devices 1 (ICND1) \$2,995**

Building a simple network; Ethernet local area networks; wireless local area networks; local area network connections; wide area networks connections; network environment management.

Aug 8-18	6:30p-10:30p	M-Th	OLL
Sep 26-30	M-F	9a-5p	DC
Oct 10-14	M-F	9a-5p	DC

Nov 7-17	6:30p-10:30p	OLL	
Nov 7-11	M-F	8:30a-4:30p	TY
Dec 12-16	M-F	9a-5p	TY
Jan 23-27	M-F	9a-5p	DC
Feb 27-Mar 2	M-F	8:30a-4:30p	DC

**Interconnecting Cisco Network Devices 2 (ICND2) \$2,995**

Small network implementation; medium-sized switched network construction; medium-sized routed network construction; single area OSPF implementation; EIGRP implementation; access control lists; address space management; LAN extension into a WAN.

Aug 22-Sep 1	6:30p-10:30p	M-Th	OLL
Oct 24-28	M-F	9a-5p	TY
Nov 28-Dec 2	M-F	8:30a-4:30p	DC
Nov 28-Dec 8	6:30p-10:30p	OLL	
Dec 19-23	M-F	9a-5p	DC
Jan 30-Feb 3	M-F	9a-5p	TY
Mar 19-23	M-F	8:30a-4:30p	TY

**Implementing Cisco Unified Communications IP Telephony Part 2 (CIPT2) \$3,249**

Multisite deployments, centralized call-processing redundancy, bandwidth management and call admission control, features and applications for multisite deployments, IP telephony security.

Aug 15-19	M-F	9a-5p	TY
Oct 31-Nov 4	M-F	9a-5p	DC
Jan 9-13	M-F	9a-5p	TY

**Cisco Voice over IP (CVOICE) \$3,249**

Voice part configuration, VOIP gateway implementation, dial plan implementation on voice gateways, h.323 gatekeepers, ITSP connectivity.

Nov 14-18	M-F	9a-5p	TY
Feb 6-10	M-F	9a-5p	DC

**Cisco® Deploying Cisco® ASA Firewall Features (FIREWALL) \$3,249**

Implementing basic connectivity and device management, deploying Cisco ASA adaptive security appliance access control features, deploying Cisco ASA adaptive security appliance network integration features, deploying Cisco ASA adaptive security appliance virtualization and high availability features, integrating Cisco ASA adaptive security appliance security service modules.

Feb 6-10	M-F	9a-5p	DC
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**Implementing Cisco IOS Network Security (IINS) \$3,249**

Network security principles, network security using Cisco IOS firewalls; site-to-site VPN; network security using Cisco IOS IPS; LAN; SAN; voice; and endpoint security overview; security policies.

Oct 3-7	M-F	9a-5p	DC
Nov 28-Dec 2	M-F	9a-5p	TY
Feb 13-17	M-F	9a-5p	TY

**Cisco® Implementing Cisco® Intrusion Prevention System v7.0 (IPS) \$2,599**

Installing and maintaining Cisco IPS sensors, applying Cisco IPS security policies, adapting traffic analysis and response to the environment, managing and analyzing events, deploying virtualization, high availability, and high performance solutions, configuring and maintaining specific Cisco IPS hardware.

Oct 17-21	M-Th	9a-5p	TY
Feb 20-23	M-Th	9a-5p	DC

**Implementing Cisco IP Routing (ROUTE) \$3,249**

Planning routing services to requirements, implementing an EIGRP-based solution, implementing a scalable multiarea network OSPF-based solution, implementing an IPv4-based redistribution solution, implementing path control, connect an enterprise network to an ISP network

Oct 10-14	M-F	9a-5p	DC
Nov 7-11	M-F	9a-5p	TY
Dec 12-16	M-F	9a-5p	DC
Feb 6-10	M-F	9a-5p	DC
Mar 26-30	M-F	9a-5p	TY

**Cisco® Securing the Cisco® Routers and Switches (SECURE) \$3,249**

Deploying Cisco IOS software network foundation protection lesson, deploying Cisco IOS software threat control and containment, deploying cisco ios software site-to-site transmission security, deploying secure remote access with Cisco IOS software.

Jan 16-20	M-F	9a-5p	DC
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**Cisco Implementing Switch Networks (SWITCH) \$3,195**

Analyzing campus network designs, implementing: vlans in a campus network, spanning tree, inter-vlan routing, implementing a highly available network, layer 3 high availability; minimizing service loss and data theft in a campus network, accommodating voice and video in campus networks, integrating wireless lan into a campus network.

Aug 8-12	M-F	9a-5p	TY
Nov 28-Dec 2	M-F	9a-5p	DC
Jan 23-27	M-F	9a-5p	TY
Mar 19-23	M-F	9a-5p	DC

**Cisco Troubleshooting and Maintaining Cisco IP Networks (TSHOOT) \$3,195**

Planning maintenance for complex networks, planning troubleshooting processes for complex enterprise networks, maintenance and troubleshooting tools and applications, maintaining and troubleshooting campus switching-based solutions, maintaining and troubleshooting routing-based solutions, maintaining and troubleshooting network security solutions, maintaining and troubleshooting integrated, complex enterprise networks.

Sep 26-30	M-F	9a-5p	DC
Oct 17-21	M-F	9a-5p	DC
Nov 14-18	M-F	9a-5p	TY
Jan 30-Feb 3	M-F	9a-5p	TY
Mar 12-16	M-F	9a-5p	DC

**Cisco® Troubleshooting Cisco® Unified Communications (TVOICE) \$3,195**

Cisco Unified Communications Manager troubleshooting, troubleshooting call setup issues, SAF and CCD issues, troubleshooting Cisco Unified Communications Manager features and application issues, voice quality and media resources issues.

Oct 3-7	M-F	9a-5p	TY
Nov 28-Dec 2	M-F	9a-5p	DC
Feb 20-24	M-F	9a-5p	TY

**Citrix**

**Implementing the Citrix Desktop Delivery Infrastructure (CMB-200-21) \$4,999**

Citrix XenServer 5.0, Provisioning Server 5.0, XenDesktop 2.0 Enterprise Edition.

Aug 29-Sep 2	M-F	9a-5p	DC
Aug 29-Sep 2	M-F	9a-5p	TY
Mar 12-16	M-F	9a-5p	DC

**Citrix XenApp 5 for Windows Server 2003: Administration \$3,195**

Installing XenApp, installing and configuring Citrix XenApp plugins, publishing resources, enabling web access to published resources, configuring policies in XenApp, configuring sessions in XenApp, configuring XenApp, configuring load management, delivering applications with XenApp, configuring printing, streaming applications, securing access to published resources.

Sep 26-30	M-F	9a-5p	DC
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**Implementing Citrix XenApp 5.0 for Windows Server 2008 (CXA-201-11) \$3,195**

Installing XenApp; installing and configuring Citrix XenApp plugins; installing and configuring web interface; delivering applications and content; streaming applications; configuring load management, policies in XenApp, printing; administrative configuration; display and speedscreen configuration; XenApp security; installing applications; service packs and hotfixes; platinum edition additional components.

Aug 29-Sep 2	M-F	9a-5p	DC
Sep 26-30	M-F	9a-5p	TY

**CXA-201-2 Implementing Citrix XenApp 5.0 for Windows Server 2008 \$3,199**

Installing XenApp, installing and configuring the web interface, delivering applications and content, streaming applications, configuring policies in XenApp, configuring load management, configuring printing, administrative configuration, display and speedscreen configuration, XenApp security, installing applications, service packs and hotfixes, platinum edition additional components.

Oct 3-7	M-F	9a-5p	TY
Oct 10-14	M-F	9a-5p	TY
Nov 28-Dec 2	M-F	9a-5p	DC
Dec 5-9	M-F	9a-5p	DC
Feb 20-24	M-F	9a-5p	TY



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Feb 20-24 M-F 9a-5p TY

**Basic Administration for Citrix XenApp 6 (CXA-204-1)** \$3,195

Licensing XenApp.49, installing XenApp, configuring XenApp administration, installing and configuring web interface, delivering applications and content, streaming applications, configuring policies, configuring printing, configuring load management, optimizing the user experience, configuring self-service applications, securing XenApp, monitoring, additional components.

Aug 22-26 M-F 9a-5p DC  
 Sep 19-23 M-F 9a-5p TY  
 Mar 26-30 M-F 9a-5p DC

**Basic Administration for Citrix XenApp 6 (CXA-204-2)** \$3,195

Basic administration for Citrix XenApp 6, licensing XenApp.49, installing XenApp, configuring XenApp administration, installing and configuring web interface, delivering applications and content, streaming applications, configuring policies, configuring load management, optimizing the user experience, configuring self-service applications, configuring printing, securing XenApp, monitoring XenApp, additional components.

Oct 17-21 M-F 9a-5p TY  
 Nov 7-11 M-F 9a-5p DC  
 Dec 12-16 M-F 9a-5p TY

**Advanced Administration for Citrix XenApp 5.0 for Windows Server 2008 (CXA-300-1)** \$3,195

Supporting XenApp; monitoring the server farm; optimizing the environment; optimizing and troubleshooting the data store, applications, printing, clients, sessions, web interface, secure gateway; managing policies.

Aug 8-12 M-F 9a-5p TY  
 Oct 3-7 M-F 9a-5p DC  
 Oct 31-Nov 4 M-F 9a-5p DC

**CXD-202-1 Citrix XenDesktop 5 Administration** \$3,199

Students will learn how to select a desktop delivery model for each user group based on their needs, build proof-of-concept and production XenDesktop environments, assign virtual desktops to users and customize the user experience through policies and more.

Sep 26-30 M-F 9a-5p TY  
 Oct 10-14 M-F 9a-5p TY  
 Dec 5-9 M-F 9a-5p DC

**CXS-202-2 Citrix XenServer 5.6 Administration** \$3,199

Students will learn skills necessary to configure and administer XenServer 5.6, XenCenter, and Provisioning Services 5.6.

Nov 14-18 M-F 9a-5p TY

**Computer Technician**

**A+ Certification (2009 Objectives)** \$2,499

Personal computer components, operating system fundamentals, PC technician professional best practices, installing and configuring peripheral components, installing and configuring system components, maintaining and troubleshooting peripheral components, troubleshooting system components, installing and configuring operating systems, maintaining and troubleshooting Microsoft Windows, network technologies, installing and managing network connections, supporting laptops and portable computing devices, supporting printers, personal computer security concepts, supporting personal computer security.

Sep 12-16 M-F 9a-5p DC  
 Oct 4-25 7 eve TTH/1 Sat TY  
 Nov 14-18 M-F 9a-5p TY  
 Dec 1-22 7 eve TTH/1 Sat TY  
 Jan 16-20 M-F 9a-5p DC  
 Mar 12-16 M-F 9a-5p TY

**Network+ Certification (3 day)** \$1,499

Network theory, communications methods, data delivery, media and hardware, and implementations; TCP/IP; local area network infrastructure; WAN infrastructure; security; remote networking; disaster recovery; data storage; operating systems; management; troubleshooting.

Sep 29-Oct 1 Th-Sa 9a-5p TY

**Network+ Certification (5 day)** \$2,499

Network theory, network communications methods, network data delivery, network media and hardware, network implementations, networking with TCP/IP, TCP/IP services, local area network infrastructure, wan infrastructure, network security, remote networking, disaster recovery, network data storage, network operating systems, network management, network troubleshooting.

Nov 1-22 eve 7 eve TTH/1 Sat DC  
 Nov 28-Dec 2 M-F 9a-5p DC  
 Jan 3-31 eve 7 eve TTH/1 Sat TY  
 Jan 23-27 M-F 9a-5p TY  
 Mar 26-30 M-F 9a-5p DC

**F5 Networks**

**F5 Networks: BIG-IP LTM Essentials v10.x** \$1,995

Installation and licensing, virtual servers and pools, load balancing, irules, persistence, health monitors, SSL termination/certificate management, redundant pairs, mirroring connection and persistence data, and detecting network failures.

Aug 8-9 M-Tu 9a-5p TY  
 Aug 15-16 M-Tu 9a-5p OLL  
 Sep 12-13 M-Tu 9a-5p TY  
 Sep 26-27 M-Tu 9a-5p OLL  
 Oct 11-12 Tu-W 9a-5p TY  
 Oct 24-25 M-Tu 9a-5p OLL  
 Nov 7-8 M-Tu 9a-5p TY  
 Nov 15-16 Tu-W 9a-5p OLL  
 Dec 6-7 Tu-W 9a-5p TY  
 Dec 19-20 M-Tu 9a-5p OLL  
 Jan 10-11 Tu-W 9a-5p TY  
 Jan 24-25 Tu-W 9a-5p OLL  
 Feb 7-8 Tu-W 9a-5p TY  
 Feb 27-28 M-Tu 9a-5p OLL  
 Mar 12-13 M-Tu 9a-5p TY  
 Mar 26-27 M-Tu 9a-5p OLL

**F5 Networks: BIG-IP LTM Advanced Topics v10.x** \$2,495

Bigpipe commands; advanced monitors, iRules, persistence, and SNATS; logs and notification; HTTP profiles; virtual server bounceback; rate shaping; and firewall sandwiches.

Aug 10-11 W-Th 9a-5p TY  
 Aug 17-18 W-Th 9a-5p OLL  
 Sep 14-15 W-Th 9a-5p TY  
 Sep 28-29 W-Th 9a-5p OLL  
 Oct 13-14 Th-F 9a-5p TY  
 Oct 26-27 W-Th 9a-5p OLL  
 Nov 9-10 W-Th 9a-5p TY  
 Nov 17-18 Th-F 9a-5p OLL  
 Dec 8-9 Th-F 9a-5p TY  
 Dec 21-22 W-Th 9a-5p OLL  
 Jan 12-13 Th-F 9a-5p TY  
 Jan 26-27 Th-F 9a-5p OLL  
 Feb 9-10 Th-F 9a-5p TY  
 Feb 29-Mar 1 W-Th 9a-5p OLL  
 Mar 14-15 W-Th 9a-5p TY  
 Mar 28-29 W-Th 9a-5p OLL



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## Information Security

### Certified Information Security Manager® (CISM) \$3,199

Information security governance, information risk management, information security program development, information security program implementation, information security program management, incident management and response.

Nov 14-18 M-F 9a-5p DC

### Certified Information Systems Security Professional (CISSP) \$2,999

Information security and risk management; access control; cryptography; physical security; security architecture and design; business continuity planning and disaster recovery planning; telecommunications and network security; application security; operations security; legal; regulations; compliance and investigation.

Aug 8-12 M-F 9a-5p TY

Aug 29-Sep 2 M-F 9a-5p DC

Sep 26-30 M-F 9a-5p TY

Nov 7-11 M-F 8:30a-4:30p TY

Dec 5-9 M-F 9a-5p DC

Jan 16-20 M-F 9a-5p TY

Feb 13-17 M-F 8:30a-4:30p DC

Mar 19-23 M-F 9a-5p TY

### Certified Ethical Hacker \$2,599

Hacking techniques and safeguards including footprinting, scanning, enumeration, Trojans and backdoors, sniffers, denial of service, social engineering, session hijacking, web application vulnerabilities, password cracking techniques, SQL injection, viruses and worms, firewall evasion, buffer overflows, cryptography, and penetration testing.

Aug 15-19 M-F 9a-5p TY

Sep 12-16 M-F 9a-5p DC

Oct 10-14 M-F 8:30a-4:30p TY

Nov 14-18 M-F 9a-5p DC

Dec 12-16 M-F 9a-5p TY

Jan 9-16 M-F 9a-5p DC

Mar 12-16 M-F 8:30a-4:30p DC

### Security+ Certification \$2,499

Security fundamentals; security threats; hardening internal systems and services; hardening internetwork devices and services; securing network communications; managing public key infrastructure (PKI); managing certificates; enforcing organizational security policies; monitoring the security infrastructure.

Aug 22-26 M-F 9a-5p TY

Oct 31-Nov 4 M-F 9a-5p DC  
 Jan 23-27 6p-11p OLL  
 Jan 30-Feb 3 M-F 9a-5p TY

### 50093 Deploying and Administering Microsoft Forefront Client Security \$1,499

Forefront Client Security Server roles and topologies, Forefront client security client, Forefront client security management, Forefront client security reporting and alerting, security state assessment, submitting malware to Microsoft for analysis, closing.

Oct 26-28 W-F 9a-5p DC

## Other IT Courses

### Android Development Bootcamp \$3,499

Debugging and programming, user interface tools, working with the built-in camera, deploying apps to the App Store, animation, screen rotation, widgets

Aug 8-12 M-F 10a-7p TY

Oct 24-28 M-F 10a-7p DC

Oct 24-28 M-F 10a-7p TY

### Crystal Reports 2008 - Level 1 \$849

Exploring the Crystal Reports 2008 interface; working with reports; using formulas in reports; building parameterized reports; grouping report data; enhancing a report; creating a report from excel data; distributing data.

Nov 16-17 W-Th 8:30a-4:30p DC

Dec 8-9 Th-F 9a-5p DC

### Crystal Reports 2008 - Level 2 \$849

Creating running totals; working with cross-tabs; adding subreports; creating drill-downs in a report; using SQL statements in report processing; creating complex formulas; adding charts to reports; enhancing report functionality.

Oct 25-26 Tu-W 9a-5p TY

Dec 19-20 M-Tu 9a-5p DC

### Crystal Reports XI - Level 1 \$849

Creating a report; displaying specific report data; grouping report data; building formulas; formatting reports; enhancing reports; creating pie charts; distributing data.

Sep 1-2 Th-F 9a-5p TY

Oct 27-28 Th-F 9a-5p TY

Nov 21-22 M-Tu 9a-5p DC

Dec 27-28 Tu-W 9a-5p TY

Jan 26-27 Th-F 8:30a-4:30p TY  
 Mar 15-16 Th-F 8:30a-4:30p DC

### Crystal Reports XI - Level 2 \$849

Creating running totals, building cross-tabs in your report, adding subreports, creating drill-downs, enhancing report processing by writing SQL statements, charting data, reporting on Excel data with Crystal Reports, working with prompts, enhancing report functionality.

Aug 17-18 W-Th 9a-5p DC

Sep 15-16 Th-F 9a-5p TY

Oct 11-12 Tu-W 8:30a-4:30p TY

Nov 9-10 W-Th 9a-5p DC

Dec 6-7 Tu-W 9a-5p TY

Dec 29-30 Th-F 9a-5p DC

Feb 13-14 M-Tu 8:30a-4:30p TY

### ITIL v3 Foundations \$1,799

Service lifecycle, service strategy, service design, service transition, service operation, continual service improvement.

Aug 22-24 M-W 9a-5p TY

Sep 19-21 M-W 9a-5p TY

Oct 19-21 W-F 9a-5p DC

Nov 21-23 M-W 9a-5p TY

Dec 19-21 M-W 9a-5p DC

Jan 4-6 W-F 9a-5p DC

Jan 30-Feb 1 M-W 9a-5p TY

Feb 29-Mar 2 W-F 9a-5p DC

Mar 26-28 M-W 9a-5p TY

### Oracle Database 11g - Administration II \$2,999

Volume a: advanced database administration, volume b: resource manager & scheduler, volume c: rman backup & recovery.

Oct 24-28 M-F 8:30a-4:30p DC

### Oracle Database 11g - SQL Fundamentals \$2,999

Oracle Database 11g - SQL Fundamentals, relational databases, PL/SQL interface, sub-queries, data aggregation, tables, SQL99, SQL functions, database objects

Aug 8-12 M-F 9a-5p TY

Oct 17-21 M-F 9a-5p DC



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**Oracle Database 11g R2: \$2,999  
PL/SQL Fundamentals**

Choosing a SQL & PL/SQL interface; language features; declare, begin, and exception clauses; explicit cursors; declared subprograms; database program units; stored procedures & functions; creating & maintaining packages; advanced cursor techniques; using system-supplied packages; creating and maintaining database triggers; implementing system event triggers

Nov 14-18 M-F 9a-5p DC

**Oracle Database 11g: \$2,999  
Administration I**

Enterprise edition installation; the administrator interface; the Oracle enterprise architecture; instance memory and processes; creating an Oracle database; managing the database instance; managing storage structures; Oracle shared servers; implementing database security; administering user security; moving data; database maintenance and performance management; managing concurrency and locks; backup and recovery concepts and configuration

Sep 19-23 M-F 9a-5p DC

Dec 5-9 M-F 9a-5p TY

**Linux+ \$2,499**

Manage user and group accounts, managing partitions and Linux filesystem, managing files in Linux, working with permissions and ownership, printing files, managing packages, managing kernel services, working with Bash shell and shell scripts, managing jobs and processes, managing system services, configuring basic internet services, securing Linux, managing hardware, troubleshooting Linux systems, installing Linux, configuring GUI.

Aug 15-19 M-F 9a-5p TY

Sep 19-23 M-F 9a-5p DC

Oct 17-21 M-F 9a-5p TY

Nov 14-18 M-F 9a-5p DC

Dec 12-16 M-F 9a-5p TY

Jan 9-13 M-F 9a-5p DC

Feb 6-10 M-F 9a-5p TY

Feb 27-Mar 2 M-F 9a-5p DC

Mar 26-30 M-F 9a-5p TY

**3089 Implementing Novell \$2,999  
Open Enterprise Server 2 for  
Linux**

Installing OES 2 for Linux; manage boot process, run levels, file system, volumes, users, file system, packages, processes, and services; completing NetWare server administration tasks on OES 2 for Linux servers, manage eDirectory, manage storage and volumes.

Oct 3-7 M-F 9a-5p TY

**Microsoft Desktop**

**50235 Managing Enterprise \$2,499  
Desktops Using the Microsoft  
Desktop Optimization Pack**

Optimizing Windows desktop management in the enterprise, Microsoft enterprise desktop virtualization: introduction and architecture, Microsoft enterprise desktop virtualization: management, Microsoft application virtualization management system: introduction and architecture, Microsoft application virtualization management system: planning and deployment, planning and installing the Microsoft application virtualization client, administering the application virtualization management server, advanced application virtualization administration tasks, planning and deploying the application virtualization sequencer, advanced sequencing, Microsoft application virtualization and system center configuration manager integration, controlling group policy objects using advanced group policy management, monitoring desktops using Microsoft desktop error monitoring, managing software inventory using the asset inventory service, repairing and diagnosing computer systems using the diagnostics and recovery toolset.

Aug 15-19 M-F 9a-5p TY

Nov 7-11 M-F 9a-5p DC

Jan 23-27 M-F 9a-5p TY

**50292 Implementing and \$2,499  
Administering Windows 7 in  
the Enterprise**

Configuring and managing the Windows 7 desktop, customizing the Windows 7 user interface, Windows 7 in the workgroup environment, Windows 7 networking and LAN connectivity, implementing Windows 7 in a Server 2008 R2 Active Directory environment, Windows 7 remote capabilities and utilities, implementing Windows 7 for mobile computers, implementing Windows 7 local, network and internet protection, working with the Windows 7 NTFS file system and its features, troubleshooting, monitoring, and fine-tuning Windows 7 for the workplace, running and troubleshooting applications on Windows 7, configuring IE 8.

Oct 24-28 M-F 9a-5p DC

Dec 5-9 M-F 8:30a-4:30p TY

Jan 9-13 M-F 8:30a-4:30p DC

Mar 19-23 M-F 9a-5p TY

**50322 Configuring and \$2,499  
Administering Windows 7**

Installing Windows 7, configure hardware, software, and the network, sharing and securing resources, Windows 7 and mobile computing, monitoring and maintaining Windows 7, backup and recovery.

Oct 3-7 M-F 9a-5p TY

Nov 7-11 M-F 9a-5p DC

Dec 12-16 M-F 8:30a-4:30p TY

Feb 6-10 M-F 8:30a-4:30p DC

Mar 5-9 M-F 9a-5p TY

**50331 Windows 7 Enterprise \$2,499  
Desktop Support Technician**

Identify and resolve new software installation issues; resolve software configuration issues; resolve software failure; identify and resolve logon issues, network connectivity issues, name resolution issues, identify and resolve network printer issues, performance issues, hardware failure issues, wireless connectivity issues, internet explorer security issues, firewall issues, issues due to malicious software, encryption issues, software update issues, and remote access issues; manage file synchronization.

Aug 22-Sep 1 6:30p-10:30p M-Th OLL

Aug 22-26 M-F 9a-5p TY

Oct 31-Nov 4 M-F 9a-5p DC

Dec 12-16 M-F 8:30a-4:30p DC

Jan 9-13 M-F 9a-5p TY

Feb 13-17 M-F 9a-5p TY

Mar 19-23 M-F 8:30a-4:30p DC

**6292 Installing and \$1,499  
Configuring Windows 7 Client**

Installing, upgrading, and migrating to Windows 7, configuring disks and device drivers, configuring file access and printers on Windows 7 client computers, configuring network connectivity, configuring wireless network connections, securing Windows 7 desktops, optimizing and maintaining Windows 7 client computers, configuring mobile computing and remote access in Windows 7.

Aug 17-19 W-F 9a-5p TY

Aug 22-26 6p-11p OLL

Sep 12-15 6:30p-10:30p OLL

Oct 3-5 M-W 9a-5p DC

Oct 17-21 6p-11p OLL

Nov 2-4 W-F 9a-5p TY

Nov 7-11 6p-11p OLL



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Nov 21-23	M-W	8:30a-4:30p	TY
Dec 12-16		6p-11p	OLL
Jan 4-6	W-F	9a-5p	DC
Jan 9-13		6p-11p	OLL
Feb 6-10		6p-11p	OLL
Feb 21-23	Tu-Th	8:30a-4:30p	TY
Feb 27-Mar 2		6p-11p	OLL
Mar 28-30	W-F	9a-5p	DC

**6294 Planning and Managing Windows 7 Desktop Deployment and Environments \$2,499**

Preparing to deploy Windows 7 business desktops, assessing application compatibility, evaluating deployment methods, designing standard Windows 7 images, deploying using WAIK, deploying using Windows deployment services, deploying using lite touch installation, deploying using zero touch installation, migrating user state by using WET and USMT 4.0, designing, configuring, and managing the client environment, planning and deploying applications and updates to Windows 7 clients, planning and deploying using ITI.

Aug 22-26	M-F	9a-5p	TY
Oct 17-21	M-F	9a-5p	DC
Nov 14-18	M-F	9a-5p	DC
Dec 12-22	6:30p-10:30p	M-Th	OLL
Dec 12-16	M-F	9a-5p	TY
Jan 16-20	M-F	9a-5p	DC
Feb 27-Mar 2	M-F	9a-5p	TY

**Microsoft Exchange**

**10135 Configuring, Managing and Troubleshooting Exchange Server 2010 \$2,499**

Deploying Microsoft Exchange Server, configuring mailbox servers, managing recipient objects, managing client access, managing message transport, implementing messaging security, implementing high availability, implementing backup and recovery, configuring messaging policy and compliance, securing and maintaining Microsoft Exchange Server 2010, transitioning from Exchange Server 2003 or Exchange Server 2007 to Exchange Server 2010, implementing unified messaging, advanced topics in Exchange Server 2010.

Aug 22-26	M-F	9a-5p	DC
Sep 26-30	M-F	9a-5p	TY
Oct 24-28	M-F	9a-5p	DC
Nov 14-18	M-F	8:30a-4:30p	TY
Dec 12-16	M-F	9a-5p	DC
Jan 16-20	M-F	9a-5p	TY

Feb 13-17	M-F	9a-5p	TY
Mar 12-16	M-F	8:30a-4:30p	DC

**10159 Updating Your Windows Server 2008 Technology Specialist Skills to R2 (Beta) \$1,499**

Deploying and managing Windows Server 2008 R2; Configuring --active directory, virtualization by Using Hyper-V, remote desk services, virtual desk infrastructure; deploying and configuring Remote Access Services, Windows Server 2008 R2 features for branch offices; configuring and managing Windows Server 2008 R2 Web Services, Windows PowerShell 2.0.

Sep 19-21	M-W	9a-5p	DC
Oct 12-14	W-F	9a-5p	DC
Nov 21-23	M-W	9a-5p	TY
Dec 27-29	Tu-Th	9a-5p	DC
Feb 13-15	M-W	9a-5p	DC
Mar 21-23	W-F	9a-5p	TY

**10165 Updating Your Skills from Microsoft Exchange Server 2003 or Exchange Server 2007 to Exchange Server 2010 \$2,499**

Deploying Microsoft Exchange Server 2010, configuring mailbox servers, managing recipient objects, managing client access, managing message transport, implementing messaging security, implementing high availability, implementing backup and recovery, configuring messaging policy and compliance, securing Exchange Server 2010, monitoring and troubleshooting Exchange Server 2010, upgrading from Exchange Server 2007 to Exchange Server 2010.

Oct 3-7	M-F	9a-5p	TY
Nov 7-11	M-F	9a-5p	DC
Dec 12-16	M-F	9a-5p	TY
Jan 9-13	M-F	9a-5p	DC
Feb 6-10	M-F	9a-5p	TY
Feb 20-24	M-F	9a-5p	TY
Mar 5-9	M-F	9a-5p	DC

**10215 Implementing and Managing Microsoft Server Virtualization \$2,499**

Evaluating and planning for virtualization, installing and configuring the Hyper-V server role, creating and configuring virtual hard disks and virtual machines, integrating system center virtual machine manager with Microsoft Hyper-V server 2008 R2, creating and deploying virtual machines using System Center Virtual Machine Manager 2008 R2, managing virtual machines using Virtual Machine Manager 2008, configuring and managing the VMM library, configuring user roles and the virtual machine manager self-service portal, implementing high availability for server virtualization, maintaining software updates using the offline virtual machine servicing tool, monitoring and reporting virtualization, backup and restore strategies for virtual machines, desktop virtualization using remote desktop services, extending remote desktop services outside the organization.

Sep 26-30	M-F	9a-5p	DC
Oct 3-7	M-F	9a-5p	TY
Nov 14-18	M-F	9a-5p	DC
Dec 19-23	M-F	9a-5p	TY
Jan 9-13	M-F	9a-5p	DC
Jan 30-Feb 3	M-F	9a-5p	TY
Feb 27-Mar 2	M-F	9a-5p	DC
Mar 26-30	M-F	9a-5p	TY

**10233 Designing and Deploying Messaging Solutions with Microsoft Exchange Server 2010 (Beta) \$2,499**

Designing Exchange Server integration with the current infrastructure, planning and deploying mailbox services, planning and deploying client access services in Exchange Server 2010, planning and deploying message transport in Exchange Server 2010, planning and deploying messaging security, planning and deploying high availability, planning a disaster recovery solution, planning Exchange Server 2010 monitoring and troubleshooting, transitioning to Exchange Server 2010, integrating Exchange Server 2010 with other messaging systems.

Aug 29-Sep 2	M-F	9a-5p	DC
Oct 10-14	M-F	9a-5p	DC
Nov 28-Dec 2	M-F	8:30a-4:30p	DC
Jan 30-Feb 3	M-F	9a-5p	DC
Feb 27-Mar 2	M-F	8:30a-4:30p	TY



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**10324 Implementing and Managing Microsoft Desktop Virtualization \$2,499**

Planning desktop virtualization scenarios, implementing Windows Virtual pc and Windows XP mode, implementing Microsoft enterprise desktop virtualization, configuring and deploying Med-V images, managing a Med-V deployment, implementing app-v, planning and

Nov 14-18 M-F 9a-5p TY  
 Jan 23-27 M-F 9a-5p DC  
 Mar 5-9 M-F 8:30a-4:30p TY

**2933 Developing Business Process and Integration Solutions Using Microsoft BizTalk Server 2006 \$2,499**

Creating schemas, creating maps, deploying a BizTalk project, routing BizTalk messages, creating pipelines, integrating with adapters, creating a BizTalk orchestration, automating business processes, creating transactional business processes, deploying and managing BizTalk applications, integrating with web services, integrating business rules, monitoring business activity, integrating with trading partners.

Sep 12-16 M-F 9a-5p TY  
 Dec 5-9 M-F 9a-5p DC

**3938 Updating Your Skills from Exchange Server 2000 or 2003 to Exchange Server 2007 \$1,499**

Deploying and administering Exchange Server 2007, implementing client access services, managing message routing in an organization, securing messages, implementing messaging policies, high availability and disaster recovery, implementing unified messaging.

Sep 21-23 W-F 9a-5p TY  
 Oct 24-26 M-W 9a-5p DC

**50025 PowerShell for Administrators \$1,499**

Windows PowerShell pipeline, scripts, and syntax; variables and data types; variable scopes and arrays; security; script flow control statements; formatting; regular expressions; functions; error handling; and advanced

Aug 17-19 W-F 9a-5p TY  
 Sep 14-16 W-F 9a-5p DC

**50028 Installing and Configuring System Center Operations Manager 2007 \$2,499**

Installing System Center Operations Manager, using the operations console, configuring management group and agent settings, agent installation, management packs, reporting, agentless exception monitoring, audit collection services, using the command shell, complex environments, migrating from MOM 2005.

Aug 22-26 M-F 9a-5p DC  
 Sep 26-30 M-F 9a-5p TY  
 Oct 24-28 M-F 9a-5p DC  
 Nov 14-18 M-F 9a-5p TY  
 Dec 5-9 M-F 9a-5p DC  
 Jan 23-27 M-F 9a-5p DC  
 Mar 12-16 M-F 9a-5p TY

**50216 Microsoft System Center Operations Manager 2007: Advanced Configuration and Administration \$2,499**

Architecture and troubleshooting, management packs, reporting, connectors, advanced scripting and powershell.

Oct 26-28 W-Su 9a-5p DC  
 Nov 21-23 M-F 9a-5p TY  
 Dec 12-14 M-F 9a-5p DC  
 Feb 20-22 M-F 9a-5p DC

**50273 Planning and Designing Microsoft Virtualization Solutions \$2,499**

Installing and configuring BizTalk Server 2009, deploying and managing BizTalk Server applications, business rules and business activity monitoring, administering BizTalk Server environment.

Oct 3-7 M-F 9a-5p DC  
 Dec 12-16 M-F 9a-5p TY  
 Feb 13-17 M-F 9a-5p DC

**50357 Implementing Forefront Threat Management Gateway 2010 \$999**

Forefront Threat Management Gateway (TMG) 2010 overview, secure web gateway, remote access gateway, secure mail relay, Forefront TMG 2010 design and deployment considerations.

Oct 24-25 M-Tu 9a-5p DC  
 Nov 21-22 M-Tu 9a-5p TY

**50360 Implementing Forefront Protection 2010 for Exchange and SharePoint \$999**

Forefront Protection overview, secure mail relay using Forefront Threat Management Gateway 2010, Forefront Protection 2010 for Exchange Server, Forefront Online Protection for Exchange, ForefrontProtection 2010 for SharePoint, Forefront Protection Manager.

Oct 20-21 Th-F 9a-5p DC  
 Nov 14-15 M-Tu 9a-5p TY  
 Dec 8-9 Th-F 9a-5p DC

**50382 Implementing Forefront Identity Manager 2010 \$1,999**

The synchronization service manager, more about synchronization, the firm service and portal, managing synchronization from the portal, managing credentials with firm, group management, other considerations.

Nov 7-10 M-Th 9a-5p TY

**50412 Implementing Active Directory Federation Services 2.0 \$1,999**

AD FS prerequisites, public key infrastructure (PKI), AD FS 2.0 components, claims-based authentication in a single organization, claims-based authentication in a business-to-business federation, advanced AD FS deployment scenarios, the AD FS claims rule language, AD FS troubleshooting.

Oct 17-20 M-Th 9a-5p DC  
 Nov 14-17 M-Th 9a-5p TY  
 Dec 19-22 M-Th 9a-5p DC  
 Jan 16-19 M-Th 9a-5p TY  
 Mar 12-15 M-Th 9a-5p DC

**50414 Microsoft Windows PowerShell v2 for Administrators \$1,999**

The PowerShell pipeline, scripts and syntax, variables and data types, variable scopes, and collections, security, remote management, script flow control statements, functions, filters and modules, error handling, administrative uses.

Aug 22-25 M-Th 9a-5p TY  
 Oct 24-27 M-Th 9a-5p DC



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**50465 Performance Point 2010 \$1,499**  
**Designing and Implementing Scorecards and Dashboards**

The Business Intelligence stack, PerformancePoint Services 2010, dashboards and scorecards overview, MDX (optional module), dashboard designer, data connections, visual indicators and key performance indicators, visual reports and filters, scorecards, dashboard details.

Jan 11-13 W-F 8:30a-4:30p TY

**5047 Introduction to Installing \$1,499**  
**and Managing Exchange Server 2007**

Exchange and Active Directory; installing Exchange Server; configuring mailbox server roles; managing recipient objects, e-mail addresses and address lists, client access, messaging transport, availability, backup, and recovery.

Aug 22-24 M-W 9a-5p DC  
 Sep 6-8 Tu-Th 9a-5p TY  
 Nov 14-16 M-W 9a-5p TY  
 Jan 16-18 M-W 9a-5p DC  
 Mar 19-21 M-W 9a-5p TY

**5049 Managing Messaging \$499**  
**Security Using Exchange Server 2007**

Maintaining antivirus and anti-spam systems, configuring edge transport servers, and implementing messaging policies.

Aug 18 Thu 9a-5p DC  
 Nov 18 Fri 9a-5p TY  
 Jan 19 Thu 9a-5p DC  
 Mar 22 Thu 9a-5p TY

**5050 Recovering Messaging \$499**  
**Servers and Databases using Exchange Server 2007**

Recovering messaging databases and preparing for and recovering from mailbox server failures and non-mailbox server failures.

Aug 19 Fri 9a-5p TY  
 Nov 17 Thu 9a-5p TY  
 Jan 20 Fri 9a-5p DC  
 Mar 23 Fri 9a-5p TY

**5051 Monitoring and \$999**  
**Troubleshooting Exchange Server 2007**

Monitoring and troubleshooting client performance and connectivity; troubleshooting access to resources and messages; monitoring and troubleshooting mail flow, mailbox servers, and external and additional services; identifying trends in a messaging system.

Aug 8-9 M-Tu 9a-5p DC  
 Oct 27-28 Th-F 9a-5p DC  
 Jan 26-27 Th-F 9a-5p DC

**5053 Designing a Messaging \$1,499**  
**Infrastructure Using Exchange Server 2007**

Gathering requirements for a messaging infrastructure; designing Active Directory and message routing, Exchange Servers, security for a messaging environment, messaging policies, coexistence and interoperability strategies with other messaging systems strategies, and an Exchange Server 2007 upgrade strategy; obtaining approval for a messaging infrastructure design.

Oct 31-Nov 2 M-W 9a-5p TY

**5054 Designing a High \$999**  
**Availability Messaging Solution Using Exchange Server 2007**

Foundational high availability concepts for messaging, evaluating high availability technologies, creating a high availability messaging strategy, designing the messaging portion of a business continuity plan, designing backup, ensuring recovery readiness.

Nov 3-4 Th-F 9a-5p DC

**5927 Microsoft Project 2007 \$1,499**  
**Managing Projects**

Getting started with Project 2007, creating and defining projects, working with estimates and dependencies, working with deadlines, constraints, and task calendars, working with resources, predicting behavior by using task types and the scheduling formula, customizing and formatting, analyzing resource utilization, tracking progress, creating reports, managing multiple projects.

Aug 15-17 M-W 9a-5p TY  
 Sep 28-30 W-F 9a-5p DC  
 Oct 5-7 W-F 9a-5p TY  
 Nov 21-23 M-W 9a-5p DC  
 Dec 19-21 M-W 9a-5p TY  
 Feb 1-3 W-F 8:30a-4:30p DC

**5928 Microsoft Project Server \$1,499**  
**2007, Managing Projects**

Initiating projects; planning projects — context and framework, scope and schedule management, staffing management plan, planning projects, and cost, risk, and other management plans; executing projects — processes, resources, deliverables, and managing timesheets and personal settings; monitoring and controlling projects — tracking task and project progress, measuring performance and reporting progress; closing projects.

Oct 17-19 M-W 9a-5p DC  
 Nov 21-23 M-W 9a-5p TY

**5929 Microsoft Project Server \$2,499**  
**2007, Managing Projects and Programs**

Managing enterprise projects, programs, and portfolios; working with the Enterprise Project Management Solution 2007; program management; defining and creating the enterprise environment; setting up and planning the program; managing the resources; tracking timesheets and task progress; performing earned value management; reporting and analyzing the program data; managing project workspaces for programs and the queue; closing the program and refining the environment.

Sep 26-30 M-F 9a-5p TY

**6293 Troubleshooting and \$1,499**  
**Supporting Windows 7 in the Enterprise**

Resolving startup issues, using group policy to centralize configuration, resolving issues for hardware devices and device drivers, resolving network connectivity issues, resolving remote connectivity issues, resolving issues with logon and resource access, resolving issues related to security, resolving issues related to operating systems and applications, resolving performance-related issues, appendix a: implementing a troubleshooting methodology.

Oct 19-21 W-F 9a-5p DC  
 Nov 14-16 M-W 9a-5p TY  
 Dec 7-9 W-F 9a-5p DC  
 Dec 28-30 W-F 9a-4p TY  
 Jan 9-11 M-W 9a-5p TY  
 Feb 8-10 W-F 9a-5p DC  
 Mar 5-7 M-W 9a-5p TY  
 Mar 12-14 M-W 9a-5p DC



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**6331 Deploying and Managing System Center Virtual Machine Manager V2 \$1,499**

Installing System Center Virtual Machine Manager, configuring VM hardware, hosts, and user roles, configuring the VMM self-service portal and library, deploying and managing VMS, converting from physical or virtual platforms, deploying highly available VMS, managing virtual machine checkpoints and updates, implementing monitoring and reporting, monitoring and troubleshooting jobs.

Sep 7-9	W-F	9a-5p	DC
Nov 28-30	M-W	9a-5p	DC
Feb 22-24	W-F	9a-5p	TY

**6416 Updating Your Active Directory Technology Skills to Windows Server 2008 \$2,499**

Installing and configuring Windows Server 2008, Windows deployment services, server core, backup, network policies, Hyper-V, active directory, read-only domain controllers, enterprise PKI active directory certificate services, high availability features, performance monitoring and optimization, and Windows update services.

Sep 12-16	M-F	9a-5p	DC
Oct 24-28	M-F	9a-5p	TY
Dec 12-16	M-F	9a-5p	DC
Jan 9-13	M-F	8:30a-4:30p	TY
Mar 5-9	M-F	9a-5p	DC

**6417 Updating your Application Platform Technology Skills to Windows Server 2008 \$1,499**

Server roles and initial configuration tasks, Internet Information Server (IIS) 7.0 application server, managing web applications with IIS, troubleshooting web servers, introduction to the SharePoint Services 3.0 platform, configuring and managing SharePoint Services, configuring terminal services, managing terminal services, configuring storage.

Aug 31-Sep 2	W-F	9a-5p	DC
Nov 30-Dec 2	W-F	9a-5p	TY
Feb 22-24	W-F	9a-5p	TY

**6418 Deploying Windows Server 2008 \$1,499**

Windows Server 2008 installation and configuration, Windows Server core 2008 configuration, unattended installation, using Windows deployment services, Microsoft deployment toolkit, upgrading and migrating Active Directory, upgrading file and print, web, and remote infrastructure, migrating workloads to Microsoft virtual, configuring Windows Server for performance.

Aug 22-24	M-W	9a-5p	DC
Sep 21-23	W-F	9a-5p	TY
Dec 27-29	Tu-Th	9a-5p	DC
Jan 18-20	W-F	8:30a-4:30p	TY
Mar 5-7	M-W	9a-5p	DC

**6419 Configuring, Managing and Maintaining Windows Server 2008 Servers \$2,499**

Creating Active Directory domain services, creating groups and organizational units, managing access to resources in domain services, configuring objects and trusts, creating and configuring group policy, configuring user environments using group policy, implementing security using group policy, configuring server security compliance, configuring and managing storage technologies and distributed file system, configuring network access protection and availability of network resources, monitoring and maintaining servers, managing backup and restore.

Aug 29-Sep 2	M-F	9a-5p	TY
Oct 17-21	M-F	8:30a-4:30p	DC
Nov 14-18	M-F	9a-5p	TY
Dec 12-16	M-F	9a-5p	DC
Jan 9-13	M-F	9a-5p	TY
Feb 6-10	M-F	9a-5p	DC
Mar 5-9	M-F	9a-5p	TY

**6420 Fundamentals of Windows Server 2008 Network and Applications Infrastructure \$2,499**

Fundamentals of network infrastructure, IT professionals in the enterprise, configuring basic TCP/IPv4, fundamentals of communication technologies, creating IPv4 address spaces, IPv6, administering Windows Server 2008, security, securing network communication, Windows firewall and caching, remote access, routing, network load balancing, configuring print resources and printing pools, server virtualization overview.

Sep 12-16	M-F	9a-5p	DC
Oct 3-13	6:30p-10:30p	M-Th	OLL
Oct 10-14	M-F	9a-5p	TY
Nov 14-18	M-F	9a-5p	DC

Dec 5-9	M-F	9a-5p	TY
Jan 16-20	M-F	9a-5p	TY
Feb 13-17	M-F	9a-5p	DC
Mar 12-16	M-F	9a-5p	TY

**6421 Configuring and Troubleshooting a Windows Server 2008 Network Infrastructure \$2,499**

Installing and configuring servers, configuring and troubleshooting DNS, configuring and managing WINS; configuring and troubleshooting DHCP, IPv6 TCP/IP, and routing and remote access; installing, configuring, and troubleshooting the network policy server role service; configuring network access protection and IPsec; monitoring and troubleshooting IPsec, configuring and managing distributed file system and storage technologies, configuring availability of network resources and content, configuring server security

Aug 22-26	M-F	9a-5p	DC
Sep 12-16		6p-11p	OLL
Sep 19-23	M-F	9a-5p	TY
Oct 17-27	6:30p-10:30p	M-Th	OLL
Oct 24-28	M-F	9a-5p	DC
Nov 7-11		6p-11p	OLL
Nov 28-Dec 2	M-F	9a-5p	TY
Dec 19-23	M-F	8:30a-4:30p	DC
Jan 9-13		6p-11p	OLL
Jan 30-Feb 3	M-F	9a-5p	TY
Feb 27-Mar 2		6p-11p	OLL
Feb 27-Mar 2	M-F	9a-5p	DC
Mar 26-30	M-F	9a-5p	TY

**6422 Implementing and Managing Windows Server 2008 Hyper-V \$1,499**

Configuring Hyper-V settings and virtual networks; remote administration; creating virtual machines and virtual hard drives; virtual machine settings; snapshots, and high availability; migrating virtual machines to Hyper-V; System Center Virtual Machine Manager; managing the SCVMM virtual machine image library and checkpoints; PowerShell and disaster recovery.

Sep 5-8		6p-11p	OLL
Sep 7-9	W-F	9a-5p	DC
Oct 31-Nov 2	M-W	9a-5p	DC
Dec 19-21	M-W	9a-5p	TY
Dec 27-30		6p-11p	OLL
Feb 22-24	W-F	8:30a-4:30p	DC



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**6423 Implementing and Managing Windows Server 2008 Clustering** **\$1,499**

Preparing to install a failover cluster, failover cluster storage requirements, configuring a failover cluster, configuring cluster resources and server roles, maintaining Microsoft failover clusters, implementing geographically dispersed clusters and network load balanced clusters.

Aug 29-31	M-W	9a-5p	TY
Sep 13-15	Tu-Th	9a-5p	DC
Oct 3-5	M-W	8:30a-4:30p	DC
Oct 26-28	W-F	9a-5p	DC
Dec 27-29	Tu-Th	9a-5p	TY
Feb 27-29	M-W	8:30a-4:30p	TY

**6424 Fundamentals of Microsoft Server 2008 Active Directory** **\$1,499**

Exploring Windows Server 2008 Active Directory roles; introduction to domain services, lightweight directory services, certificate services, rights management services, and federation services; creating domain services user and computer objects, and domain services groups and organizational units; managing access to resources in domain services.

Aug 15-17	M-W	9a-5p	TY
Sep 12-14	M-W	9a-5p	DC
Oct 26-28	W-F	8:30a-4:30p	TY
Mar 7-9	W-F	8:30a-4:30p	DC

**6425 Configuring Windows Server 2008 Active Directory Domain Services** **\$2,499**

Installing and configuring Active Directory domain services, configuring objects, trusts, sites, and replication; creating and configuring group policy, configuring user environments using group policy, implementing security using group policy, implementing a domain services monitoring plan and maintenance plan; troubleshooting Active Directory, DNS, and replication issues; troubleshooting group policy issues, implementing a domain services infrastructure.

Sep 12-16	M-F	9a-5p	TY
Oct 10-14	M-F	9a-5p	DC
Oct 31-Nov 10	6:30p-10:30p	M-Th	OLL
Nov 7-11	M-F	9a-5p	TY
Nov 14-18		6p-11p	OLL
Dec 12-16	M-F	9a-5p	DC
Jan 16-20		6p-11p	OLL
Jan 23-27	M-F	9a-5p	TY
Feb 20-24	M-F	9a-5p	DC

Mar 12-16	M-F	8:30a-4:30p	DC
Mar 12-16		6p-11p	OLL

**6426 Configuring Identity and Access Solutions with Windows Server 2008 Active Directory** **\$1,499**

Exploring identity and access solutions, configuring certificate services, deploying and managing certificates; configuring lightweight directory services, federation services, and rights management services; maintenance of access management solutions, troubleshooting identity and access solutions.

Aug 8-11		6p-11p	OLL
Aug 8-10	M-W	9a-5p	DC
Oct 3-5	M-W	9a-5p	TY
Nov 14-17		6:30p-10:30p	OLL
Nov 21-23	M-W	9a-5p	TY
Nov 28-Dec 1		6p-11p	OLL
Dec 19-21	M-W	9a-5p	DC
Jan 23-26		6p-11p	OLL
Mar 19-22		6p-11p	OLL
Mar 21-23	W-F	8:30a-4p	TY

**6427 Configuring and Troubleshooting Internet Information Services 7.0 in Windows Server 2008** **\$1,499**

Configuring an Internet Information Services web server, web sites and application pools, application settings, and modules; securing the web server and web sites, configuring delegation and remote administration, using command-line and scripting for administration, tuning for improved performance, ensuring web site availability with web farms, troubleshooting web servers.

Aug 22-24	M-W	9a-5p	TY
Oct 24-26	M-W	9a-5p	DC
Nov 21-23	M-W	9a-5p	TY
Dec 19-21	M-W	9a-5p	DC
Mar 12-14	M-W	9a-5p	DC

**6428 Configuring and Troubleshooting Windows Server 2008 Terminal Services** **\$999**

Configuring terminal services core functionality, configuring and managing terminal services licensing, configuring and troubleshooting terminal services connections; configuring terminal services resources, web access, and session broker; configuring and troubleshooting terminal services gateway, managing and monitoring terminal services.

Aug 25-26	Th-F	9a-5p	DC
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Oct 6-7	Th-F	9a-5p	TY
Oct 27-28	Th-F	9a-5p	DC
Dec 22-23	Th-F	9a-5p	TY
Feb 2-3	Th-F	9a-5p	TY
Mar 15-16	Th-F	9a-5p	DC

**6430 Planning and Administering Windows Server 2008 Servers** **\$1,499**

Planning for Windows Server 2008 deployment, managing server migration, planning server roles, creating a configuration change plan, managing security, planning for the application server role, planning for high availability, maintaining servers, maintaining a distributed file system, planning backup, managing a restore, monitoring servers, troubleshooting hardware, troubleshooting software problems, troubleshooting networks.

Aug 8-11		6:30p-10:30p	OLL
Sep 28-30	W-F	9a-5p	DC
Oct 19-21	W-F	9a-5p	DC
Nov 28-Dec 1		6:30p-10:30p	OLL
Nov 30-Dec 2	W-F	9a-5p	TY
Dec 12-14	M-W	9a-5p	TY
Jan 4-6	W-F	9a-5p	TY
Feb 6-8	M-W	9a-5p	DC
Mar 19-23	M-W	9a-5p	TY

**6431 Managing and Maintaining Windows Server 2008 Network Infrastructure Servers** **\$999**

Managing a Windows Server 2008 network infrastructure server lifecycle, monitoring Windows Server 2008 infrastructure roles, managing network access protection, managing remote access, managing and maintaining dns and dhcp server roles, maintaining security for network servers.

Oct 20-21	Th-F	9a-5p	TY
Jan 19-20	Th-F	9a-5p	TY

**6432 Managing and Maintaining Windows Server 2008 Active Directory Servers** **\$999**

Managing an Active Directory server lifecycle, creating baselines and monitoring the system health, managing domain services, maintaining security, managing service roles.

Sep 22-23	Th-F	9a-5p	DC
Dec 15-16	Th-F	9a-5p	TY
Mar 8-9	Th-F	9a-5p	DC

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**6434 Automating Windows Server 2008 Administration with Windows PowerShell \$1,499**

Building pipelines for assembly-line style processing; managing processes and formatting cmdlet output; implementing scripts to perform a sequence of operations; implementing flow control and functions; working with files, the registry, and certificate stores; using PowerShell with Windows management instrumentation; administering Active Directory with PowerShell; administering group policy in PowerShell; managing Internet Information Services 7.0.

Aug 24-26 W-F 9a-5p DC  
 Sep 19-21 M-W 9a-5p TY

**6435 Designing a Windows Server 2008 Network Infrastructure \$2,499**

Designing network security, IP addressing, routing and switching, security for internal networks, name resolution, advanced name resolution, network access protection, operating system deployment and maintenance, file services and DFS, high availability, and print services; planning and deploying the application virtualization management system

Aug 8-18 6:30p-10:30p M-Th OLL  
 Oct 3-7 M-F 9a-5p TY  
 Dec 19-23 M-F 9a-5p DC  
 Feb 27-Mar 2 M-F 9a-5p TY

**6436 Designing a Windows Server 2008 Active Directory Infrastructure and Services \$2,499**

Designing an Active Directory forest infrastructure, a domain infrastructure, sites and replication, domain administrative structures, group policy, DS security, high availability, disaster recovery, public key infrastructure, an RMS infrastructure, federation services implementation, LDS implementation, and migrations.

Aug 22-Sep 1 6:30p-10:30p M-Th OLL  
 Aug 29-Sep 2 M-F 9a-5p TY  
 Sep 26-30 M-F 9a-5p DC  
 Oct 31-Nov 4 M-F 9a-5p TY  
 Dec 5-9 M-F 9a-5p DC  
 Feb 6-10 M-F 9a-5p DC

**6437 Designing a Windows Server 2008 Applications Infrastructure \$1,499**

Designing Internet Information Services (IIS) web farms and security; optimizing IIS performance and stability; designing IIS security, IIS maintenance and UDDI, a terminal services infrastructure, a terminal services maintenance strategy, Windows media services infrastructure administration, virtualization infrastructure, and virtualization provisioning.

Sep 5-8 6:30p-10:30p OLL  
 Oct 10-12 M-W 9a-5p TY  
 Jan 4-6 W-F 9a-5p TY  
 Mar 19-21 M-W 9a-5p DC

**6451 Planning, Deploying and Managing Microsoft System Center Configuration Manager 2007 \$2,499**

Planning and deploying a single site architecture and Configuration Manager clients, collecting inventory and metering site usage, querying and reporting data, managing software distribution, deploying operating systems, deploying and managing software updates, working with desired configuration management, using remote tools and wake on LAN features, managing mobile devices, maintaining and troubleshooting Configuration Manager, and configuring a multiple site hierarchy.

Aug 15-19 M-F 9a-5p TY  
 Sep 12-16 M-F 9a-6p TY  
 Oct 31-Nov 4 M-F 8:30a-4:30p DC  
 Dec 19-23 M-F 9a-5p TY  
 Jan 9-13 M-F 9a-5p TY  
 Feb 13-17 M-F 9a-5p DC  
 Mar 5-9 M-F 9a-5p DC

**Microsoft Developer**

**10262 Developing Windows Applications with Microsoft Visual Studio 2010 \$2,499**

Windows client application design, introduction to Visual Studio 2010 and WPF version 4, designing and developing a user interface, taking control of the user interface, testing, unit testing, and debugging, simple data binding and validation, data binding to collections, enhancing UI responsiveness, integrating localization and user assistance features, WPF 2D graphics, multimedia, and printing, control customization, attached properties and behaviors in WPF, animations in WPF, application state, settings, and lifecycle, configure and deploy Windows client applications.

Aug 15-19 M-F 9a-5p DC  
 Oct 10-14 M-F 9a-5p TY  
 Nov 14-18 M-F 9a-5p DC  
 Dec 12-16 M-F 9a-5p TY  
 Jan 23-27 M-F 8:30a-4:30p DC  
 Feb 20-24 M-F 9a-5p TY

**10263 Developing Windows Communication Foundation Solutions with Microsoft Visual Studio 2010 (Beta) \$1,499**

Service-oriented architecture, getting started with WCF development, hosting WCF services, defining and implementing WCF contracts, endpoints and behaviors, testing and troubleshooting WCF services, security, advanced topics.

Aug 29-31 M-W 9a-5p TY  
 Oct 12-14 W-F 8:30a-4:30p TY  
 Nov 9-11 W-F 9a-5p DC  
 Dec 19-21 M-W 9a-5p TY  
 Feb 21-23 Tu-Th 8:30a-4:30p TY



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**10264 Developing Web Applications with Microsoft Visual Studio 2010 \$2,499**

Overview of web application design, designing a web application, developing MVC models, developing MVC controllers, developing MVC views, designing for discoverability, writing server-side code for web forms, optimizing data management for web forms, ensuring quality by debugging, unit testing, and refactoring, securing a web application, applying master pages and CSS, developing client side scripts and services, implementing advanced AJAX in a web application, deploying a web application, developing a web application by using Silverlight.

Aug 8-12	M-F	9a-5p	DC
Sep 19-23	M-F	9a-5p	TY
Oct 31-Nov 4	M-F	8:30a-4:30p	TY
Nov 28-Dec 2	M-F	9a-5p	DC
Dec 12-16	M-F	9a-5p	TY
Jan 9-13	M-F	9a-5p	DC
Feb 6-10	M-F	9a-5p	TY
Mar 12-16	M-F	8:30a-4:30p	DC

**10265 Developing Data Access Solutions with Microsoft Visual Studio 2010 \$2,499**

Architecture and data access technologies, building entity data models, querying entity data, creating, updating, and deleting entity data, handling multi-user scenarios by using object services, building optimized solutions by using object services, customizing entities and building custom entity classes, using POCO classes with the entity framework, building an n-tier solution by using the entity framework, handling updates in an n-tier solution by using the entity framework, building occasionally connected solutions, querying data by using WCF data services, updating data by using WCF data services, using ADO.NET, using LINQ to SQL.

Sep 26-30	M-F	9a-5p	TY
Nov 28-Dec 2	M-F	9a-5p	DC
Jan 23-27	M-F	9a-5p	DC
Mar 19-23	M-F	9a-5p	TY

**10266 Programming with C# using Microsoft .NET Framework 4 \$2,499**

Creating new types, encapsulating data and methods, inheriting from classes, implementing interfaces, managing the lifetime of objects, controlling resources, encapsulating data and defining overloaded operators, decoupling methods and handling events, using collections and building generic types, building and enumerating custom collection classes, Linq to query data, integrating Visual C# code.

Aug 15-19	M-F	9a-5p	DC
Sep 12-16	M-F	9a-5p	DC
Oct 10-14	M-F	9a-5p	TY
Nov 14-18	M-F	9a-5p	DC
Dec 5-9	M-F	9a-5p	TY
Jan 16-20	M-F	9a-5p	DC
Feb 20-24	M-F	9a-5p	TY
Mar 26-30	M-F	9a-5p	DC

**10267 Introduction to Web Development with Microsoft Visual Studio 2010 \$2,499**

Exploring Microsoft ASP.NET web applications in Microsoft Visual Studio 2010, creating web applications by using Microsoft Visual Studio 2010 and Microsoft .NET-based languages, creating a Microsoft ASP.NET web form, adding functionality to a Microsoft ASP.NET web form, implementing master pages and user controls, validating user input, troubleshooting Microsoft ASP.NET web applications, managing data in an Microsoft ASP.NET 4.0 web application, managing data access tasks by using linq, managing data by using Microsoft ASP.NET dynamic data, creating a Microsoft ASP.NET ajax-enabled web forms application, consuming Microsoft Windows communication foundation services, managing state in web applications, configuring and deploying a Microsoft ASP.NET web application, securing a Microsoft ASP.NET web application, implementing advanced technologies supported by Microsoft Visual Studio 2010 for web development.

Aug 22-26	M-F	9a-5p	DC
Oct 3-7	M-F	9a-5p	DC
Oct 24-28	M-F	9a-5p	TY
Nov 14-18	M-F	9a-5p	DC
Dec 5-9	M-F	8:30a-4:30p	TY
Jan 9-13	M-F	9a-5p	TY
Feb 13-17	M-F	9a-5p	DC
Mar 5-9	M-F	9a-5p	TY

**10325 Automating Administration with Windows PowerShell 2.0 \$2,499**

Fundamentals for using Windows PowerShell v2, core Windows PowerShell CMDlets, understanding and using the formatting system, Windows management instrumentation, automating Active Directory administration, Windows PowerShell scripts, background jobs and remote administration, intermediate scripting, error handling, debugging, and modularization, automating Windows Server 2008 R2 administration, advanced Windows PowerShell tips and tricks, practical administrative automation.

Aug 29-Sep 2	M-F	9a-5p	TY
Oct 17-21	M-F	9a-5p	DC
Nov 14-18	M-F	9a-5p	TY
Dec 19-23	M-F	9a-5p	DC
Jan 9-13	M-F	9a-5p	TY
Feb 13-17	M-F	9a-5p	DC
Mar 19-23	M-F	9a-5p	TY

**10533 Deploying, Configuring, and Administering Microsoft Lync Server 2010 \$2,499**

Features and architecture of Microsoft Lync server 2010, deploying Microsoft Lync server 2010, configuring users and rights in Microsoft Lync server 2010, client and device deployment and management, external user access, configuring basic enterprise

Oct 10-14	M-F	9a-5p	DC
Nov 7-11	M-F	9a-5p	TY
Dec 5-9	M-F	9a-5p	DC
Jan 9-13	M-F	9a-5p	DC
Feb 6-10	M-F	9a-5p	TY
Mar 19-23	M-F	9a-5p	DC

**10534 Planning and Designing a Microsoft Lync Server 2010 Solution \$2,499**

Overview of Exchange 2010 unified messaging, Exchange 2010 unified messaging architecture, Exchange 2010 unified messaging setup and language support, upgrading Exchange Server 2007 to Exchange 2010 unified messaging, call answering rules, voice mail prev

Feb 6-10	M-F	8:30a-4:30p	DC
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**10550 Programming in Visual Basic with Microsoft® Visual Studio® 2010 \$2,499**

Using visual basic programming constructs, declaring and calling methods, handling exceptions, reading and writing files, creating new types, encapsulating data and methods, inheriting from classes and implementing interfaces, managing the lifetime of objects and controlling resources, encapsulating data and defining overloaded operators, decoupling methods and handling events, using collections and building generic types, building and enumerating custom collection classes, using LINQ to query data, integrating visual basic code with dynamic languages and com components.

Oct 24-28	M-F	9a-5p	TY
Dec 5-9	M-F	9a-5p	DC
Jan 16-20	M-F	9a-5p	TY
Feb 27-Mar 2	M-F	9a-5p	DC

**2310 Developing Microsoft ASP.NET Web Applications Using Visual Studio .NET \$2,499**

Creating a web form, tracing, validating user input, creating user controls, accessing data with ADO.NET or Visual Studio, reading and writing XML data, creating XML web services, managing state, deploying and securing an application.

Aug 29-Sep 2	M-F	9a-5p	TY
Sep 26-30	M-F	9a-5p	DC
Nov 14-18	M-F	9a-5p	TY
Nov 28-Dec 2	M-F	9a-5p	DC
Jan 23-27	M-F	9a-5p	TY
Feb 27-Mar 2	M-F	8:30a-4:30p	TY

**2433 Visual Basic Script and Windows Script Host Essentials \$1,499**

Overview of Windows scripting technologies, objects in VBScript and WSH, script logic, error handling and debugging, ADSI, creating logon scripts, administrative script, WMI.

Aug 31-Sep 2	W-F	9a-5p	DC
Sep 7-9	W-F	9a-5p	TY
Nov 21-23	M-W	9a-5p	DC
Jan 30-Feb 1	M-W	9a-5p	DC

**2956 Foundations of Microsoft .NET 2.0 Development \$1,499**

Implementing system types and interfaces, implementing collections and generics, configuring and installing assemblies, monitoring and debugging applications, reading and writing files, serializing data, implementing delegates and events.

Aug 22-24	M-W	9a-5p	TY
Sep 28-30	W-F	9a-5p	DC
Oct 26-28	W-F	9a-5p	TY

**2957 Advanced Foundations of Microsoft .NET 2.0 Development \$1,499**

Creating globalized applications, working with GDI+ in Windows-based applications, implementing code access security, implementing cryptography, interoperating between COM components and assemblies, working with service applications and e-mail messages, working with type metadata, creating multithreaded applications and application domains.

Aug 22-24	M-W	9a-5p	DC
Sep 6-8	Tu-Th	9a-5p	TY
Nov 21-23	M-W	9a-5p	DC
Dec 27-29	Tu-Th	9a-5p	TY

**4994 Introduction to Programming .NET Applications with Microsoft Visual Studio 2005 (Visual Basic) \$2,499**

Creating a simple Windows forms application, programming fundamentals, data types and variables, controlling program execution, fundamentals of object-oriented programming, creating object-oriented applications, building a user interface, validating user input, debugging and exception handling, accessing data, creating web applications and XML web services, exploring .NET Framework 3.0 technologies, testing and deploying Microsoft .NET Framework applications.

Aug 29-Sep 2	M-F	9a-5p	TY
Sep 26-30	M-F	9a-5p	DC
Oct 31-Nov 4	M-F	9a-5p	TY
Dec 5-9	M-F	9a-5p	DC
Jan 16-20	M-F	9a-5p	TY
Mar 5-9	M-F	9a-5p	DC

**4995 Programming with the .NET Framework using Visual Studio 2005 (Visual Basic) \$2,499**

Overview of the Microsoft .NET Framework, creating applications with Visual Studio 2005, examining language and syntax features, essentials and advanced object-oriented programming, security in the .NET Framework, accessing data by using ADO.NET, building Windows presentation foundation applications, creating distributed applications, monitoring .NET Framework applications by using instrumentation, compiling, testing, and deploying .NET Framework applications, interoperating with unmanaged code, software design and development.

Oct 3-7	M-F	9a-5p	TY
Nov 14-18	M-F	9a-5p	DC
Dec 12-16	M-F	9a-5p	TY
Feb 6-10	M-F	9a-5p	DC

**50064 Advanced SharePoint Development \$2,499**

Custom authentication, SharePoint permissions, in-browser customization, SharePoint Designer, content types, site definitions, web services API, web part development, client side scripts and AJAX, custom field types, shared services, SharePoint events, workflows, ASP.NET localization, business data catalog, business intelligence.

Aug 29-Sep 2	M-F	9a-5p	TY
Sep 26-30	M-F	9a-5p	DC
Nov 28-Dec 2	M-F	9a-5p	TY

**50197 Developing Web Applications using Microsoft Silverlight 2.0 \$1,499**

Building the user interface, customizing appearance, graphics and multimedia, animating Silverlight, managed and unmanaged Silverlight code, Silverlight service architecture, Silverlight data access, packaging and deploying Silverlight.

Sep 6-8	Tu-Th	9a-5p	DC
Nov 21-23	M-W	9a-5p	TY

**50279 Silverlight 3 Development \$1,499**

Introduction to Silverlight 3 development, editing tools, architecture, XAML.

Sep 26-28	M-W	9a-5p	TY
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**50351 SharePoint 2010 Overview for Developers \$999**

User interface, Visual Studio 2010, sandboxed solutions, LINQ and REST client object model, business connectivity services, workflows, claims based authentication

Aug 25-26 Th-F 9a-5p TY  
 Sep 19-20 M-Tu 9a-5p DC  
 Jan 19-20 Th-F 8:30a-4:30p TY

**50353 SharePoint 2010 Overview for IT Professionals \$1,499**

Service applications, powershell, monitoring, search, backup restore disaster recovery, install and upgrading.

Sep 7-9 W-F 9a-5p DC  
 Oct 31-Nov 2 M-W 9a-5p DC  
 Dec 19-21 M-W 9a-5p TY  
 Feb 29-Mar 2 W-F 9a-5p DC

**50430 Administering Team Foundation Server 2010 \$1,499**

Planning and deploying TFS 2010, configuration and operations of TFS 2010, client connectivity, customization of team projects, administering version control, upgrading, migrating, and integration, advanced administration, backup, restore and monitoring TFS 2010

Aug 15-17 M-W #Func! DC  
 Oct 5-7 W-F 9a-5p TY  
 Nov 21-23 M-W 9a-5p DC  
 Nov 21-23 M-W 9a-5p DC

**6214 Effective Team Development using Microsoft Visual Studio Team System \$1,499**

Application lifecycle management, using Visual Studio Team System in a team, project management, designing and developing a software solution in Visual Studio Team System, version control in parallel development, advanced analyzing tasks, testing.

Aug 8-10 M-W 9a-5p TY  
 Sep 26-28 M-W 9a-5p DC

**6215 Implementing and Administering Microsoft Visual Studio 2008 Team Foundation Server \$999**

Installing and configuring Microsoft Team Foundation Server (TFS), administering TFS instances and team projects, administering and customizing process templates, administering version control, administering team foundation build, managing team project and reporting.

Aug 11-12 Th-F 9a-5p DC  
 Sep 29-30 Th-F 9a-5p TY  
 Oct 20-21 Th-F 9a-5p DC

**6367 Introduction to Object Oriented Programming using Microsoft Visual Studio 2008 (Beta) \$1,499**

Object-Oriented Programming,Implementing Classes,Properties and Methods, Implementing Inheritance, Abstraction, and Polymorphism,Implementing Interfaces,Designing Object-Oriented Structures,Implementing Delegates, Events, and Exceptions,Designing Object Collaboration,Deploying Components and Class Libraries

Aug 24-26 W-F 9a-5p DC  
 Oct 3-5 M-W 9a-5p TY  
 Nov 2-4 W-F 9a-5p DC  
 Dec 19-21 M-W 9a-5p TY  
 Feb 8-10 W-F 9a-5p DC  
 Mar 26-28 M-W 9a-5p TY  
 Sep 19-23 M-F 9a-5p TY  
 Nov 28-Dec 2 M-F 9a-5p DC  
 Jan 23-27 M-F 9a-5p DC  
 Mar 19-23 M-F 9a-5p TY

**6460 Visual Studio 2008 Connected Systems: Windows Presentation Foundation (Visual Basic) \$1,499**

Creating an application by using Windows Presentation Foundation (WPF), building user interfaces, customizing appearance, data binding, data binding to collections, creating new controls, managing documents, graphics and multimedia, configuring and deploying applications in WPF.

Oct 31-Nov 2 M-W 9a-5p DC  
 Dec 19-21 M-W 9a-5p TY  
 Feb 27-29 M-W 9a-5p TY

**6461 Visual Studio 2008 Connected Systems: Windows Communication Foundation (Visual Basic) \$1,499**

Configuring and hosting Windows Communication Foundation (WCF) services, endpoints and behaviors, debugging and diagnostics, designing and defining contracts, handling errors, improving WCF service quality, implementing WCF security, implementing transactions.

Oct 31-Nov 2 M-W 9a-5p DC  
 Dec 19-21 M-W 9a-5p TY

**6462 Visual Studio 2008 Connected Systems: Windows Workflow Foundation (Visual Basic) \$999**

Creating and hosting workflows; applying conditions and rules; communicating with workflows; creating and configuring custom activities; creating and managing runtime services; managing faults, cancellations, transactions, and compensations.

Aug 4-5 Th-F 9a-5p TY  
 Nov 3-4 Th-F 9a-5p DC  
 Jan 30-31 M-Tu 9a-5p DC

**6463 Visual Studio 2008: ASP.NET 3.5 \$999**

Implementing a user interface with ASP.NET server controls, displaying and manipulating data, creating responsive pages by using client-side technologies, debugging and deploying applications, writing applications for mobile devices.

Aug 29-30 M-Tu 9a-5p TY  
 Sep 29-30 Th-F 9a-5p DC  
 Oct 3-4 M-Tu 9a-5p TY  
 Nov 10-11 Th-F 9a-5p DC  
 Dec 5-6 M-Tu 9a-5p TY  
 Feb 6-7 M-Tu 9a-5p TY  
 Mar 29-30 Th-F 9a-5p DC

**6464 Visual Studio 2008: ADO.NET 3.5 \$999**

Modifying data using ADO.NET commands, using datasets to query and maintain data, querying and maintaining data using LINQ, implementing an entity model using the ADO.NET entity framework, using synchronization services to build occasionally connected solutions.

Aug 31-Sep 1 W-Th 9a-5p TY  
 Dec 7-8 W-Th 9a-5p DC



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Feb 20-21 M-Tu 9a-5p TY

## Microsoft SQL Server

SQL Querying - Level 1 \$499

### Fundamentals of Querying

Executing a simple query, performing a conditional search, working with functions, organizing data, retrieving data from tables, presenting query results.

Aug 23 Tue 9a-5p TY

Oct 17 Mon 9a-5p TY

Nov 11 Fri 9a-5p TY

Dec 21 Wed 8:30a-4:30p DC

Jan 4-6 Wed 9a-5p TY

Feb 2 Thu 8:30a-4:30p TY

Feb 29 Wed 9a-5p DC

10337 Updating Your \$1,499

### Microsoft SQL Server 2008 BI Skills to SQL Server 2008 R2

Oct 19-21 W-F 9a-5p TY

Nov 28-30 M-W 9a-5p DC

Feb 6-8 M-W 9a-5p DC

SQL Querying - Level 2 \$499

### Advanced Querying

Using Subqueries to perform advanced qQuerying, manipulating table data and the table structure, working with views, indexing data, managing transactions.

Sep 6 Tue 9a-5p TY

Oct 7 Fri 9a-5p DC

Nov 1 Tue 8:30a-4:30p TY

Dec 6 Tue 9a-5p TY

Dec 22 Thu 8:30a-4:30p DC

Jan 13 Fri 9a-5p TY

Mar 9 Fri 9a-5p DC

2778 Writing Queries Using \$1,499

### Microsoft SQL Server Transact-SQL

Performing basic queries; grouping and summarizing data; joining data from multiple tables; working with subqueries; modifying data; querying metadata, XML, and full-text indexes; using programming objects for data retrieval; using advanced querying techniques.

Sep 6-7 Tu-Th 9a-5p TY

Oct 24-26 M-W 9a-5p TY

Nov 21-23 M-W 8:30a-4:30p DC

Dec 19-21 M-W 9a-5p TY

Jan 18-20 W-F 9a-5p DC

Feb 14-Mar 1 Tu-Th 9a-5p TY

Mar 14-16 W-F 8:30a-4:30p DC

2779 Implementing a \$2,499

### Microsoft SQL Server 2005 Database

Creating databases, database files, types, and tables; using XML; creating and tuning indexes; implementing data integrity and managed code; creating views, stored procedures, and functions; using service broker.

Sep 12-16 M-F 9a-5p TY

Oct 24-28 M-F 9a-5p TY

Dec 12-16 M-F 9a-5p DC

2780 Maintaining a Microsoft \$2,499

### SQL Server 2005 Database

Installation and configuration, managing databases and files, managing security, disaster recovery, monitoring SQL Server, automating administrative tasks, maintaining high availability, replication.

Aug 15-19 M-F 9a-5p TY

Sep 26-30 M-F 9a-5p DC

Dec 19-23 M-F 9a-5p TY

50027 Querying and \$999

### Processing SQL Server Data Using Microsoft SQL Server

SQL query basics; working with views; advanced SQL query tactics; data manipulation statements; working with procedures; task-oriented queries.

Aug 15-16 M-Tu 9a-5p DC

Sep 22-23 Th-F 9a-5p TY

Oct 31-Nov 1 M-Tu 9a-5p DC

Dec 15-16 Th-F 9a-5p TY

Feb 9-10 Th-F 9a-5p DC

Mar 26-27 M-Tu 9a-5p TY

50350 Developing Spatial Data \$499

### Solutions With Microsoft SQL Server 2008

Spatial data operations, spatial data indexes, spatial data and Bing maps.

Aug 11 Thu 9a-5p DC

50400 Designing, Optimizing, \$2,499  
and Maintaining a Database  
Administrative Solution for  
Microsoft SQL Server 2008

Designing an administrative solution for SQL Server 2008, deploying SQL Server 2008, designing the physical structure of SQL Server 2008, designing a strategy for maintaining a database in SQL Server 2008, designing solutions for managing SQL Server 2008,

Nov 7-11 M-F 9a-5p DC

Jan 23-27 M-F 9a-5p TY

50401 Designing and \$2,499

### Optimizing Database Solutions with Microsoft SQL Server 2008

Dec 5-9 M-F 9a-5p TY

Feb 20-24 M-F 9a-5p DC

6158 Updating Your SQL \$1,499

### Server 2005 Skills to SQL Server 2008

SQL Server 2008 enhancements in manageability, performance, security, database development, availability, data warehousing, reporting services, and analysis services.

Sep 28-30 W-F 9a-5p TY

Nov 21-23 M-W 9a-5p DC

Feb 13-15 M-W 9a-5p TY

6231 Maintaining a Microsoft \$2,499

### SQL Server 2008 Database

Installing and configuring SQL Server; managing databases and files; disaster recovery; managing security; transferring data; automating administrative tasks; implementing replication; maintaining high availability; monitoring SQL Server; troubleshooting and performance tuning.

Sep 12-16 M-F 9a-5p TY

Oct 3-7 M-F 8:30a-4:30p DC

Nov 28-Dec 2 M-F 8:30a-4:30p TY

Dec 12-16 M-F 9a-5p TY

Jan 23-27 M-F 9a-5p TY

Feb 20-24 M-F 9a-5p DC

Mar 19-23 M-F 9a-5p TY



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**6232 Implementing a Microsoft SQL Server 2008 Database** **\$2,499**

Creating databases, database files, and data types and tables; creating and tuning indexes, implementing data integrity by using constraints and triggers; using XML; implementing views, stored procedures, functions, and managed code; managing transactions and locks; using service broker.

Aug 22-26	M-F	9a-5p	DC
Sep 26-30	M-F	9a-5p	TY
Oct 31-Nov 4	M-F	8:30a-4:30p	DC
Nov 28-Dec 2	M-F	9a-5p	DC
Dec 19-23	M-F	9a-5p	TY
Jan 16-20	M-F	9a-5p	DC
Feb 6-10	M-F	9a-5p	DC
Mar 12-16	M-F	9a-5p	TY

**6234 Implementing and Maintaining Microsoft SQL Server 2008 Analysis Services** **\$1,499**

Building pipelines for assembly-line style processing, managing processes and formatting cmdlet output, implementing scripts to perform a sequence of operations, implementing flow control and functions; working with files, the registry, and certificate stores; using PowerShell with WMI, administering Active Directory with PowerShell, administering group policy in PowerShell, managing Internet Information Services 7.0.

Sep 7-9	W-F	9a-5p	DC
Oct 10-12	M-W	9a-5p	DC
Nov 7-9	M-W	9a-5p	TY
Dec 5-7	M-W	9a-5p	TY
Jan 25-27	W-F	9a-5p	DC
Feb 13-15	M-W	9a-5p	TY
Mar 21-23	W-F	9a-5p	DC

**6235 Implementing and Maintaining Microsoft SQL Server 2008 Integration Services** **\$1,499**

Developing integration services solutions; implementing control flow, data flow, logging, debugging and error handling, implementing checkpoints and transactions; configuring, deploying, managing and securing packages.

Aug 10-12	W-F	9a-5p	TY
Sep 12-14	M-W	9a-5p	DC
Oct 11-13	Tu-Th	9a-5p	TY
Nov 16-18	W-F	8:30a-4:30p	TY
Dec 28-30	W-F	9a-5p	DC
Jan 30-Feb 1	M-W	9a-5p	TY

Feb 27-29	M-W	9a-5p	DC
Mar 28-30	W-F	9a-5p	TY

**6236 Implementing and Maintaining Microsoft SQL Server 2008 Reporting Services** **\$1,499**

Authoring and enhancing basic reports, manipulating data sets, using report models, publishing and executing reports, using subscriptions to distribute reports, administering reporting services, programming reporting services.

Sep 7-9	W-F	9a-5p	TY
Oct 3-5	M-W	9a-5p	DC
Nov 21-23	M-W	9a-5p	DC
Dec 19-21	M-W	8a-5p	TY
Jan 4-6	W-F	9a-5p	DC
Jan 30-Feb 1	M-W	9a-5p	TY
Mar 5-7	M-W	9a-5p	TY

**6317 Upgrading Your SQL Server 2000 Skills to SQL Server 2008** **\$1,499**

Introduction to SQL Server 2008, installing and upgrading to SQL Server 2008, storage enhancements, administration enhancements, security enhancements, disaster recovery, high availability, replication enhancements, policy-based management, monitoring enhancements, SQL Server 2008 performance.

Sep 12-14	M-W	9a-5p	DC
Dec 14-16	W-F	9a-5p	TY
Mar 7-9	W-F	9a-5p	DC

**Microsoft SharePoint**

**10174 Configuring and Managing Microsoft SharePoint 2010** **\$2,499**

Creating a SharePoint 2010 intranet, administering and automating SharePoint, configuring content management, configuring authentication, securing content, managing SharePoint customizations, configuring and securing SharePoint Services and applications, managing SharePoint Services and applications, configuring user profiles and social networking, administering SharePoint search, installing and upgrading to SharePoint 2010, implementing business continuity, monitoring and optimizing SharePoint performance.

Aug 8-12	M-F	9a-5p	DC
Sep 19-23	M-F	9a-5p	TY
Oct 17-21	M-F	8:30a-4:30p	DC

Nov 14-18	M-F	9a-5p	DC
Dec 12-16	M-F	8:30a-4:30p	TY
Jan 23-27	M-F	8:30a-4:30p	DC
Mar 5-9	M-F	8:30a-4:30p	TY

**10175 Developing and Customizing Applications for Microsoft SharePoint 2010** **\$2,499**

Using SharePoint 2010 developer tools, developing SharePoint 2010 web parts, working with SharePoint objects on the server, creating event receivers and application settings, developing solutions by using business connectivity services, developing SharePoint 2010 workflows, working with client-based apis for SharePoint 2010, developing interactive user interfaces, developing silverlight applications for SharePoint, developing sandboxed solutions, working with SharePoint server profiles and taxonomy apis, developing content management solutions.

Sep 19-23	M-F	9a-5p	TY
Oct 3-7	M-F	9a-5p	TY
Nov 7-11	M-F	8:30a-4:30p	DC
Dec 12-16	M-F	9a-5p	DC
Jan 16-20	M-F	9a-5p	TY
Feb 13-17	M-F	8:30a-4:30p	DC
Mar 26-30	M-F	8:30a-4:30p	TY

**10231 Designing a Microsoft SharePoint 2010 Infrastructure** **\$2,499**

Designing a logical architecture, planning a service application architecture, planning for performance and capacity, designing a physical architecture, designing a security plan, planning authentication, planning managed metadata, planning for social computing, designing an enterprise search strategy, planning an enterprise content management strategy, planning a SharePoint 2010 implementation of an existing business intelligence strategy, developing a plan for governance, designing an operations and maintenance plan, planning for disaster recovery, planning for upgrade to SharePoint 2010.

Aug 29-Sep 2	M-F	9a-5p	TY
Oct 31-Nov 4	M-F	9a-5p	DC
Nov 28-Dec 2	M-F	9a-5p	TY
Dec 19-23	M-F	9a-5p	DC
Jan 16-20	M-F	9a-5p	DC
Feb 13-17	M-F	9a-5p	TY
Mar 12-16	M-F	9a-5p	DC

View course outlines or register for classes at [www.dcnnewhorizons.com](http://www.dcnnewhorizons.com). To speak with an account executive call (703) 749-4030.



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**10232 Designing and Developing Microsoft SharePoint Server 2010 Applications** **\$2,499**

Advanced ASP.NET concepts for SharePoint, designing for user experience, designing for data, designing data capture and integration, designing artefacts, designing processing solutions, designing packaging, designing a development strategy, developing versioning and deployment, designing information architecture and navigation, designing branding and customization, designing security, designing for page and data access performance, designing testing strategy.

Aug 22-26	M-F	9a-5p	DC
Sep 19-23	M-F	9a-5p	TY
Oct 10-14	M-F	8:30a-4:30p	TY
Dec 5-9	M-F	9a-5p	TY
Jan 30-Feb 3	M-F	8:30a-4:30p	DC
Mar 5-9	M-F	9a-5p	TY

**50047 Advanced IT Pro Course for SharePoint Server 2007 and SharePoint Services 3.0** **\$2,499**

SharePoint technologies server farm architecture; configuring, securing, and backing up SharePoint technologies; capacity planning; customization; configuring forms and the Business Data Catalog.

Aug 29-Sep 2	M-F	9a-5p	TY
Sep 12-16	M-F	9a-5p	DC

**50146 Programming Microsoft Office SharePoint Server** **\$2,499**

Overview, document policies, records management, content management, Infopath forms services, excel services, business data catalog, business intelligence, document converters, user profiles, audiences, search.

Aug 22-26	M-F	9a-5p	TY
Sep 12-16	M-F	9a-5p	DC
Nov 14-18	M-F	9a-5p	DC

**50352 SharePoint 2010 Overview for End Users** **\$1,499**

SharePoint collaboration experience, lists, list management, permissions, SharePoint foundation site definitions, SharePoint server site definitions, office integration, my site.

Aug 15-17	M-W	9a-5p	DC
Sep 21-23	W-F	9a-5p	TY
Oct 17-19	M-W	9a-5p	DC
Dec 5-7	M-W	9a-5p	TY

Jan 30-Feb 1	M-W	9a-5p	DC
Feb 22-24	W-F	8:30a-4:30p	DC
Mar 26-28	M-W	9a-5p	TY

**50354 SharePoint 2010 SharePoint Designer** **\$999**

2010 changes, user interface, data views, external content types, workflows.

Aug 18-19	Th-F	9a-5p	DC
Oct 20-21	Th-F	9a-5p	DC
Dec 29-30	Th-F	9a-5p	TY
Feb 2-3	Th-F	9a-5p	TY
Mar 29-30	Th-F	9a-5p	DC

**50470 Microsoft SharePoint Server 2010 for the Site Owner/Power User** **\$999**

The role of the site owner, SharePoint review , using and customizing lists , creating forms libraries , creating web pages , sites and workspaces , users and groups , activity .

Aug 29-30	M-Tu	9a-5p	TY
Sep 8-9	Th-F	9a-5p	DC
Oct 10-11	M-Tu	9a-5p	TY
Nov 10-11	Th-F	9a-5p	DC
Dec 12-13	M-Tu	9a-5p	TY
Jan 12-13	Th-F	9a-5p	TY
Jan 12-13	Th-F	9a-5p	DC
Feb 9-10	Th-F	9a-5p	DC
Feb 9-10	Th-F	9a-5p	TY
Feb 27-28	M-Tu	9a-5p	TY
Feb 27-28	M-Tu	9a-5p	DC
Mar 15-16	Th-F	9a-5p	DC
Mar 15-16	Th-F	9a-5p	TY

**5060 Implementing Windows SharePoint Services 3.0** **\$999**

Planning the SharePoint Services environment, installing SharePoint Services, upgrading from SharePoint Services 2.0 to 3.0, and managing SharePoint Services.

Aug 15-16	M-Tu	9a-5p	DC
Sep 12-13	M-Tu	9a-5p	TY
Dec 5-6	M-Tu	9a-5p	DC
Feb 27-28	M-Tu	9a-5p	TY

**5061 Implementing SharePoint Server 2007** **\$1,499**

Planning and designing for SharePoint Server; deploying and administering SharePoint Server; implementing portal solutions, content management solutions, business intelligence solutions, and searching and indexing; maintaining and optimizing SharePoint Server.

Aug 17-19	W-F	9a-5p	TY
Sep 14-16	W-F	9a-5p	DC
Dec 7-9	W-F	9a-5p	DC
Feb 29-Mar 2	W-F	9a-5p	DC

**6438 Implementing and Administering SharePoint Services 3.0 in Windows Server 2008** **\$999**

Planning and installing Microsoft Windows SharePoint Services 3.0, administering and managing SharePoint Services servers, site administration, working with Windows SharePoint Services 3.0.

Sep 12-13	M-Tu	9a-5p	TY
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**Other Training**

**Business Skills**

**QuickBooks 2010 - Level 1** **\$325**

Entering company details, building Quickbooks lists, managing inventory, recording product sales, creating service invoices, managing bank accounts.

Dec 6	Tue	8:30a-4:30p	DC
Mar 28	Wed	8:30a-4:30p	TY

**QuickBooks 2010 - Level 2** **\$325**

Creating estimates, recording business assets and liabilities, processing sales tax, creating and modifying reports, processing payroll manually, examining accuracy of data, integrating other applications with QuickBooks.

Dec 13	Tue	8:30a-4:30p	DC
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**QuickBooks 2011 - Level 1** **\$325**

Getting started, setting up a company, working with lists, setting up inventory, selling your product, invoicing for services, processing payments, working with bank accounts, entering and paying bills.

Sep 13	Tue	9a-5p	TY
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August 4, 2011

## Online Marketing

### Social Media Marketing **\$3,500**

Blogging for business; video and YouTube; a practical guide to social news networking; twitter tips, tools, and strategies; Facebook; viral marketing; Flickr; LinkedIn; online press releases

Aug 31-Nov 8	Tue 3p-4p OLL
Sep 27-Dec 6	Tue 1p-2p OLL
Oct 25-Jan 3	Tue 2p-3p OLL
Dec 12-Mar 6	Tue 3p-4p OLL

### Search Engine Optimization (SEO) **\$3,500**

SEO fundamentals and best practices; SEO design & architecture: foundations of quality SEO; keyword research and competitive analysis; SEO copywriting; link-building strategies; techniques and tools; optimizing for local search results; optimizing for mobile search results; SEO project management

Sep 2-Nov 25	Fri 3p-4p OLL
Sep 30-Dec 3	Fri 1p-2p OLL
Oct 28-Jan 27	Fri 2p-3p OLL
Dec 13-Feb 2	Fri 3p-4p OLL

### Web Analytics **\$3,500**

Key performance indicators (KPIs); advanced KPI analysis techniques; segmentation: introduction and advanced segmentation techniques; Google analytics features: segmentation; generating engaging and actionable web analytics reports; generating valuable data from internal search analytics; website surveys part 1: the basics; experimentation and testing: why you can't survive without it; experimentation and testing demystified; A/B and multivariate testing; multi-channel analytics: going beyond the website

Aug 29-Nov 7	Mon 3p-4p OLL
Sep 26-Dec 5	Mon 1p-2p OLL
Oct 24-Jan 2	Mon 2p-3p OLL
Dec 12-Mar 5	Mon 3p-4p OLL

### Pay Per Click (PPC) Advertising **\$3,500**

How the PPC machine works; PPC basics and fundamentals; your first campaign: keyword lists and campaign structure; Adwords editor; landing page design; content networks; pre-launch checklist for Adwords campaigns

Aug 9-Nov 1	Tue 2p-3p OLL
Sep 13-Nov 2	Tue 3p-4p OLL
Oct 11-Dec 27	Tue 1p-2p OLL
Nov 8-Jan 24	Tue 2p-3p OLL

Jan 4-Mar 20 Tue 3p-4p OLL

### Conversion Optimization **\$3,500**

Developing an optimization framework; understanding your customers: the four personas; the testing cycle: why landing pages work; establishing credibility with your users; maintaining scent; attention interest decision satisfaction (AIDAS); optimizing web copy; the voice of the customer; conversion optimization toolbox

Aug 11-Nov 3	Thu 2p-3p OLL
Sep 15-Dec 2	Thu 3p-4p OLL
Oct 13-Jan 13	Thu 1p-2p OLL
Nov 10-Feb 1	Thu 2p-3p OLL
Jan 5-Mar 15	Thu 3p-4p OLL

## Project Management

### Project Management Fundamentals **\$325**

Project life cycle and project team; risk management; project plans, schedule, budget, tracking and control, reports, close-out.

Oct 28	Fri	9a-5p DC
Jan 30	Mon	9a-5p TY

### Project Management Professional Certification **\$2,999**

Examining professional project management; initiating a project; planning project work; developing project schedules; developing cost estimates and budgets; planning project quality, staffing, and communications; analyzing risks and planning risk responses; planning project procurement; executing project work; managing project procurement; monitoring and controlling project work, project schedule and costs, project performance and quality, and project risk and procurements; closing the project.

Sep 12-16	M-F	9a-5p TY
Oct 10-14	M-F	9a-5p DC
Nov 7-11	M-F	9a-5p TY
Dec 5-9	M-F	9a-5p DC
Jan 23-27	M-F	9a-5p DC
Feb 20-24	M-F	9a-5p TY
Mar 19-23	M-F	9a-5p DC