



**OFFICE OF THE PURCHASING AGENT
COUNTY OF COOK**

118 NORTH CLARK ST. ROOM 1018
CHICAGO, ILLINOIS 60602-1375
(312) 603-5370

THIS PURCHASE ORDER NUMBER
MUST APPEAR ON ALL PACKAGES,
INVOICES, SHIPPING PAPERS AND
DROP SHIPMENTS.

PURCHASE ORDERED ISSUED TO
824403

New Horizons Computer Learning Cen
200 W Monroe Ste 900
Chicago IL 60606

DATE
10/1/2012
F.O.B. POINT

PURCHASE ORDER NO.
182022 - 000- OP
REQUISITION NO.
00103821 OR

**COOK COUNTY FEIN: 36-6006541
ILLINOIS SALES TAX EXEMPT: E-9998-2013-04
FEDERAL EXCISE TAX EXEMPT CERT: 36-75-D038K**

SHIP TO Treasurer - Chicago Downtown Branch
Cook County Building
118 N. Clark Street RM 112
Chicago IL 60602-1304

DELIVERY INSTRUCTIONS
Andy Waclaw Treasurer's Office 118 N.
Clark Street Rm. 212

DEPT NO	
5341897	Page 1 of 1

LINE	FURNISH THE FOLLOWING SUPPLIES AND/OR SERVICE	QUANTITY/ UOM	UNIT PRICE	EXTENDED PRICE	ACCOUNT NUMBER
1.00	6231 Maintaining Microsoft SQL Server 2008 Database Training	1.00 EA	2,083.3300	2,083.33	5341897.501930
2.00	10264A Developing Web App. Visual Studio 2010 Training	1.00 EA	2,083.3300	2,083.33	5341897.501930
3.00	Microsoft SharePoint Designer 2010 Training As per Vendor Quote dated September 28, 2012.	1.00 EA	833.3300	833.33	5341897.501930
***** Total Order *****				4,999.99	

NOTE: VENDOR AGREES NOT TO EXCEED THE QUANTITY OR DOLLAR AMOUNT OF THIS ORDER WITHOUT WRITTEN AUTHORIZATION FROM THE PURCHASING AGENT

RECEIPT CERTIFICATION (FOR DEPARTMENT USE ONLY)

I hereby certify that I have received the goods/services reflected above and that the items referenced are in full conformity with the purchase order/contract.

Authorized Signature: _____

Date: _____

I hereby certify that this purchase is in agreement with the requisition on file authorizing the expenditure and is properly approved.

PURCHASING AGENT Date: _____

David A. [Signature]
10/11/12 Bk



**OFFICE OF THE PURCHASING AGENT
COUNTY OF COOK**

118 NORTH CLARK ST. ROOM 1018
CHICAGO, ILLINOIS 60602-1375
(312) 603-5370

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200 W Monroe Ste 900
Chicago IL 60606

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Cook County Building
118 N. Clark Street RM 112
Chicago IL 60602-1304

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Clark Street Rm. 212

DEPT NO	
5341897	Page 1 of 1

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PURCHASING AGENT

Date:

Authorized Signature: _____

Date: _____

(Handwritten Signature)

73 New BA

Report: R56REQ2

Purchase Requisition Office of the Purchasing Agent Cook County of Illinois

Purchase Order Number

182022 OF

6-29-12
NC

Requisition # OR 103821 Contract #

Open Date

Ship To: 8001073 Treasurer - Chicago Branch
Cook County Building
118 N. Clark Street RM
Chicago IL 60602-1304

Delivery Instructions:
Andy Wacław Treasurer's Office
118 N. Clark Street Rm. 212
Chicago IL 60606

Supplier: 824403 New Horizons Computer Learning
200 W Monroe Ste 900
Chicago IL 60606

Buyer Number 372902 DE PINO, JAMES A
Bid/Sole Src Code 5341897
Business Unit 5341897
Internal Req Number 25340036
Board Apr Date & Item 5/18/2012
Requisition Date 5/18/2012
Date Needed 5/18/2012

One Time Purchase Yes ___ No ___ Covers Need for ___ months. Specific Period of time ___ thru ___ Prior Contract No. ___ Expiration Date ___ Emergency No. ___

Line #	Commodity Description	Bal. on Hand	Quantity	UOM	Est. Unit Cost	Extended Cost	Business Unit and Object Account
1.000 961	6231 Maintaining Microsoft SQL	< >	1.00	EA	2,083.3300	2,083.33	5341897.501930
2.000 961	10264A Developing Web App.	< >	1.00	EA	2,083.3300	2,083.33	5341897.501930
3.000 961	Microsoft SharePoint	< >	1.00	EA	833.3300	833.33	5341897.501930

Total of Items Ordered 4,999.99

CERTIFICATION

I hereby certify that the items and/or services above are necessary to this department (or institution) and that the dept. no., account & activity numbers indicated above accurately reflect the specific line item budget appropriation approved by the Board of County Commissioners and there is a sufficient unencumbered balance in the account to grant same.

Joseph M. Smith
BUREAU DEPARTMENT HEAD

REQUISITIONER

CCA

APPROVED BUDGETARY ACCOUNT NO. 01 AVN PURCHASING USE ONLY

ACCT #

DATE BY



Maria Pappas

Cook County Treasurer

Memo

To: Procurement
From: Andy Waclaw
Date: 10-1-12
Re: OR-103821

The Treasurer's Office has submitted a request to provide our Information Technology staff with training that will help enhance their technological practices and improve the functions of our office. This request is under Requisition OR-103821.

We have included 6 quotes from various vendors. The CCTO recommends New Horizons, as the other 5 vendor were non-responsive and did not bid on all line items.

Please feel free to contact our office with any questions that you may have.

Thank you,

Andy Waclaw
Office of the Cook County Treasurer
Purchasing Department
312-603-4765

Nicki Cannatello (Bureau of Finance)

From: Andrzej Waclaw <AWaclaw@cookcountytreasurer.com>
Sent: Monday, October 01, 2012 11:40 AM
To: Nicki Cannatello (Bureau of Finance)
Subject: CCT Memo
Attachments: CCT Memo.doc

Nicki,

Please let me know if this is sufficient.

Thanks,

Andy.

DISCLAIMER: This communication, together with any attachments hereto or links contained herein, is intended for the sole use of the named recipient(s) and may contain information that is confidential and/or legally protected. If you have received this message in error or are not a named recipient, you are hereby notified that any review, disclosure, dissemination, copying, distribution or use of this communication is STRICTLY PROHIBITED. If you have received this communication in error, please notify the sender immediately by return e-mail message and delete the original and all duplicate copies of this communication, along with any attachments or links, from your computer and system and destroy any hard copies thereof.



Maria Pappas
Cook County Treasurer

June 28, 2012

Ms. Maria de Lourdes Coss
Chief Procurement Officer
118 North Clark Street, Room 1018
Chicago, IL 60602

Dear Ms. Coss,

The Treasurer's Office has submitted Requisition OR 103821, internal requisition 25340036 to provide our Information Technology staff with training that will help enhance their technological practices and improve the functions of our office.

Pursuant to the General Procurement Guidelines, this request is considered a Small Order. Therefore, we are attaching 3 quotes and recommend New Horizons as the vendor, since they have submitted the lowest bid.

Thank you for your attention to this request and please feel free to contact our office should you have any questions.

Sincerely,

A handwritten signature in cursive script that reads "Joseph M. Fratto".

Joseph M. Fratto
Chief Deputy Treasurer
312.603.6210



September 28, 2012

Maurizio Marchese
Cook County Treasurer
118 N. Clark
Chicago, IL 60602

Dear Maurizio:

Per your request, below are the quotes for the investments in the following on a per class per person basis:

6231 Maintaining a Microsoft SQL Server 2008 Database	\$2083.33
10264A Developing Web Applications with Visual Studio 2010	\$2083.33
Microsoft SharePoint Designer 2010	\$ 833.33

Please do not hesitate to contact me with any questions. I look forward to working with you!

Regards,

Edris C. Stevens | Account Executive

New Horizons of Chicago

p: 312.676.3985 | f: 312.726.3793 | e: edris.stevens@nhgreatlakes.com |
www.nhgreatlakes.com

Chicago Center - 200 West Monroe (Monroe & Wells) Suite 900 - Chicago, IL 60606
Rosemont Center - 8550 W. Bryn Mawr Ave. (Cumberland & I-90) 4th Floor - Chicago, IL 60631

Nicki Cannatello (Bureau of Finance)

From: Stevens, Edris <Edris.Stevens@nhgreatlakes.com>
Sent: Friday, September 28, 2012 4:42 PM
To: Nicki Cannatello (Bureau of Finance)
Subject: RE: Order #103821 OR
Attachments: CookCountyTreasurer_TechClasses_2012_Marchese.doc

Hello, Nicki,

Here is an updated quote/order for you attached. Let me know if this is all that you require and what our next steps are.

Thanks!

Regards,

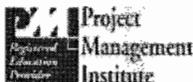
Edris C. Stevens | Account Executive

New Horizons Computer Learning Centers of Chicago, IL | Downtown Chicago | Rosemont
200 W. Monroe St., Ste. 900 | Chicago, IL 60606 | p: 312-676-3985 | f: 312-726-3793
edris.stevens@nhgreatlakes.com | www.newhorizons.com/chicago

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From: Nicki Cannatello (Bureau of Finance) [<mailto:nicki.cannatello@cookcountyil.gov>]
Sent: Friday, September 28, 2012 4:34 PM
To: Stevens, Edris
Subject: Order #103821 OR

Ms. Stevens,

Good afternoon.

As follow-up to our conversation, please email me an updated quote for Order #103821 OR, Said order is for training software for the Cook County Treasurer's Office.

Should you have any questions, do not hesitate to contact me.

Respectfully,

Nicki A. Cannatello

Office of the Chief Procurement Officer/118 North Clark Street, Room 1018/Chicago, Illinois 60602
312-603-2378 Direct Line/312-603-3063 Fax Number/ nicki.cannatello@cookcountyil.gov



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CERTIFICATIONS



PROGRAMS



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MS6231 - Maintaining a Microsoft SQL Server 2008 Database

If you have any questions about registering for this class, please call (877) 832-0688 Ext. 1493 or email us at getsmart@LRS.com

This five-day instructor-led course provides students with the knowledge and skills to maintain a Microsoft SQL Server 2008 R2 database. The course focuses on teaching individuals how to use SQL Server 2008 R2 product features and tools related to maintaining a database.

[Click here for a printer-friendly version of this page.](#)

Upcoming classes

Number	Class Date	Location	Length	Cost	Sign up
MS6231	Oct 15, 2012 - Oct 19, 2012	Bloomington	5 days	\$2095.00	Register
MS6231	Dec 03, 2012 - Dec 07, 2012	Springfield	5 days	\$2095.00	Register

Contact us for additional availability.

Prerequisites

- Basic knowledge of the Microsoft Windows operating system and its core functionality.
- Working knowledge of Transact-SQL.
- Working knowledge of relational databases.
- Some experience with database design.
- Completed Course 2778: Writing Queries Using Microsoft SQL Server 2008 Transact-SQL

Detailed Class Syllabus

- Module 1: Introduction to SQL Server 2008 R2 and its Toolset**
 - Introduction to SQL Server Platform
 - Working with SQL Server Tools
 - Configuring SQL Server Services
- Module 2: Preparing Systems for SQL Server 2008 R2**
 - Overview of SQL Server 2008 R2 Architecture
 - Planning Server Resource Requirements
 - Pre-installation Testing for SQL Server 2008 R2
- Module 3: Installing and Configuring SQL Server 2008 R2**
 - Preparing to Install SQL Server 2008 R2
 - Installing SQL Server 2008 R2
 - Upgrading and Automating Installation
- Module 4: Working with Databases**
 - Overview of SQL Server Databases

- Maintaining Indexes
- Automating Routine Database Maintenance

Module 17: Tracing Access to SQL Server 2008 R2

- Capturing Activity using SQL Server Profiler
- Improving Performance with the Database Engine Tuning Advisor
- Working with Tracing Options

Module 18: Monitoring SQL Server 2008 R2

- Monitoring Activity
- Capturing and Managing Performance Data
- Analyzing Collected Performance Data

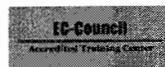
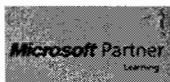
Module 19: Managing Multiple Servers

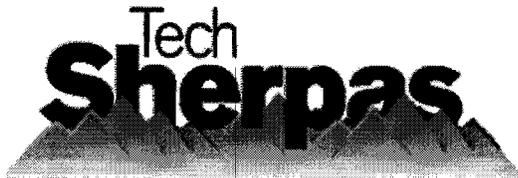
- Working with Multiple Servers
- Virtualizing SQL Server
- Deploying and Upgrading Data-Tier Applications

Module 20: Troubleshooting Common SQL Server 2008 R2 Administrative Issues

- SQL Server Troubleshooting Methodology
- Resolving Service-related Issues
- Resolving Concurrency Issues
- Resolving Login and Connectivity Issues

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Microsoft SQL Server 2005

Microsoft BizTalk Server

Microsoft Systems Center

Microsoft Visual Studio

Microsoft Office

Microsoft SharePoint

Microsoft Project & Project Management

Microsoft Dynamics

Cloud Services

Other Microsoft Technologies

Cisco

CompTIA

Security

IT Infrastructure Library (ITIL) & COBIT

6231: Maintaining a Microsoft SQL Server 2008 R2 Database

Price \$2475

Click "ENROLL" to register for this course

Location	Start Date	End Date	Start Time (EST)	End Time (EST)	Delivery	En
Chicago, IL	10/29/2012	11/2/2012	10:00AM	5:00PM	ILT	En
Choose...	12/17/2012	12/21/2012	10:00AM	5:00PM	ILT	En

ILT = Live, instructor-led training in classroom

VLT = Live, instructor-led training delivered virtually

[Print Course Outline](#)

About this Course

This five-day instructor-led course provides students with the knowledge and skills to maintain a Microsoft SQL Server 2008 R2 database. The course focuses on teaching individuals how to use SQL Server 2008 R2 product features and tools related to maintaining a database.

Audience Profile

The primary audience for this course is individuals who administer and maintain SQL Server databases. This course can also be helpful for individuals who develop applications that deliver content from SQL Server databases.

At Course Completion

After completing this course, students will be able to:

- Explain SQL Server 2008 R2 architecture, resources requirements and perform pre-checks of I/O subsystems
- Plan, install and configure SQL Server 2008 R2
- Backup and restore databases
- Import and export wizards and explain how they relate to SSIS



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10264A: Developing Web Applications with Microsoft Visual Studio 2010

Start Time: 11/5/2012 8:30 AM
End Time: 11/9/2012 4:30 PM

Description: About this Course

In this course, students will learn to develop advanced ASP.NET MVC and Web Forms applications using .NET Framework 4 tools and technologies. The focus will be on coding activities that enhance the performance and scalability of the Web site application. ASP.NET MVC will be introduced and compared with Web Forms so that students know when each should/could be used.

Course Outline

Module 1: Overview of Web Application Design

This module describes the underlying architecture and design of a Web application

Lessons

- Overview of IIS 7.0
 - Overview of ASP.NET 4.0
 - Introduction to the MVC Framework
 - Overview of the Request Life Cycle
- Lab : Exploring the Adventure Works Web Site
- Exercise 1: Explore the Adventure Works Web Site
 - Exercise 2: Comparing Web Forms and MVC
 - Exercise 3: Working with the Web Forms Page Life Cycle

After completing this module, students will be able to:

- Describe the underlying architecture of ASP.NET 4.0.
- Identify new features in ASP.NET 4.0.
- Describe the components of the MVC framework.
- Describe the structure of an MVC application.
- Describe the life cycle of a Web Forms page.
- Describe the life cycle of an MVC page.
- Describe the differences between the life cycle of a Web Forms page and an MVC page

Module 2: Designing a Web Application

This module describes the best practices and trade-offs that you need to make when designing a Web application.

Lessons

- Web Applications: Case Studies
 - Web Application Design Essentials
 - Guidelines for Determining When to Use Web Forms and MVC
 - Visual Studio 2010 Tools and Technologies for Web Application Design
- Lab : Redesigning the Adventure Works Web site
- Exercise 1: Reviewing the Adventure Works Web site
 - Exercise 2: Redesigning the Adventure Works Web site
 - Exercise 3: Adding MVC Capabilities to the Adventure Works Web site

After completing this module, students will be able to:

- Explain the different types of web applications and their characteristics.
- Choose the correct design based on the on business requirements, utilizing Web Forms and MVC based.
- Explain the different tools and technologies and best practices around each.

Module 3: Developing MVC Models

This module describes the MVC development model (Models, Controllers, and Views) and how to create the Models that are used to access and modify the data in a data source.

Lessons

- Exploring Ways to Create MVC Models
 - Creating a Data Repository
- Lab : Developing MVC Models
- Exercise 1: Exploring Ways to Create MVC Models
 - Exercise 2: Creating Data Repository
- After completing this module, students will be able to:
- Create MVC models by using classes and data mapping tools.
 - Create a data repository

Module 4: Developing MVC Controllers

This module describes how to create the Controllers that are used to respond to communications from the user and how to implement the application flow and logic.

Lessons

- Implementing MVC Controllers
 - Creating Action Methods
- Lab : Developing MVC Controllers
- Exercise 1: Creating an MVC Controller

REGISTER

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This course is available through ProximiTree Learning. [Click here to learn more.](#)

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Module 9: Ensuring Quality by Debugging, Unit Testing, and Refactoring

This module describes how to perform check-in testing for their Web Forms and MVC applications as well as how to use the built-in debugging capabilities of VS2010.

Lessons

- Debugging and Refactoring Code
- Unit Testing Code
- Processing Unhandled Exceptions
- Test Driven Development

Lab : Debugging, Unit Testing and Refactoring

- Exercise 1: Configuring Error Handling
- Exercise 2: Debugging Code
- Exercise 3: Logging
- Exercise 4: Creating Unit Tests
- Exercise 5: Implementing the Test-First Development Methodology

After completing this module, students will be able to:

- Debug and refactor code
- Unit test code.
- Describe how to log information to a file, database, event or other, including best practices.
- Describe the Test-Driven Development methodology.

Module 10: Securing a Web Application

This module describes how to mitigate common security threats and to implement the essentials (must haves) of Web security in both MVC and Web Forms applications.

Lessons

- Configuring Authentication
- Configuring ASP.NET Membership
- Managing Authorization by Using ASP.NET Roles

Lab : Securing a Web Application

- Exercise 1: Configuring ASP.NET Membership and Roles
- Exercise 2: Authentication
- Exercise 3: Authorization

After completing this module, students will be able to:

- Configure authentication
- Configure ASP.NET Membership
- Manage authorization by using ASP.NET Roles

Module 11: Applying Master Pages and CSS

This module describes how to achieve a consistent UI in a reusable manner.

Lessons

- Applying Master Pages
 - Applying CSS, Skins, and Themes
- Lab : Applying Master Pages and CSS
- Exercise 1: Modify a Master Page
 - Exercise 2: Create Nested Master Page
 - Exercise 3: Integrating a Master Page
 - Exercise 4: Control Skins
 - Exercise 5: Applying Styles | Themes

After completing this module, students will be able to:

- Identify challenges in developing a Web application that is compatible across a wide range of browsers and ways to address these challenges.
- Apply master pages for a consistent application UI.
- Apply CSS for a consistent application UI.

Module 12: Developing Client Side Scripts and Services

This module described how to develop client-side scripts and services for a responsive, rich, and interactive application UI.

Lessons

- Developing Client-Side Scripts
- Implementing AJAX
- Creating Services

Lab : Developing Client Side Scripts and Services

- Exercise 1: Creating Client-Side Script
- Exercise 2: Advanced JQuery
- Exercise 3: Creating a WCF Service

After completing this module, students will be able to:

- Develop client-side scripts
- Implement advanced JQuery
- Create services

Module 13: Implementing Advanced AJAX in a Web Application

This module describes the programmatic side of AJAX enabled controls (as well as extending server controls to include AJAX functionality) on a Web Forms page as well as implementing AJAX on a MVC page

Lessons

- Implementing Ajax in ASP.NET MVC Pages Using Microsoft Ajax
 - Implementing Ajax in ASP.NET MVC Pages Using jQuery
 - Working With JQuery and Ajax Events
- Lab : Implementing Advanced Ajax for the AdventureWorks web application

- Exercise 1: Using AJAX in an MVC Page Scenario
- Exercise 2: Using jQuery in an MVC Page
- Exercise 3: Handling jQuery Ajax Events

After completing this module, students will be able to:

- Manage browser history
- Implement AJAX in MVC pages
- Implement jQuery



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VISUAL STUDIO TECHNICAL TRAINING

10264: Developing Web Applications with Microsoft Visual Studio 2010 (5 Days)

Certifications:

COST:

LENGTH:

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\$2,995.00

5 days

SCHEDULE:

What's Included

 Microsoft Official Courseware

 Microsoft Certified Trainer (MCT)

Course Description

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About this Course

In this course, students will learn to develop advanced ASP.NET MVC and Web Forms applications using .NET. The focus will be on coding activities that enhance the performance and scalability of the Web site application compared with Web Forms so that students know when each should/could be used. This will also prepare the

At Course Completion

After completing this course, students will be able to:

- Describe the underlying architecture and design of a Web application.
- Apply best practices and make appropriate trade-offs based on business requirements when designing a W
- Develop MVC models.



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- Security
- IT Infrastructure Library (ITIL) & COBIT
- Vmware (authorized)
- Oracle
- Linux
- Citrix
- Java
- Search Engine Optimization (SEO)
-

50354: Microsoft SharePoint 2010 SharePoint Designer

Price \$990

Click "ENROLL" to register for this course

Location	Start Date	End Date	Start Time (EST)	End Time (EST)	Delivery	
Chicago, IL	10/11/2012	10/12/2012	10:00AM	5:00PM	ILT	En
Choose...	11/29/2012	11/30/2012	10:00AM	5:00PM	ILT	En
Choose...	1/17/2013	1/18/2013	10:00AM	5:00PM	ILT	En

ILT = Live, instructor-led training in classroom
 VLT = Live, instructor-led training delivered virtually

[Print Course Outline](#)

2 Day Course Introduction

This 2-day instructor-led course discusses how to navigate and use the new Ribbon interface, what new things you can do from Designer, what changes have been made to the actions and conditions of workflows, how to build external content types, and how to modify Out Of the Box Workflows.

Audience Profile

Anyone that has been and/or will be working with SharePoint Designer to make changes to SharePoint sites

At Course Completion

After completing this course, students will be able to:

- Create one of everything possible from SharePoint Designer, learn about each new condition and action of SharePoint Designer workflows

Prerequisites

Before attending this course, students must have:

- Understanding of SharePoint site elements (Lists, Libraries, Content Types, etc)

Course Outline

Module 1: Overview

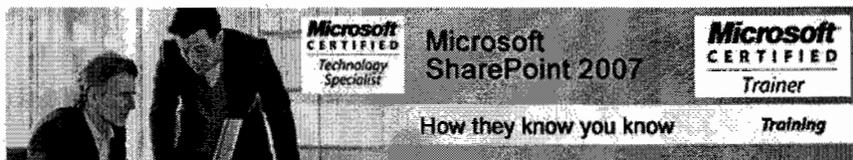
A simple introduction module.

Lessons

[Home](#) [Course Catalog](#) [Certifications](#) [Schedule](#) [Testing](#) [Company](#) [Virtual-ILT](#) [Virtual Schedule](#) [Contact Us](#)

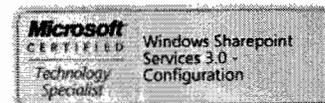


MS-50354: SharePoint 2010 SharePoint Designer



MS-50354: SharePoint 2010 SharePoint Designer

This two-day instructor-led course explores how to navigate and use the new Ribbon interface, learn what new things you can do from Designer, what changes have been made to the actions and conditions of workflows, how to build external content types, and how to modify Out Of the Box Workflows.



[Download Course Outline and Information](#)

Course Objectives	Course Details	Course Outline	CTCLC Discounts	Exam Information
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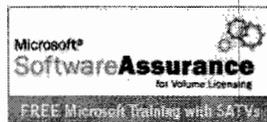
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Nicki Cannatello (Bureau of Finance)

From: Nicki Cannatello (Bureau of Finance)
Sent: Thursday, June 28, 2012 4:08 PM
To: 'Andrzej Waclaw'
Subject: Order #103821 OR

Good afternoon Andy.

Please forward me a letter of recommendation from the Treasurer's Office for Order #103821 OR.

Thank you,

Nicki

Nicki A. Cannatello

Office of the Chief Procurement Officer/118 North Clark Street, Room 1018/Chicago, Illinois 60602
312-603-2378 Direct Line/312-603-3063 Fax Number/ nicki.cannatello@cookcountyil.gov

From: Andrzej Waclaw [<mailto:AWaclaw@cookcountytreasurer.com>]
Sent: Thursday, June 28, 2012 12:10 PM
To: Nicki Cannatello (Bureau of Finance)
Subject: FW: Req. 103821

From: Andrzej Waclaw
Sent: Tuesday, June 26, 2012 4:19 PM
To: Nicki Cannatello (Bureau of Finance) (nicki.cannatello@cookcountyil.gov)
Subject: Req. 103821

Nicki,

JDE shows that req. 103821 has been assigned to you. Can you please let me know the status of that req.

Thank you,

*Andy Waclaw
Office of the Cook County Treasurer
Purchasing Department
312-603-4765*

DISCLAIMER: This communication, together with any attachments hereto or links contained herein, is intended for the sole use of the named recipient(s) and may contain information that is confidential and/or legally protected. If you have received this message in error or are not a named recipient, you are hereby notified that any review, disclosure, dissemination, copying, distribution or use of this communication is STRICTLY PROHIBITED. If you have received this communication in error, please notify the sender immediately by return e-mail message and delete the original and all duplicate copies of this communication, along with any attachments or links, from your computer and system and destroy any hard copies thereof.



May 11, 2012

Maurizio Marchese
Cook County Treasurer
118 N. Clark
Chicago, IL 60602

Dear Maurizio:

Per your request, below are the quotes for the investments in the following on a per class per person basis:

6231 Maintaining a Microsoft SQL Server 2008 Database	\$2083.33
10264A Developing Web Applications with Visual Studio 2010	\$2083.33
Microsoft SharePoint Designer 2010	\$ 833.33

Please do not hesitate to contact me with any questions. I look forward to working with you!

Regards,

Edris C. Stevens | Account Executive

New Horizons of Chicago

p: 312.676.3985 | f: 312.726.3793 | e: edris.stevens@nhgreatlakes.com |
www.nhgreatlakes.com

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Maintaining a Microsoft SQL Server 2008 Database

If you have any questions about registering for this class, please call (877) 832-0688 Ext. 1493 or email us at getsmart@LRS.com

This five-day instructor-led course provides students with the knowledge and skills to maintain a Microsoft SQL Server 2008 R2 database. The course focuses on teaching individuals how to use SQL Server 2008 R2 product features and tools related to maintaining a database.

[Click here for a printer-friendly version of this page](#)

Upcoming classes

Number	Class Date	Location	Length	Cost	Sign up
MS6231	Jun 11, 2012 - Jun 15, 2012	Bloomington	5 days		Register

- Guaranteed to
- Available Virtual

CERTIFICATIONS



Prerequisites

- Basic knowledge of the Microsoft Windows operating system and its core functionality.
- Working knowledge of Transact-SQL.
- Working knowledge of relational databases.
- Some experience with database design.
- Completed Course 2778: Writing Queries Using Microsoft SQL Server 2008 Transact-SQL

PROGRAMS



Detailed Class Syllabus

- Module 1: Introduction to SQL Server 2008 R2 and its Toolset**
 - Introduction to SQL Server Platform
 - Working with SQL Server Tools
 - Configuring SQL Server Services
- Module 2: Preparing Systems for SQL Server 2008 R2**
 - Overview of SQL Server 2008 R2 Architecture
 - Planning Server Resource Requirements
 - Pre-installation Testing for SQL Server 2008 R2
- Module 3: Installing and Configuring SQL Server 2008 R2**
 - Preparing to Install SQL Server 2008 R2
 - Installing SQL Server 2008 R2
 - Upgrading and Automating Installation
- Module 4: Working with Databases**
 - Overview of SQL Server Databases
 - Working with Files and Filegroups
 - Moving Database Files

Module 5: Understanding SQL Server 2008 R2 Recovery Models

- Backup Strategies
- Understanding SQL Server Transaction Logging
- Planning a SQL Server Backup Strategy

Module 6: Backup of SQL Server 2008 R2 Databases

- Backing up Databases and Transaction Logs
- Managing Database Backups
- Working with Backup Options

Module 7: Restoring SQL Server 2008 R2 Databases

- Understanding the Restore Process
- Restoring Databases
- Working with Point-in-time Recovery
- Restoring System Databases and Individual Files

Module 8: Importing and Exporting Data

- Transferring Data To/From SQL Server 2008 R2
- Importing & Exporting Table Data
- Inserting Data in Bulk

Module 9: Authenticating and Authorizing Users

- Authenticating Connections to SQL Server
- Authorizing Logins to Access Databases
- Authorization Across Servers

Module 10: Assigning Server and Database Roles

- Working with Server Roles
- Working with Fixed Database Roles
- Creating User-defined Database Roles

Module 11: Authorizing Users to Access Resources

- Authorizing User Access to Objects
- Authorizing Users to Execute Code
- Configuring Permissions at the Schema Level

Module 12: Auditing SQL Server Environments

- Options for Auditing Data Access in SQL Server
- Implementing SQL Server Audit
- Managing SQL Server Audit

Module 13: Automating SQL Server 2008 R2 Management

- Automating SQL Server Management
- Working with SQL Server Agent
- Managing SQL Server Agent Jobs

Module 14: Configuring Security for SQL Server Agent

- Understanding SQL Server Agent Security
- Configuring Credentials
- Configuring Proxy Accounts

Module 15: Monitoring SQL Server 2008 R2 with Alerts and Notifications

- Configuration of Database Mail
- Monitoring SQL Server Errors
- Configuring Operators, Alerts and Notifications

Module 16: Performing Ongoing Database Maintenance

- Ensuring Database Integrity
- Maintaining Indexes

- Automating Routine Database Maintenance

Module 17: Tracing Access to SQL Server 2008 R2

- Capturing Activity using SQL Server Profiler
- Improving Performance with the Database Engine Tuning Advisor
- Working with Tracing Options

Module 18: Monitoring SQL Server 2008 R2

- Monitoring Activity
- Capturing and Managing Performance Data
- Analyzing Collected Performance Data

Module 19: Managing Multiple Servers

- Working with Multiple Servers
- Virtualizing SQL Server
- Deploying and Upgrading Data-Tier Applications

Module 20: Troubleshooting Common SQL Server 2008 R2 Administrative Issues

- SQL Server Troubleshooting Methodology
- Resolving Service-related Issues
- Resolving Concurrency Issues
- Resolving Login and Connectivity Issues

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Maintaining a Microsoft SQL Server 2008 R2 Database

Click "ENROLL" to register for this course

Location	Start Date	End Date	Start Time (EST)	End Time (EST)	Delivery	Enrol
Chicago, IL	6/4/2012	6/8/2012	10:00AM	5:00PM	ILT	Enrol
Choose...	7/23/2012	7/27/2012	10:00AM	5:00PM	ILT	Enrol

ILT = Live, instructor-led training in classroom

VLT = Live, instructor-led training delivered virtually

[Print Course Outline](#)

About this Course

This five-day instructor-led course provides students with the knowledge and skills to maintain a Microsoft SQL Server 2008 R2 database. The course focuses on teaching individuals how to use SQL Server 2008 R2 product features and tools related to maintaining a database.

Audience Profile

The primary audience for this course is individuals who administer and maintain SQL Server databases. This course can also be helpful for individuals who develop applications that deliver content from SQL Server databases.

At Course Completion

After completing this course, students will be able to:

- Explain SQL Server 2008 R2 architecture, resources requirements and perform pre-checks of I/O subsystems
- Plan, install and configure SQL Server 2008 R2
- Backup and restore databases
- Import and export wizards and explain how they relate to SSIS

- ☒ Vmware (authorized) • Use BCP and BULK INSERT to import data
 - ☒ Oracle • Manage security
 - ☒ Linux
 - ☒ Citrix
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 - ☒ Search Engine
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Your Guides to Technical Services and Education

6231: Maintaining a Microsoft SQL Server 2008 R2 Database

About this Course

This five-day instructor-led course provides students with the knowledge and skills to maintain a Microsoft SQL Server 2008 R2 database. The course focuses on teaching individuals how to use SQL Server 2008 R2 product features and tools related to maintaining a database.

Audience Profile

The primary audience for this course is individuals who administer and maintain SQL Server databases. This course can also be helpful for individuals who develop applications that deliver content from SQL Server databases.

At Course Completion

After completing this course, students will be able to:

- Explain SQL Server 2008 R2 architecture, resources requirements and perform pre-checks of I/O subsystems
- Plan, install and configure SQL Server 2008 R2
- Backup and restore databases
- Import and export wizards and explain how they relate to SSIS
- Use BCP and BULK INSERT to import data
- Manage security
- Assign, configure fixed database roles and create and assign user defined database roles
- Configure and assign permissions
- Implement SQL Server 2008 R2 Audits
- Manage SQL Server 2008 R2 Agent and Jobs
- Configure database mails, alerts and notifications
- Maintain databases
- Configure SQL Profiler Traces and Use the Database Tuning Advisor
- Monitor data by using Dynamic Management Views
- Execute multi-server queries and configure a central management server
- Deploy a data-tier-application
- Troubleshoot common issues

Course Outline

Module 1: Introduction to SQL Server 2008 R2 and its Toolset

This module introduces you to the entire SQL Server platform and its major tools. This module also covers editions, versions, basics of network listeners, and concepts of services and service accounts.

Lessons

- Introduction to SQL Server Platform
- Working with SQL Server Tools
- Configuring SQL Server Services

Lab : Introduction to SQL Server 2008 R2 and its Toolset

- Verify SQL Server Component Installation
- Alter Service Accounts for New Instance
- Enable Named Pipes Protocol for Both Instances
- Create Aliases for AdventureWorks and Proseware
- Ensure SQL Browser is Disabled and Configure a Fixed TCP/IP Port
- Describe the SQL Server Platform
- Work with SQL Server Tools
- Configure SQL Server Services

Module 2: Preparing Systems for SQL Server 2008 R2

This module covers planning for an installation related to SQL Server I/O requirements, 32 bit vs 64 bit, memory configuration options and I/O subsystem pre-installation checks using SQLIOSim and SQLIO.

Lessons

- Overview of SQL Server 2008 R2 Architecture
- Planning Server Resource Requirements
- Pre-installation Testing for SQL Server 2008 R2

Lab : Preparing Systems for SQL Server 2008 R2

- Adjust memory configuration
- Perform Pre-installation Stress Testing
- Check Specific I/O Operations
- Describe the SQL Server architecture
- Plan for server resource requirements
- Conduct pre-installation stress testing for SQL Server

Module 3: Installing and Configuring SQL Server 2008 R2

This module details installing and configuring SQL Server 2008 R2.

Lessons

- Preparing to Install SQL Server 2008 R2
- Installing SQL Server 2008 R2
- Upgrading and Automating Installation

Lab : Installing and Configuring SQL Server 2008 R2

- Review installation requirements
- Install the SQL Server instance
- Perform Post-installation Setup and Checks
- Configure Server Memory
- Prepare to install SQL Server

- Install SQL Server
- Upgrade and automate the installation of SQL Server

Module 4: Working with Databases

This module describes the system databases, the physical structure of databases and the most common configuration options related to them.

Lessons

- Overview of SQL Server Databases
- Working with Files and Filegroups
- Moving Database Files

Lab : Working with Databases

- Adjust tempdb configuration
- Create the RateTracking database
- Attach the OldProspects database
- Add multiple files to tempdb
- Describe the role and structure of SQL Server databases
- Work with files and filegroups
- Move database files within servers and between servers

Module 5: Understanding SQL Server 2008 R2 Recovery Models

This module describes the concept of the transaction log and SQL Server recovery models. It introduces the different backup strategies available with SQL Server 2008 R2.

Lessons

- Backup Strategies
- Understanding SQL Server Transaction Logging
- Planning a SQL Server Backup Strategy

Lab : Understanding SQL Server 2008 R2 Recovery Models

- Plan a backup strategy
- Configure recovery models
- Review recovery models and strategy
- Describe the critical concepts surrounding backup strategies
- Explain the transaction logging capabilities within the SQL Server database engine
- Plan a SQL Server backup strategy

Module 6: Backup of SQL Server 2008 R2 Databases

- This module describes SQL Server 2008 R2 Backup and the backup types.

Lessons

- Backing up Databases and Transaction Logs
- Managing Database Backups

- Working with Backup Options

Lab : Backup of SQL Server 2008 R2 Databases

- Investigate backup compression
- Transaction log backup
- Differential backup
- Copy only backup
- Partial backup
- Back up databases and transaction logs
- Manage database backups
- Work with more advanced backup options

Module 7: Restoring SQL Server 2008 R2 Databases

This module describes the restoration of databases.

Lessons

- Understanding the Restore Process
- Restoring Databases
- Working with Point-in-time Recovery
- Restoring System Databases and Individual Files

Lab : Restoring SQL Server 2008 R2 Databases

- Determine a restore strategy
- Restore the database
- Using STANDBY mode
- Understand the restore process
- Restore databases
- Work with Point-in-time Recovery
- Restore system databases and individual files

Module 8: Importing and Exporting Data

This module covers the use of the import/export wizards and explains how they relate to SSIS. Also introduces BCP.

Lessons

- Transferring Data To/From SQL Server 2008 R2
- Importing & Exporting Table Data
- Inserting Data in Bulk

Lab : Importing and Exporting Data

- Import the Excel spreadsheet
- Import the CSV file
- Create and test an extraction package
- Compare loading performance
- Transfer data to and from SQL Server

- Import and export table data
- Insert data in bulk and optimize the bulk insert process

Module 9: Authenticating and Authorizing Users

This module covers SQL Server 2008 R2 security models, logins and users.

Lessons

- Authenticating Connections to SQL Server
- Authorizing Logins to Access Databases
- Authorization Across Servers

Lab : Authenticating and Authorizing Users

- Create Logins
- Correct an Application Login Issue
- Create Database Users
- Correct Access to Restored Database
- Describe how SQL Server authenticates connections
- Describe how logins are authorized to access databases
- Explain the requirements for authorization across servers

Module 10: Assigning Server and Database Roles

This module covers fixed server roles, fixed database roles and user-defined database roles.

Lessons

- Working with Server Roles
- Working with Fixed Database Roles
- Creating User-defined Database Roles

Lab : Assigning Server and Database Roles

- Assign Server Roles
- Assign Fixed Database Roles
- Create and Assign User-defined Database Roles
- Check Role Assignments
- Work with server roles
- Work with fixed database roles
- Create user-defined database roles

Module 11: Authorizing Users to Access Resources

This module covers permissions and the assignment of permissions.

Lessons

- Authorizing User Access to Objects
- Authorizing Users to Execute Code
- Configuring Permissions at the Schema Level

Lab : Authorizing Users to Access Resources

- Assign Schema-level Permissions
- Assign Object-level Permissions
- Test Permissions
- Authorize user access to objects
- Authorize users to execute code
- Configure permissions at the schema level

Module 12: Auditing SQL Server Environments

This module covers SQL Server Audit.

Lessons

- Options for Auditing Data Access in SQL Server
- Implementing SQL Server Audit
- Managing SQL Server Audit

Lab : Auditing SQL Server Environments

- Determine audit configuration and create audit
- Create server audit specifications
- Create database audit specifications
- Test audit functionality
- Describe the options for auditing data access in SQL Server
- Implement SQL Server Audit
- Manage SQL Server Audit

Module 13: Automating SQL Server 2008 R2 Management

This module covers SQL Server Agent, jobs and job history.

Lessons

- Automating SQL Server Management
- Working with SQL Server Agent
- Managing SQL Server Agent Jobs

Lab : Automating SQL Server 2008 R2 Management

- Create a Data Extraction Job
- Schedule the Data Extraction Job
- Troubleshoot a Failing Job
- Automate SQL Server Management
- Work with SQL Server Agent
- Manage SQL Server Agent jobs

Module 14: Configuring Security for SQL Server Agent

This module covers SQL Server agent security, proxy accounts and credentials.

Lessons

- Understanding SQL Server Agent Security
- Configuring Credentials
- Configuring Proxy Accounts

Lab : Configuring Security for SQL Server Agent

- Troubleshoot job execution failure
- Resolve the security issue
- Perform further troubleshooting
- Explain SQL Server Agent security
- Configure credentials
- Configure Proxy accounts

Module 15: Monitoring SQL Server 2008 R2 with Alerts and Notifications

This module covers the configuration of database mail, alerts and notifications.

Lessons

- Configuration of Database Mail
- Monitoring SQL Server Errors
- Configuring Operators, Alerts and Notifications

Lab : Monitoring SQL Agent Jobs with Alerts and Notifications

- Configure Database Mail
- Implement Notifications
- Implement Alerts
- Configure database mail
- Monitor SQL Server errors
- Configure operators, alerts and notifications

Module 16: Performing Ongoing Database Maintenance

This module covers database maintenance plans.

Lessons

- Ensuring Database Integrity
- Maintaining Indexes
- Automating Routine Database Maintenance

Lab : Ongoing Database Maintenance

- Check database integrity using DBCC CHECKDB
- Correct index fragmentation
- Create a database maintenance plan
- Investigate table lock performance
- Ensure database integrity
- Maintain indexes
- Automate routine database maintenance

Module 17: Tracing Access to SQL Server 2008 R2

This module covers SQL Profiler and SQL Trace stored procedures.

Lessons

- Capturing Activity using SQL Server Profiler
- Improving Performance with the Database Engine Tuning Advisor
- Working with Tracing Options

Lab : Tracing Access to SQL Server 2008 R2

- Capture a trace using SQL Server Profiler
- Analyze a trace using Database Engine Tuning Advisor
- Configure SQL Trace
- Capture activity using SQL Server Profiler
- Improve performance with the Database Engine Tuning Advisor
- Work with tracing options

Module 18: Monitoring SQL Server 2008 R2

This module introduces DMVs and the configuration of data collection.

Lessons

- Monitoring Activity
- Capturing and Managing Performance Data
- Analyzing Collected Performance Data

Lab : Monitoring SQL Server 2008 R2

- Investigating DMVs
- Configure Management Data Warehouse
- Configure Instances for Data Collection
- Work with Data Collector Reports
- Monitor current activity
- Capture and manage performance data
- Analyze collected performance data

Module 19: Managing Multiple Servers

This module covers Central Management Servers and Multi-Server queries, Virtualization of SQL Server and Data-Tier Applications.

Lessons

- Working with Multiple Servers
- Virtualizing SQL Server
- Deploying and Upgrading Data-Tier Applications

Lab : Managing Multiple Servers

- Configure CMS and execute multi-server queries

- Deploy a data-tier application
- Register and extract a data-tier application
- Upgrade a data-tier application
- Work with multiple servers
- Describe options for virtualizing SQL Server
- Deploy and upgrade Data-Tier Applications

Module 20: Troubleshooting Common SQL Server 2008 R2 Administrative Issues

This module covers common issues that require troubleshooting and gives guidance on where to start looking for solutions.

Lessons

- SQL Server Troubleshooting Methodology
- Resolving Service-related Issues
- Resolving Concurrency Issues
- Resolving Login and Connectivity Issues

Lab : Troubleshooting Common Issues

- Troubleshoot and resolve SQL Server administrative issues
- Explain SQL Server troubleshooting methodology
- Resolve service-related issues
- Resolve concurrency issues
- Resolve login and connectivity issues



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Developing Web Applications with Microsoft Visual Studio 2010

Start Time: 6/25/2012 8:30 AM

End Time: 6/29/2012 4:30 PM

Description: About this Course

In this course, students will learn to develop advanced ASP.NET MVC and Web Forms applications using .NET Framework 4 tools and technologies. The focus will be on coding activities that enhance the performance and scalability of the Web site application. ASP.NET MVC will be introduced and compared with Web Forms so that students know when each should/could be used.

REGISTER

[Would you like to register for this course? Click here to get started.](#)

Course Outline

Module 1: Overview of Web Application Design

This module describes the underlying architecture and design of a Web application

Lessons

- Overview of IIS 7.0
 - Overview of ASP.NET 4.0
 - Introduction to the MVC Framework
 - Overview of the Request Life Cycle
- Lab : Exploring the Adventure Works Web Site
- Exercise 1: Explore the Adventure Works Web Site
 - Exercise 2: Comparing Web Forms and MVC
 - Exercise 3: Working with the Web Forms Page Life Cycle

After completing this module, students will be able to:

- Describe the underlying architecture of ASP.NET 4.0.
- Identify new features in ASP.NET 4.0.
- Describe the components of the MVC framework.
- Describe the structure of an MVC application.
- Describe the life cycle of a Web Forms page.
- Describe the life cycle of an MVC page.
- Describe the differences between the life cycle of a Web Forms page and an MVC page

Module 2: Designing a Web Application

This module describes the best practices and trade-offs that you need to make when designing a Web application.

Lessons

- Web Applications: Case Studies
 - Web Application Design Essentials
 - Guidelines for Determining When to Use Web Forms and MVC
 - Visual Studio 2010 Tools and Technologies for Web Application Design
- Lab : Redesigning the Adventure Works Web site

- Exercise 1: Reviewing the Adventure Works Web site
- Exercise 2: Redesigning the Adventure Works Web site
- Exercise 3: Adding MVC Capabilities to the Adventure Works Web site

After completing this module, students will be able to:

- Explain the different types of web applications and their characteristics.
- Choose the correct design based on the on business requirements, utilizing Web Forms and MVC based.
- Explain the different tools and technologies and best practices around each.

Module 3: Developing MVC Models

This module describes the MVC development model (Models, Controllers, and Views) and how to create the Models that are used to access and modify the data in a data source.

Lessons

- Exploring Ways to Create MVC Models
 - Creating a Data Repository
- Lab : Developing MVC Models
- Exercise 1: Exploring Ways to Create MVC Models
 - Exercise 2: Creating Data Repository

After completing this module, students will be able to:

- Create MVC models by using classes and data mapping tools.
- Create a data repository

Module 4: Developing MVC Controllers

This module describes how to create the Controllers that are used to respond to communications from the user and how to implement the application flow and logic.

Lessons

- Implementing MVC Controllers
 - Creating Action Methods
- Lab : Developing MVC Controllers
- Exercise 1: Creating an MVC Controller

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About this Course

In this course, students will learn to develop advanced ASP.NET MVC and Web Forms applications using .NET. The focus will be on coding activities that enhance the performance and scalability of the Web site application compared with Web Forms so that students know when each should/could be used. This will also prepare the

At Course Completion

After completing this course, students will be able to:

- Describe the underlying architecture and design of a Web application.
- Apply best practices and make appropriate trade-offs based on business requirements when designing a W
- Develop MVC models.



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Click **"ENROLL"** to register for this course

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Chicago, IL	7/5/2012	7/6/2012	10:00AM	5:00PM	ILT	Enrol
Choose...	8/23/2012	8/24/2012	10:00AM	5:00PM	ILT	Enrol

ILT = Live, instructor-led training in classroom
 VLT = Live, instructor-led training delivered virtually

[Print Course Outline](#)

2 Day Course Introduction
 This 2-day instructor-led course discusses how to navigate and use the new Ribbon interface, what new things you can do from Designer, what changes have been made to the actions and conditions of workflows, how to build external content types, and how to modify Out Of the Box Workflows.

Audience Profile
 Anyone that has been and/or will be working with SharePoint Designer to make changes to SharePoint sites

At Course Completion
 After completing this course, students will be able to:

- Create one of everything possible from SharePoint Designer, learn about each new condition and action of SharePoint Designer workflows

Prerequisites
 Before attending this course, students must have:

- Understanding of SharePoint site elements (Lists, Libraries, Content Types, etc)

Course Outline
Module 1: Overview
 A simple introduction module.

Lessons

- Overview

After completing this module, students will be able to:

Nicki Cannatello (Bureau of Finance)

From: Nicki Cannatello (Bureau of Finance)
Sent: Friday, September 28, 2012 5:18 PM
To: 'Andrzej Waclaw'
Subject: RE: New Horizons

Andy,

I need the letter to state that five (5) of the six (6) bidders were non-responsive and did not bid on all line items.

Please call me if you need assistance.

Thank you,

Nicki A. Cannatello

Office of the Chief Procurement Officer/118 North Clark Street, Room 1018/Chicago, Illinois 60602
312-603-2378 Direct Line/312-603-3063 Fax Number/ nicki.cannatello@cookcountyil.gov

From: Andrzej Waclaw [<mailto:AWaclaw@cookcountytreasurer.com>]
Sent: Friday, September 28, 2012 4:30 PM
To: Nicki Cannatello (Bureau of Finance)
Subject: New Horizons

Nicki,

This is a letter that was requested by Procurement and we submitted it on June 28, 2012. Is this not enough? Please let me know if you need something more.

Andy.

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BID TABULATION

BID NAME: Supply, Training Software
BID NUMBER: 103821 OR
BID OPENING DATE: Friday, September 28, 2012
BID OPENING TIME: 3 Quotes
READER:
RECORDER:
WITNESS:

VENDOR #1: New Horizons Computer Learning
VENDOR #2: LRS Education Services
VENDOR #3: Tech Sherpas

ITEM #	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE	RENEWALS	UNIT PRICE	TOTAL PRICE	RENEWALS
1	Maintaining a Microsoft SQL Server 2008 Database	1	EA	2083.33	\$2,083.33	2095.00	2475.00	\$2,475.00	
2	Developing Web Applications with Microsoft Visual Studio 2010	1	EA	2083.33	\$2,083.33	0.00	0.00	\$0.00	
3	Microsoft SharePoint 2010 SharePoint Designer	1	EA	833.33	\$833.33	0.00	990.00	\$990.00	
				\$4,999.99		\$2,095.00		\$2,475.00	

VENDOR #4: OakTree Software
VENDOR #5: Certification Camps
VENDOR #6: CTCLC

ITEM #	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE	RENEWALS	UNIT PRICE	TOTAL PRICE	RENEWALS
1	Maintaining a Microsoft SQL Server 2008 Database	1	EA	0.00	\$0.00	0.00	0.00	\$0.00	
2	Developing Web Applications with Microsoft Visual Studio 2010	1	EA	2495.00	\$2,495.00	2995.00	0.00	\$0.00	
3	Microsoft SharePoint 2010 SharePoint Designer	1	EA	0.00	\$0.00	0.00	1195.00	\$1,195.00	
				\$2,495.00		\$2,995.00		\$1,195.00	

NOTES

Vendor #2 LRS Education Services Vendor was non-responsive