



# HEROTEC

NETWORK PROFESSIONAL TRAINING

## Microsoft® SharePoint® 2010, Application Development

<b>Related Certificate</b>	<b>Microsoft Development</b>
<b>Course ID</b>	<b>10175A</b>
<b>Related Exams</b>	
<b>Audience</b>	<b>Developer</b>
<b>Hours</b>	<b>40</b>

## Overview:

This course provides existing .NET developers with practical information and labs that enables them to build solutions on the Microsoft® SharePoint® 2010 platform.

## Objectives:

After completing this course, students will be able to:

- Describe the SharePoint 2010 development platform and the benefits and features that it offers to developers.
- Use development tools that are integrated with the SharePoint 2010 development platform, such as Visual Studio 2010 and SharePoint Designer 2010.
- Develop Web Parts for SharePoint 2010 solutions.
- Develop code that uses the server-side objects provided by the SharePoint 2010 development platform.
- Develop event receivers and manipulate application settings for SharePoint 2010 solutions.
- Develop solutions that access external data by using Business Connectivity Services.
- Develop workflows as part of SharePoint 2010 solutions.
- Develop code that uses the client-side objects provided by the SharePoint 2010 development platform.
- Develop server ribbon controls and client dialogs for the new user interface platform of SharePoint 2010.
- Develop Microsoft® Silverlight™ applications that are integrated with SharePoint 2010 data and solutions.
- Develop sandboxed solutions for SharePoint 2010.
- Develop code that uses the taxonomic and user profile services of the SharePoint 2010 development platform.
- Develop code that uses the content management services of the SharePoint 2010 development platform.

## Outlines:

- Module 1: Introduction to the SharePoint 2010 Development Platform
- Module 2: Using SharePoint 2010 Developer Tools
- Module 3: Developing SharePoint 2010 Web Parts
- Module 4: Working with SharePoint Objects on the Server
- Module 5: Creating Event Receivers and Application Settings
- Module 6: Developing Solutions by Using Business Connectivity Services
- Module 7: Developing SharePoint 2010 Workflows
- Module 8: Working with Client-Based APIs for SharePoint 2010
- Module 9: Developing Interactive User Interfaces
- Module 10: Developing Silverlight Applications for SharePoint
- Module 11: Developing Sandboxed Solutions
- Module 12: Working with SharePoint Server Profiles and Taxonomy APIs
- Module 13: Developing Content Management Solutions

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