MS10267 - Introduction to Web Development with Microsoft Visual Studio 2010

Microsoft - Visual Studio - Sviluppo

Durata:	Lingue:	Certificazione:
5 Giorni	**Italiano**	**-**

Descrizione del corso

This five-day instructor-led course provides knowledge and skills on developing Web applications by using Microsoft Visual Studio 2010.

Programma

1. Exploring Microsoft ASP.NET Web Applications in Microsoft Visual Studio 2010
    - Introduction to the .NET Framework
    - Overview of ASP.NET
    - Overview of the Lab Application
2. Creating Web Applications by Using Microsoft Visual Studio 2010 and Microsoft .NET-Based Languages
    - Choosing a Programming Language
    - Overview of Visual Studio 2010
    - Creating a Simple Web Application
3. Creating a Microsoft ASP.NET Web Form
    - Creating Web Forms
    - Adding and Configuring Server Controls in a Web Form
4. Adding Functionality to a Microsoft ASP.NET Web Form
    - Working with Code-Behind Files
    - Handling Server Control Events
    - Creating Classes and Components by Using Visual Studio 2010
    - Handling Page Events

5. Implementing Master Pages and User Controls
    - Creating Master Pages
    - Adding User Controls to an ASP.NET Web Form
6. Validating User Input
    - Overview of User Input Validation
    - ASP.NET Validation Controls
    - Validating Web Forms
7. Troubleshooting Microsoft ASP.NET Web Applications
    - Debugging in ASP.NET
    - Tracing in ASP.NET
8. Managing Data in an Microsoft ASP.NET 4.0 Web Application
    - Overview of ADO.NET
    - Connecting to a Database
    - Managing Data
9. Managing Data Access Tasks by Using LINQ
    - Overview of LINQ
    - Managing XML Data by Using LINQ to XML
    - Managing SQL Data by Using LINQ to SQL and LINQ to Entities
10. Managing Data by Using Microsoft ASP.NET Dynamic Data
    - Overview of ASP.NET Dynamic Data
    - Applying ASP.NET Dynamic Data
    - Customizing ASP.NET Dynamic Data Applications
11. Creating a Microsoft ASP.NET Ajax-enabled Web Forms Application
    - Introduction to Ajax
    - Creating an ASP.NET Ajax Application by Using the Ajax Features for ASP.NET
    - Extending an ASP.NET Web Forms Application by Using the Ajax Control Toolkit
12. Consuming Microsoft Windows Communication Foundation Services
    - Overview of Windows Communication Foundation Services
    - Calling Windows Communication Foundation Services
    - Working with WCF Data Services
13. Managing State in Web Applications
    - State Management
    - ASP.NET Profiles
    - ASP.NET Caching
14. Configuring and Deploying a Microsoft ASP.NET Web Application

- Configuring an ASP.NET Web Application
- Deploying an ASP.NET Web Application

15. Securing a Microsoft ASP.NET Web Application
    - Overview of Web Application Security
    - Declaratively Configuring Authentication and Authorization
    - Working Programmatically with Authentication and Authorization
16. Implementing Advanced Technologies Supported by Microsoft Visual Studio 2010 for Web Development
    - Working with the ASP.NET MVC 2 Framework
    - Working with Silverlight 4