Developing Microsoft ASP.NET Web Application Using Visual Studio .NET

Varighed: 5 Days      Kursus Kode: M2310

Beskrivelse:
This five-day instructor-led course will teach Microsoft Visual Basic® programmers and beginning Web developers the fundamentals of Web application site implementation by using Microsoft ASP.NET and Microsoft Visual Basic .NET. This course focuses on using the Microsoft Visual Studio®.NET environment and the Microsoft .NET platform to create an ASP.NET Web application that delivers dynamic content to a Web site. This five-day instructor-led course will teach Microsoft Visual Basic® programmers and beginning Web developers the fundamentals of Web application site implementation by using Microsoft ASP.NET and Microsoft Visual Basic .NET. This course focuses on using the Microsoft Visual Studio®.NET environment and the Microsoft .NET platform to create an ASP.NET Web application that delivers dynamic content to a Web site.

Målgruppe:
This course is intended for beginning Web developers who have knowledge of the Hypertext Markup Language (HTML) or dynamic HTML (DHTML), along with some knowledge of a scripting language, such as Visual Basic Scripting Edition or Microsoft JScript®. This course is also appropriate for Visual Basic 6.0 developers wanting to learn ASP.NET.

Agenda:
- Explain the Microsoft .NET Framework and ASP.NET
- Create a component in Visual Basic .NET or C#.
- Create an ASP.NET web application project using Visual Studio.NET
- Add server controls to an ASP.NET Web Form.
- Create and populate ASP.NET Web Forms.
- Add functionality to server controls on an ASP.NET Web Form.
- Use the Trace & Debug objects provided with Visual Studio .NET
- Use validation controls to validate user input & create a user control.
- Accomplish data access tasks from an ASP.NET Web application
- Access Extensible Markup Language (XML) data & read it into a DataSet.
- Call an XML Web service from an ASP.NET Web application and incorporate the returned data into a Web application.
- Store application and session data by using a variety of methods.
- Configure and deploy an ASP.NET Web application.
- Secure an ASP.NET Web application using a variety of technologies.

Forudsætninger:
Delegates are required to meet the following prerequisites:
- Completing M1912—Introduction to Web Development Technologies.
- Or have the following skills:
  - Have the ability to create HTML or DHTML, including Tables, Images, Forms.
  - Programming experience using Visual Basic .NET, including declaring variables , using loops & Using conditional statements
  - In addition, it is recommended, but not required, that delegates have completed:
    - M2559 Introduction to Visual Basic .NET programming
    - M2373 Programming with Microsoft Visual Basic .NET

Test og certificering
Recommended as preparation for exam(s):
- M2310, M2373 & M2389 - Developing and Implementing Web Applications with Microsoft Visual Basic® .NET and Microsoft Visual Studio®.NET (Microsoft Exam 70-305)
- M2310, M2124 & M2389 - Developing and Implementing Web Applications with Microsoft Visual C#TM .NET and Microsoft Visual Studio & eg: .NET (Microsoft Exam 70-315)
Yderligere Kurser:

The following courses are recommended for further study:

- M2373 Programming with Microsoft Visual Basic.NET
- M2389 Programming with Microsoft ADO.NET
- M2124 Programming with C#