

Other Information

MS2063

Days	3
Starting Time	9:00
Finish Time	4:30

Lunch & refreshments are included with this course.



Introduction to ASP .NET

Course Description

The goal of this course is to teach students how to create a simple ASP .NET application that delivers dynamic content to the Web.

Pre-Requisites

Before attending this course, students must have:

- Create forms and tables in HTML.
- Write Microsoft Visual Basic® or Visual Basic Scripting Edition (VBScript) code.
- Create an ASP page.
- Retrieve data from a relational database using ADO.

Course Outline

▶ **Module 1—Module 1: Working with ASP .NET**

- Introducing ASP .NET
- Creating Web Forms
- Adding ASP .NET Code to a Page
- Handling Page Events
- Discussion: ASP vs. ASP .NET

▶ **Module 2—Using Web Controls**

- What are Web Controls?
- Using Intrinsic Controls
- Using Input Validation Controls
- Selecting Controls for Applications

▶ **Module 3—Using ADO .NET to Access Data Overview of Windows NT platform services**

- Overview of ADO .NET
- Connecting to a Data Source
- Accessing Data with DataSets
- Using Stored Procedures
- Accessing Data with DataReaders
- Binding to XML Data

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Course Description Cont.....

- ▶ **Module 4— Separating Code from Content**
 - Advantages of Partitioning an ASP .NET Page
 - Creating and Using Code-Behind Pages
 - Creating and Using User Controls
 - Creating and Using Components

- ▶ **Module 5— Using Trace in ASP .NET Pages**
 - Overview of Tracing
 - Trace Information
 - Page-Level Trace
 - Application-Level Trace

- ▶ **Module 6— Using Web Services**
 - What is a Web Service?
 - Calling a Web Service from a Browser
 - Calling a Web Service Using a Proxy
 - Creating a Simple Web Service Using Visual Basic
 - Creating and Calling a Web Service Using Visual Studio .NET

- ▶ **Module 7— Creating an ASP .NET Web Application**
 - Requirements of a Web Application
 - What is New in ASP .NET?
 - Sharing Information Between Pages
 - Securing an ASP .NET Application