



Computer Consultants Corporation

ASP.NET

Developer Class

Length of course: 3 class days (18 hours)

Objective(s): In this class students learn how to create a simple Active Server Page (ASP) .NET Application that delivers dynamic content to the Web. The course covers Web Forms, the handling of Events, Web Controls, and input validation, using the new Web Application Architecture and Web Services features.

Prerequisites: Proficiency in HTML and experience using Visual Basic or VBScript.

Working with ASP.NET

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

Creating ASP.NET Web Forms

- Using Intrinsic Controls
- Using Input Validation Controls
- Selecting Controls for Applications
- Creating and Using Code-Behind Pages
- Creating and Using User Controls

Using ADO.NET to Access Data

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

Using Trace in ASP.NET Pages

- Overview of Tracing
- Trace Information
- Page-Level Trace
- Application-Level Trace

Using Web Services

- Calling a Web Service from a Browser
- Calling a Web Service Using a Proxy
- Creating a Simple Web Service Using VB.NET
- Creating and Calling a Web Service Using Visual Studio.NET.

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