

## **ASP.NET with C# 2005**

### **Course Summary**

#### **Description**

This hands on course focuses on the creation of Web applications using C# 2005. The student is shown how to create Web forms focusing on code behind forms. Students will utilize Server, Data, Navigation and Login Controls along with Master Pages, Themes and Skins. Accessing data will also be utilized.

#### **Objectives**

At the end of this course, students will be able to:

- Gain an understanding of Microsoft's .NET platform and architecture.
- Create prototype ASP.NET Web application using C#.
- Create and invoke a simple Web Service using C#.
- Create Webforms focusing on code behind forms.
- Use Server, Data, Navigation and Login Controls.
- Use Master Pages.
- Create Themes and Skins.
- Utilized the Cascade Style Sheets designers.
- Discuss the use of Web Part Controls when building a WebForm.
- Add code to Web Server Control event procedures.
- Validate user input both Client and Server side.
- Access data with ADO using DataReader and DataSet Classes.
- Read and write XML.
- Manage session state within a web application.
- Add ASP.Net error handling to a web application.
- Discuss and implement Security strategies for ASP.NET.
- Code and Send an email from ASP.NET

#### **Audience**

This course is designed for students with the need to create Web applications using C# 2005 and have a background in VB 6.0.

#### **Prerequisites**

Students should have programming background in VB 6.0 or previous version of C# and some understanding of HTML and web pages.

#### **Duration**

Four days