



# ASP.NET Using Visual Basic 2005: Additional Topics

with Ken Getz and Andy Baron

In this course you will be introduced to many exciting ASP.NET 2.0 features that will help you get the most out of the .NET Framework and make you a better and more efficient Visual Basic 2005 developer. You will become familiar with the debugging and tracing features in Visual Studio 2005 that help you quickly troubleshoot issues. You will also learn how to read and write XML data using XML DOM, how to work with ASP.NET Profile features and ASP.NET Web Parts, and how to take advantage of creating your own user-defined control. And finally, you will learn how you to build mobile applications using Visual Basic 2005 so your clients can get information on their PDAs and smartphones.

## Reading and Writing XML Using the XML DOM

- Getting Started
- Reading XML Data
- Working With Nodes
- Creating and Modifying XML
- Dealing With Errors

## Debugging ASP.NET Applications

- Using the Visual Studio Debugging Features
- Handling Errors and Redirecting Users
- Debugging Client-Side Script
- Debugging SQL Server Code

## ASP.NET Profile Features

- Introducing Profiles
- Configuring Profiles
- Working with Anonymous Profiles
- Creating a Custom Profile Provider
- Comparing Profiles and Session State

## Tracing

- Using Page-Level Tracing
- Using Application-Level Tracing
- Using Web Events
- Viewing Information With the Web Development Helper

## Creating New Controls

- Two Kinds of User-Defined Controls
- Creating a User Control
- A More Complex User Control
- Creating a Custom Control
- Investigating the StateDropDownList Control

## ASP.NET Web Parts

- The History and Purpose of Web Parts
- Understanding the Web Part Controls
- Web Part Personalization
- Creating Custom Web Parts
- Creating Web Part Connections

## Creating Mobile Web Applications

- A Big Problem, and a Solution
- Introducing ASP.NET Mobile Controls
- Investigating the ASP.NET Mobile Controls

## Advanced Caching

- Review of Basic ASP.NET Caching
- Using Code to Implement Caching
- Caching Data Rather Than Output
- Using Database Dependencies for Cache Expiration
- DataSource Control Caching

**This course includes 36+ hours of total training time...**

- 12+ hours of media run time
- 450+ pages of printable courseware
- Step-by-step hands-on lab exercises
- Pre/post exams
- Sample code

### YOUR CHOICE OF FORMATS:

CD-ROM	8 CDs
DVD-ROM	1 DVD

