MICROSOFT WEB DEVELOPER

200 Hours/6 Months/Instructor-Facilitated
Course Code: **CPD093**

OVERVIEW

Gain the Web development skills that can put you ahead of your competition! In today's highly competitive workplace, Microsoft Web Developer certification will show employers that you have the skills they're seeking.

In this program, you'll learn how to develop Web pages using .NET Framework 3.5. When you've completed the program, you'll have the foundational knowledge you need to take the Microsoft 70-536 and 70-562 exams and earn a certification as a Microsoft Web Developer.

Skills you'll master in this program include installing and using Visual Studio 2008, using web developer express, and debugging code. You'll also explore HTML concepts, elements and tags, attributes, hyperlinks and anchors, image management, XML, CSS, .NET programming, ASP.NET, JQuery, AJAX, ASP .NET Web Applications, and .NET Framework 3.5.

OBJECTIVES

By the end of this course, you will be prepared for a career as a Web developer and will be able to:

- Use and customize Visual Studio 2008.
- Work with HTML and XML elements and tags; use images, hyperlinks, and anchor tags; and use Visual Studio IDE to create HTML and XML documents.
- Create cascading style sheets.
- Understand the fundamentals of .NET programming, ASP.NET, JQuery, AJAX, ASP .NET Web Applications, and .NET Framework 3.5.
- Troubleshoot and debug Web applications.

MATERIALS INCLUDED

Textbooks included in your tuition include *Microsoft ASP.NET 4 Step By Step; Microsoft .NET Framework 3.5 – ASP.NET Application Development 70-562 Training Kit; and Microsoft .NET Framework – Application Development Foundation 70-536 Training Kit.*

OUTLINE

1. Visual Studio 2008
2. HTML
3. CSS
4. Programming Fundamentals

5. Introduction to ASP .NET
6. JQUERY
7. AJAX
8. Structured Query Language and Report Building
9. Developing ASP .NET Web Applications
10. The .NET Framework 3.5

COMPUTER REQUIREMENTS

High-speed Internet is recommended. You can take this program on a PC or a Mac. You will need Internet Explorer (version 8) or Firefox.

Windows XP with Service Pack 2 or higher is required.

You will also need Adobe Flash, Adobe Reader, and PowerPoint. In addition, you will need Windows Media Player (Series 11 or later) and DirectX (version 9 or later). You will also need Java.

You will be able to download and install the following at no cost:

- Visual Studio Web Developer Edition
- Visual Studio 2008 C# and/or Visual Basic
- MSDN Express Library

Hardware Requirements:

- For Windows Vista or Windows 7: Intel® Pentium® 4 or AMD Athlon® dual-core processor, 3.0 GHz or higher with SSE2 technology; for Windows XP: Intel Pentium 4 or AMD Athlon dual-core processor, 1.6 GHz or higher with SSE2 technology
- 2 GB RAM
- 1.8 GB free disk space for installation
- 1,280 x 1,024 true color video display adapter 128 MB or greater, Microsoft® Direct3D®-capable workstation-class graphics card
- 1,024 x 768 display resolution with true color

INSTRUCTOR BIO

Sean Holmes is an experienced software industry professional and leader who specializes in designing and delivering technical business solutions. Sean is highly proficient in architecting, presenting, documenting, implementing and managing these solutions. He has an extensive background in instructional design of programming and database courses.

Outlines are subject to change.
For more information, visit our Web site at: **www.excelsior.edu/CPD**,
email **CPD@excelsior.edu**, or call: **888-647-2388 ext 11-8211**